



**THE UNITED REPUBLIC OF TANZANIA
MBEYA REGIONAL SECRETARIAT
RUNGWE DISTRICT COUNCIL**



REQUEST FOR TENDER

TENDER NO.: 78J2/2024/2025/W/01

FOR

Construction of market building

24/06/2025

LIST OF ABBREVIATIONS

AO Accounting Officer
AQRB Architects and Quantity Surveyors Registration Board
OAG Office of Attorney General
BAFO Best and Final Offer
Cap Chapter
DARB Dispute Avoidance and Resolution Board
ERB Engineers Registration Board
ES Environmental and Social
FY Financial Year
GCC General Conditions of Contract
GPN General Procurement Notice
ICT International Competitive Tendering
IFT Invitation for Tenders
ITT Instruction to Tenderers
JV Joint Venture
JVCA Joint Venture, Consortium, or Association
NCC National Construction Council
NCT National Competitive Tendering
NeST National e-Procurement System of Tanzania
PE Procuring Entity
PPAA Public Procurement Appeals Authority
PPRA Public Procurement Regulatory Authority
SCC Special Conditions of Contract
SEA Sexual Exploitation and Abuse
SH Sexual Harassment
STD Standard Tender Document
TDS Tender Data Sheet

PART 1 – TENDERING PROCEDURES

SECTION I: INVITATION FOR TENDERS

SECTION II - INSTRUCTION TO TENDERERS (ITT)

A. INTRODUCTION

ITT Clause	ITT Sub-Clause	ITT Sub-Clause Description
1. Scope of the Tender	1.1	The Procuring Entity (PE), as specified in the TDS , issues this Tender Document for the Design and Build of the Works as specified in Section VII, Employer's Requirements. The name, identification and number of lots (contracts) of this Tender are specified in the TDS .
	1.2	Unless otherwise stated, throughout this Tender Document definitions and interpretations shall be as prescribed in the Section VIII, General Conditions.
	1.3	<p>Throughout this Tender Document:</p> <ul style="list-style-type: none"> a) the term "in writing" means communicated in written form (e.g. by mail, e-mail, fax) including distributed or received through NeST; b) if the context so requires, "singular" means "plural" and vice versa; c) "JVCA", means a joint venture, consortium or association of one or more firms. d) "Day" means calendar day, unless otherwise specified as "Business Day". A Business Day is any day that is an official working day of the PE. It excludes the PE's official public holidays; e) "Works" refers to Works, subject of this tender document, to be executed on design and build contracting arrangement; f) "ES" means environmental and social (including Sexual Exploitation and Abuse (SEA), and Sexual Harassment (SH)); g) "Sexual Exploitation and Abuse" "(SEA)" means the following: <ul style="list-style-type: none"> Sexual Exploitation is defined as any actual or attempted abuse of position of vulnerability, differential power or trust, for sexual purposes, including, but not limited to, profiting monetarily, socially or politically from the sexual exploitation of another Sexual Abuse is defined as the actual or threatened physical intrusion of a sexual nature, whether by force or under unequal or coercive conditions; h) "Sexual Harassment" "(SH)" is defined as unwelcome sexual advances, requests for sexual favors, and other verbal or physical conduct of a sexual nature by the Contractor's Personnel with other Contractor's or PE's Personnel; i) "Contractor's Personnel" is as defined in Sub- Clause 1.1.2 of the General Conditions; and j) "Employer's Personnel" is as defined in Sub- Clause 1.1.2 of the General Conditions. <p>A non-exhaustive list of (i) behaviors which constitute SEA and (ii) behaviors which constitute SH is attached to the Code of Conduct form in Section IV</p>
2. Source of Funds	2.1	<p>The Government of Tanzania has set aside sufficient funds for the operations of the PE named in the TDS during the Financial Year indicated in the TDS. It is intended that part of the proceeds of the funds will be applied to cover eligible payments under the contract for the works as described in the TDS.</p> <p style="text-align: center;">Or</p> <p>The Government of Tanzania through the PE named in the TDS has applied for/received/ intends to apply for a [loan/ credit/grant] from the financing institution named in the TDS towards the cost of the Project. The United Republic of Tanzania intends to apply part of the proceeds of this loan/credit</p>

		to payments under the Contract described in the TDS .
3. Eligible Tenderers	3.1	A Tenderer may be a firm that is a private entity, a state-owned enterprise or institution subject to ITT 3.6 — or any combination of such entities in the form of a joint venture consortium or association (<i>hereinafter referred to as JVCA</i>) under an existing agreement or with the intent to enter into such an agreement supported by a letter of intent.
	3.2	In the case of a JVCA, all members shall be jointly and severally liable for the execution of the Contract in accordance with the Contract terms. The JVCA shall nominate a Representative who shall have the authority to conduct all business for and on behalf of any and all the members of the JVCA during the Tender process and, in the event the JVCA is awarded the Contract, during contract execution. Unless specified in the TDS , there is no limit on the number of members in a JVCA.
	3.3	National Tenderers shall satisfy all relevant licensing and/or registration requirements with the appropriate statutory bodies in Tanzania. Foreign Tenderers are exempted from this requirement but where selected as having submitted the lowest evaluated tender the successful tenderer shall register with the appropriate statutory body and be required to submit evidence of registration as an approved contractor in Tanzania before signing the contract.
	3.4	<p>A Tenderer shall not have a conflict of interest. Any Tenderer found to have a conflict of interest shall be disqualified. A Tenderer may be considered to have a conflict of interest with one or more parties in this tendering process, if the Tenderer:</p> <ul style="list-style-type: none"> i) directly or indirectly controls or is controlled by or is under common control with another Tenderer; or ii) receives or has received any direct or indirect subsidy from another Tenderer; or iii) has the same legal representative as another Tenderer; or iv) as a relationship with another Tenderer, directly or through common third parties, that puts it in a position to influence the Tender of another Tenderer, or influence the decisions of the PE regarding this Tender process; or v) any of its affiliates participates as a consultant in the preparation of the PE's Requirements for the Works that are the subject of the Tender; or vi) or any of its affiliates has been hired (or is proposed to be hired) by the PE as the Project Manager for the Contract implementation; or vii) would be providing goods, works, or non- consulting services resulting from or directly related to consulting services for the preparation or implementation of the project specified in ITT 1.1 [Scope of the Tender] that it provided or were provided by any affiliate that directly or indirectly controls, is controlled by, or is under common control with that firm; or has a close business or family relationship with a professional staff of the PE who: <ul style="list-style-type: none"> (a) are directly or indirectly involved in the preparation of the Tender Document or specifications of the Contract, and/or the Tender evaluation process of such Contract; or (b) would be involved in the implementation or supervision of such Contract unless the conflict stemming from such relationship has been resolved in a manner acceptable to the PE throughout the Tender process and execution of the Contract.
	3.5	<p>A Tenderer may be ineligible if –</p> <ul style="list-style-type: none"> (a) the Tenderer is declared bankrupt or, in the case of company or firm, insolvent; (b) payments in favour of the person, company or firm is suspended in accordance with the judgment of a court of law other than a judgment

		<p>declaring bankruptcy and resulting, in accordance with the national laws, in the total or partial loss of the right to administer and dispose of its property;</p> <p>(c) legal proceedings are instituted against such person, company or firm involving an order suspending payments and which may result, in accordance with the national laws, in a declaration of bankruptcy or in any other situation entailing the total or partial loss of the right to administer and dispose of the property;</p> <p>(d) the tenderer is convicted, by a final judgment, of any offence involving professional conduct;</p> <p>(e) the Tenderer is debarred and blacklisted in accordance with Public Procurement Act, Cap 410 or ineligible from participating in public procurement for corrupt, coercive, fraudulent or obstructive practices, company or firm is found guilty of serious misrepresentation with regard to information required for participation in an invitation to tender or to submit Tenders, failure to abide with a Tender Securing Declaration, breach of a procurement contract, making false representation about his qualifications during tender proceeding or other grounds as may be deemed necessary by the Authority.</p> <p>(f) the Tenderer is from ineligible country as specified under Section VI [ineligible country] of this tendering document.</p>
	3.6	A firm that is a Tenderer (either individually or as a JVCA member) shall not participate in more than one tender, except for permitted alternative Tenders. This includes participation as a subcontractor in other tenders. Such participation shall result in the disqualification of all tenders in which the firm is involved. A firm that is not an individual Tenderer or a JVCA member in a tender may participate as a subcontractor in more than one tender.
	3.7	Public or Semi-public owned enterprises in the United Republic of Tanzania may participate only if they can establish that they (i) are legally and financially autonomous; and (ii) operate under commercial law. No dependent agency of the Public authority under public financed project shall be permitted to Tender or submit a proposal for the procurement of goods or works under the project.
	3.8	Tenderers shall provide to the PE evidence of their eligibility, proof of compliance with the necessary legal, technical and financial requirements and their capability and, adequacy of resources to carry out the contract effectively.
4. Eligible Materials, Equipment, and Services	4.1	The materials, equipment and services to be supplied under the Contract may have their origin in any country subject to the restrictions specified in Section VI, Eligible Countries, and all expenditures under the Contract will not contravene such restrictions. At the PE's request, Tenderers may be required to provide evidence of the origin of materials, equipment and services.
5. One Tender per Tenderer	5.1	A Tenderer shall submit only one tender, in the same tendering process, either individually as a Tenderer or as a partner in a JVCA.
	5.2	No Tenderer can be a subcontractor while submitting a tender individually or as a partner of a joint venture in the same tendering process.
	5.3	A Tenderer, if acting in the capacity of subcontractor in any Tender, may participate in more than one tender but only in that capacity.
	5.4	A Tenderer who submits or participates in more than one tender (other than as a subcontractor or in cases of alternatives that have been permitted or requested) will cause all the tenders in which the Tenderer has participated to be disqualified
6. Cost of Tendering	6.1	The Tenderer shall bear all costs associated with the preparation and submission of its tender, and the PE shall in no case be responsible or liable for those costs, except where the PE is ordered by the Public Procurement Appeals Authority (PPAA) to compensate the Tenderer following a successful Tenderer's appeal of the procurement proceedings.
7. Site Visit and Pre-	7.1	The Tenderer, at the Tenderer's own responsibility and risk, is

Tender Meeting		advised to visit 'and examine the Site of Works and its surroundings and obtain for itself all information that may be necessary for preparing the Tender and entering into a contract for construction of the Works. The costs of visiting the Site shall be at the Tenderer's own expense.
	7.2	The Tenderer and any of its personnel or agents will be granted permission by the PE to enter upon its premises and lands for the purpose of such visit, but only upon the express condition that the Tenderer, its personnel, and agents will release and indemnify the PE and its personnel and agents from and against all liability in respect thereof, and will be responsible for death or personal injury, loss of or damage to property, and any other loss, damage, costs, and expenses incurred as a result of the inspection
	7.3	The PE may conduct a site visit and a pre-tender meeting, whose purpose shall be to provide specific project information, to explain any unusual aspects of the project and to address any questions on any matter that may be raised at that stage.
	7.4	The Tenderer's designated representative is invited to attend a site visit and pre-tender meeting which, if convened, will take place at the venue and time stipulated in the TDS . Unless otherwise stated in the TDS , non- attendance at the site visit and pre-tender meeting will not be a cause for disqualification of a tenderer.
	7.5	The Tenderer is requested to submit any questions through NeST, to reach the PE before pre-tender meeting. It may not be practicable at the meeting to answer all questions, but questions and responses will be transmitted in accordance with ITT 7.6.
	7.6	Minutes of the pre-tender meeting, if applicable, including the questions raised by the Tenderers, without identifying the source and the responses given together with any responses prepared after the pre-tender meeting, will be transmitted within three (3) working days to all participating tenderers through NeST. Any modification of the Tendering Documents listed in ITT 7.1 that may become necessary as a result of the pre- tender meeting shall be made by the PE exclusively through the issue of an Addendum pursuant to ITT 10.2 [Amendment of Tender Documents] and not through the minutes of the pre-tender meeting.

B. CONTENTS OF THE TENDER DOCUMENT

8. Sections of Tender Document	8.1	<p>The Tender Document consists of Parts 1, 2, and 3, which include all the sections indicated below, and should be read in conjunction with any Addenda issued in accordance with ITT 10 [Amendment of Tender Document]:</p> <p>PART 1 Tendering Procedures</p> <p>Section I - Invitation for Tenderers (IFT)</p> <p>Section II - Instructions to Tenderers (ITT)</p> <p>Section III - Tender Data Sheet (TDS)</p> <p>Section IV - Qualification and Evaluation Criteria</p> <p>Section V - Tendering Forms</p> <p>Section VI - Eligible Countries</p> <p>PART 2 Procuring Entity's Requirements</p> <p>Section VII - Employer's Requirements</p> <p>PART 3 Conditions of Contract and Contract Forms</p> <p>Section VIII - General Conditions of Contract</p> <p>Section IX - Special Conditions of Contract</p> <p>Section X - Contract Forms</p>
	8.2	The General Procurement Notice, Invitation for Tender issued by the PE, is not part of this Tender Document and is included as reference only. In case of discrepancies between the Invitation for Tender and the Tendering Documents listed in ITT 8.1 above, the said Tendering Documents will take precedence
	8.3	The PE is not responsible for the completeness of the Tendering Documents and their addenda, if they were not obtained directly from NeST.
	8.4	The Tenderer is expected to examine all instructions, forms, terms, and specifications in the Tender Document. Failure to furnish with its Tender all information or documentation as is required by the Tender Document or to submit a tender substantially responsive to the Tendering Documents in every respect will be at the Tenderer's risk and may result in the rejection of its tender.
9. Clarifications of Tender Document	9.1	A prospective Tenderer requiring any clarification of the Tendering Documents may notify the PE through NeST at least seven (7) days for open competitive methods and three (3) days in the case of other tendering methods prior to tender submission deadline.
	9.2	The PE will within one (1) to three (3) days after receiving the request for clarification for non-competitive tendering methods and open competitive methods respectively respond and publish through NeST.
	9.3	PE's response will be posted through NeST to all participating tenderers, including a description of the inquiry, but without identifying its source.
	9.4	Should the PE deem it necessary to amend the Tender Document as a result of a request for clarification, it shall do so following the procedure under ITT 10 [Amendment of Tender Document].
10. Amendment of Tender Document	10.1	Before the deadline for submission of tenders, The PE for any reason, whether at its own initiative or in response to a clarification requested by a prospective Tenderer, the PE may modify the Tendering Documents by issuing addenda.
	10.2	Any addendum issued including the notice of any extension of the deadline shall be part of the Tender Documents pursuant to ITT 8.1 [Content of Tendering Documents] and shall be

		communicated through NeST to participating tenderers.
	10.3	In order to allow prospective Tenderers reasonable time in which to take an addendum into account in preparing their Tenders, the PE at its discretion shall extend, as necessary, the deadline for submission of tenders, in accordance with ITT 24.2 [Deadline for Submission of Tenders]
11. Contacting the PE	11.1	From the time of Tender opening to the time of Contract award, if any Tenderer wishes to contact the PE on any matter related to the Tender, it should do so through NeST.
	11.2	If a Tenderer tries to directly influence the PE or otherwise interfere in the Tender evaluation process and the Contract award decision, its Tender may be rejected.

C. PREPARATION OF TENDERS

12. Language of Tenders	12.1	The tender, and all correspondence and documents related to the Tender exchanged by the Tenderer and the PE, shall be written in the language stipulated in the TDS .
	12.2	Supporting documents and printed literature furnished by the Tenderer may be in another language provided they are accompanied by an accurate translation of the relevant passages in the above stated language, in which case, for purposes of interpretation of the tender, the translation shall prevail.
13. Documents comprising the Tender	13.1	The Tender prepared by the Tenderer shall comprise two Parts, namely the Technical Part and the Financial Part.
	13.2	The Technical Part submitted by the Tenderer shall comprise the following:
		(a) Form of Tender-Technical Part, prepared in accordance with ITT14 [Form of Tender and Schedules];
		(b) Tender Security, in accordance with ITT21 [Tender Security];
		(c) Alternative Technical Part, if permissible in accordance with ITT17 [Alternative Technical Parts];
		(d) Written confirmation authorizing the signatory of the Tender to commit the Tenderer, in accordance with ITT22 [Format and Signing of Tender];
		(e) Documentary evidence that the Tenderer continues to be eligible and qualified to perform the contract if its Tender is accepted;
		(f) Method statement, equipment, personnel, and any other information as stipulated in Section V [Tendering Forms];
		(g) Documentary evidence in accordance with ITT16 [Documents Establishing Conformity of the Works offered by the Tenderer conform to the Tender Document;
		(h) Details of any departure in their Technical Part from the Tender documents;
		(i) In the case of a Technical Part submitted by a JVCA, a JVCA agreement or letter of intent to enter into a JVCA including a draft agreement, indicating at least the parts of the Works to be executed by the respective partners;
		(j) List of subcontractors, in accordance with ITT16.3[Documents Establishing Conformity of the Works]; and
		(k) Any information, other than the documents under ITT 13.2(a) – (j) above required to be completed and submitted by Tenderers, as specified in the TDS
	13.3	The Financial Part submitted by the Tenderer shall comprise the following:
		(a) Form of Tender-Financial Part: prepared in accordance with ITT14 [Form of Tender and Schedules];
		(b) Price Schedules: completed prepared in accordance with ITT 18 [Tender Prices] and ITT 19 [Tender Currencies];
		(c) Alternative Financial Part: if alternative Technical Part is permissible in accordance with ITT17 [Alternative Technical Part];
		(d) Financial Disclosure: The Tenderer shall furnish in the Form of Tender – Financial Part information on commissions and gratuities, if any, paid or to be paid to agents or any other party relating to this Tender; and
		(e) Other; any other document required in the TDS .
	13.4	The Technical Part shall not include any financial information related to the Tender price. Where material financial information related to the Tender price is contained in the Technical Part, the Tender shall be declared non-responsive.

	13.5	The Tenderer, if stated in the TDS , shall furnish in the Form of Tender -Technical Part, three names of the potential DARB members and attach their curriculum vitae.
14. Form of Tender, and Schedules	14.1	The Tenderer shall complete the Form of Tender – Technical Part and Form of Tender - Financial Part using the relevant forms furnished in NeST.
15. Documents Establishing the Qualification of the tenderer	15.1	In accordance with Section IV [Qualification and Evaluation Criteria], to establish that the Tenderer continues to meet the qualification criteria used at the time of Pre-qualification, the Tenderer shall provide updated information on any assessed aspect that changed from that time.
	15.2	If a margin of preference applies in accordance with ITT39.1 [Margin of Preference], Tenderers, individually or in a JVCA, applying for eligibility for domestic preference shall supply all information required to satisfy the criteria for eligibility specified in accordance with ITT39.2 [Margin of Preference].
	15.3	Any change in the structure or formation of a Tenderer after being pre-qualified and invited to submit Tenders (including, in the case of a JVCA, any change in the structure or formation of any member and any change in any Specialized Subcontractor) shall be subject to the written approval of the PE prior to the deadline for submission of Tenders. Such approval shall be denied if;
		a) a Tenderer proposes to associate with a disqualified Tenderer or in case of a disqualified JVCA, any of its members;
		b) as a consequence of the change, the Tenderer no longer substantially meets the qualification criteria set forth in the Pre-qualification Documents;
		c) a Tenderer no longer continues to be in the list of pre-qualified Tenderers as a result of the PE's re-evaluation of the Application in accordance with criteria specified in the Pre-qualification Documents; or
		d) in the opinion of the PE, the change may result in a substantial reduction in competition. Any such change should be submitted to the PE not later than the specified deadline in NeST.
16. Documents Establishing Conformity of the Works	16.1	Pursuant to ITT13.2 (f)[Documents Comprising the Tender], the Tenderer shall furnish, as part of its tender documents establishing the conformity to the Tender Documents of the Works that the Tenderer proposes to design and build under the Contract.
	16.2	The documentary evidence of the conformity of the Works with the tender documents may be in the form of literature, drawings and data, and shall include:
		(a) the documents specified in Section V (Tendering Forms - Technical Part);
		(b) detailed description of the essential technical and functional/performance characteristics of the proposed Works, in response to the Employer's Requirements; and
		(c) adequate evidence demonstrating the substantial responsiveness of the Works to the Employer's Requirements. Tenderers shall note that standards for workmanship, materials and equipment designated by the PE in the Tender Document are intended to be descriptive (establishing standards of quality and performance) only and not restrictive. The Tenderer may substitute alternative standards, in its Technical Part, provided that it demonstrates to the PE's satisfaction that the substitutions are substantially equivalent or superior to the standards designated in the Performance/Functional requirements specified by the PE.
	16.3	The Tenderer shall be responsible for ensuring that any

		proposed subcontractor complies with the requirements of ITT 3[Eligible Tenderer], and that any Works to be provided by the subcontractor comply with the requirements of ITT4[Eligible Materials, Equipment and Services] and ITT 16.1. The Tenderer shall submit its Code of Conduct that meets the requirements set out in Section IV-Tender Forms.
17. Alternative Tender	17.1	The Tenderer, if so specified in the TDS , wishing to offer alternative Technical Part shall: (i) document that the proposed technical alternatives are to the benefit of the PE, that they fulfill the principal objectives of the contract, and that they meet the basic performance and technical criteria specified in the Tender Documents; and (ii) further provide all information necessary for a complete technical evaluation of the alternative by the PE, including relevant drawings, design calculations, technical specifications, and proposed construction methodology and other relevant details.
	17.2	The Tenderer submitting alternative Technical Part shall provide all information necessary for a complete financial evaluation of the alternative by the PE, including breakdown of prices relevant to the offered technical alternative and in the manner and detail called for in the Schedule of Rates and Prices (if any) included in Section V – Tendering Forms.
	17.3	The Tenderer submitting alternative Technical Part shall provide all information necessary for a complete financial evaluation of the alternative by the PE, including breakdown of prices relevant to the offered technical alternative and in the manner and detail called for in the Schedule of Rates and Prices (if any) included in Section V – Tendering Forms.
18. Tender Prices	18.1	Unless otherwise specified in the TDS , Tenderers shall quote for the entire Works on a single responsibility” basis such that the total lump sum Tender price, subject to any adjustments, in accordance with the Contract, covers all the Contractor’s obligations mentioned in or to be reasonably inferred from the Tender Document in respect of the design, manufacture, including procurement and subcontracting (if any), delivery, construction and completion of the Works. This includes all requirements under the Contractor’s responsibilities for testing, pre-commissioning and commissioning (as applicable) of the Works and, where so required by the Tender Document, the acquisition of all permits, approvals and licenses,etc.; the operation, maintenance and training services and such other items and services as may be specified in the Tender Document, all in accordance with the requirements of the General Conditions.
	18.2	Tenderers shall give a breakdown of the prices in the manner and detail called for in the Schedule of Priced Activities and Sub-activities included in Section IV, Tender Forms with further breakdown prices for sub activities, as appropriate. The total of the prices of the items in the Schedule of Priced Activities shall be the Tenderer’s offer to complete the works on a “single responsibility” basis. The cost of any items that the Tenderer may have omitted shall be deemed to be included in the price of other items in the Schedule of Priced Activities and Sub-activities and will not be paid for separately by the PE.
	18.3	The Prices shall be either fixed or adjustable as specified in the TDS .
	18.4	In the case of Fixed Price, prices quoted by the Tenderer shall be fixed during the Tenderer’s performance of the contract and not subject to variation on any account. A Tender submitted with an adjustable price quotation will be treated as

		non-responsive and rejected.
	18.5	In the case of Adjustable Price, prices quoted by the Tenderer shall be subject to adjustment during performance of the contract to reflect changes in the cost elements such as labor, material, transport and Contractor's equipment in accordance with the procedures specified in the corresponding Schedule of Cost Indexation. A Tender submitted with a fixed price quotation will not be rejected, but the price adjustment will be treated as zero. Tenderers are required to indicate the source of labor and material indices in the corresponding Form in Section IV, Tender Forms.
	18.6	If so indicated in ITT 1.1 [Scope of Tender], Tender are being invited for individual lots (contracts) or for any combination of lots (packages). Tenderers wishing to offer any price reduction (discount) for the award of more than one Contract shall specify in their Form of Tender the price reductions applicable to each package, or alternatively, to individual Contracts within the package, and the manner in which the price reductions will apply. However, discounts for the award of more than one contract will not be considered for tender evaluation purpose.
	18.7	Tenderers wishing to offer any unconditional discount shall specify in their Form of Tender the offered discounts and the manner in which price discounts will apply
	18.8	All duties, taxes, and other levies payable by the Contractor under the Contract, or for any other cause, as of the date 28 days prior to the deadline for submission of Tenders, shall be included in the Tender price submitted by the Tenderer.
19. Tender Currencies	19.1	The currency(ies) of the Tender and the currency(ies) of payments shall be Tanzania Shillings or in foreign currencies or both as indicated in TDS .
	19.2	The rates of exchange to be used by the Tenderer in arriving at the local currency shall be the selling rates for similar transactions established by the authority specified in the TDS prevailing on the date 28 days prior to the latest deadline for submission of Tenders.
	19.3	Tenderers may be required by the PE to justify, to the PE's satisfaction, their local and foreign currency requirements, and to substantiate that the amounts included in the Schedule of Priced Activities and Sub- activities Schedules and Adjustment Data in the Appendix to the Tender are shown in the Table of reasonable, in which case a detailed breakdown of the foreign currency requirements shall be provided by Tenderers.
20. Period of Validity of Tenders	20.1	Tenders shall remain valid until the date specified in the TDS or any extended date if amended by the PE in Accordance with ITT10 [Amendment of Tender Documents]. A Tender that is not valid until this specified date, or any extended date if amended by the PE in accordance with ITT10, shall be rejected by the PE as nonresponsive.
	20.2	In exceptional circumstances, prior to expiry of the original Tender validity period, the PE may request that the Tenderers to extend the period of validity for a specified additional period. The request and the Tenderers' responses shall be made through NeST. A Tenderer may refuse the request without forfeiting its Tender security. A Tenderer agreeing to the request will not be required or permitted to otherwise modify the Tender but will be required to extend the validity of its Tender Security for the period of the extension, and in compliance with ITT 21 [Tender Security] in all respects.
	20.3	In the case of fixed price contracts, if the award is delayed by a period exceeding fifty-six (56) days beyond the date of

		expiry of the Tender validity specified in accordance with ITT 20.1, the contract price will be adjusted as specified in the TDS . Tender evaluation will be based on the Tender prices without taking into consideration the above correction.
21. Tender Security	21.1	The Tenderer shall furnish as part of its Tender, a Tender Security through NeST in a Form and in the amount and currency specified in the TDS in the format provided in Section V-Tendering Forms.
	21.2	The Tender security shall be a demand guarantee in any of the following forms at the Tenderer's option: (a) an unconditional guarantee issued by a bank or a non-bank financial institution (such as an insurance, bonding or surety company) from a reputable source from an eligible country.; (b) an irrevocable letter of credit; (c) a cashier's or certified check; or another security indicated in the TDS ,
	21.3	If an unconditional guarantee is issued by a non-bank financial institution located outside Tanzania, the issuing non-bank financial institution shall have a correspondent financial institution located in Tanzania to make it enforceable unless the PE has agreed in writing, prior to Tender submission, that a correspondent financial institution is not required.
	21.4	In the case of a bank guarantee, the Tender Security shall be submitted either using the Tender Security Form included in Section IV, Tender Forms or in another substantially similar format approved by the PE prior to Tender submission. In either case, the form must include the complete name of the Tenderer. The Tender Security shall be valid for twenty-eight days (28) beyond the original date of expiry of the period of tender validity, or beyond any extended date if requested under ITT20.2 [Period of Validity of Tenders].
	21.5	The Tender Securities of the Tenderers shall be returned as promptly as possible once the successful Tenderer has furnished the required Performance Security, and if required in the TDS , the Environmental and Social (ES) Performance Security and signed the Contract,
	21.6	The Tender Security of a JVCA shall be in the name of the JVCA that submits a Tender. If the JVCA has not been legally constituted into a legally enforceable JVCA at the time of submission of Tenders, the Tender Security shall be in the names of all future members as named in the letter of intent referred to in ITT3.1 [Eligible Tenderer].
	21.7	Any Tender not accompanied by a substantially responsive Tender Security shall be rejected by the PE as non-responsive.
	21.8	The Tender Security may be forfeited: a) if a Tenderer; i) withdraws its Tender during the period of Tender validity specified by the Tenderer on the Form of Tender except as provided for in ITT20.2 [Tender Validity Period]; or b) in the case of a successful Tenderer, if the Tenderer fails to: i) furnish a Performance Security and if required in the TDS , the Environmental and Social (ES) Performance Security, in accordance with ITT 55 sign the contract in accordance with ITT 56 [Signing of Contract].
	21.9	Unsuccessful Tenderers' Tender Security will be discharged or returned as promptly as possible but not later than thirty (30) days after the expiration of the period of Tender validity prescribed by the PE pursuant to ITT56 [Signing of Contract]. The PE shall make no claim to the amount of the tender security, and shall promptly return the tender security

		document, after whichever of the following that occurs earliest: (a) the expiry of the tender security; the entry into force of a procurement contract and the provision of a security for the performance of the contract if such a security is required by the solicitation documents; (b) the rejection by the PE of all tenders; (c) the withdrawal of the tender prior to the deadline for the submission of tenders, unless the solicitation documents stipulate that no such withdrawal is permitted.
22.Format and Signing of Tender	22.1	The Tenderer shall prepare documents constituting the Tender as described in ITT13 [Documents Constituting the Tender].
	22.2	The Tender shall be signed by a person or persons duly authorized to sign on behalf of the Tenderer and the authorization documents shall be submitted together with the Tender indicating position of each signatory in accordance with the requirements of the NeST as specified in the TDS
	22.3	In case the Tenderer is a JVCA, the Tender shall be signed by an authorized representative of the JVCA on behalf of the JVCA, and so as to be legally binding on all the members as evidenced by a power of attorney signed by their legally authorized representatives.
	22.4	The Tenderer shall furnish in the Tender Submission Form-Financial Part (Section V) information regarding commissions or gratuities, if any, paid or to be paid to agents relating to this procurement and to the execution of the Contract should the Tenderer be successful.

D. SUBMISSION OF TENDERS

23. Submission of Tenders	23.1	All tenders shall be submitted through NeST and considered to be true and legal version, duly authorized and duly executed by the tenderer and intended to have binding legal effect.
	23.2	The Tender shall bear e-signature or digital signatures for identity and authentication purposes and the identity of the tenderer may be verified with a follow-up due diligence process.
	23.3	Tenders submitted through NeST shall be received in full prior to the closing time, and the Tenderers shall receive an acknowledgement of receipt of tender or amendment through the system.
	23.4	Tenderers must ensure the integrity, completeness and authenticity of their Tender submission; and in case of electronic records entered online and files containing the tender being unreadable for any reason, the tender submitted shall not be considered.
	23.5	If alternative Tenders are permitted in accordance with ITT17 [Alternative Tender], the alternative Tenders shall be submitted in the same manner as above
24. Deadline for submission of Tenders	24.1	Tenders shall be received by the PE through NeST in a manner specified under ITT 23 [Submission of Tenders] not later than the date and time specified in NeST.
	24.2	The PE may, in exceptional circumstances and at its discretion, extend the deadline for the submission of Tenders by amending the Tender in accordance with ITT 10 [Amendment of Tender Documents], in which case all rights and obligations of the PE and Tenderers previously subject to the deadline will thereafter be subject to the new deadline.
	24.3	The extension of the deadline for submission of Tenders shall not be made later than the period specified in the TDS before the expiry of the original deadline.
25. Late Tenders	25.1	The System (NeST) shall block a Tenderer from submitting tendering documents after the deadline for submission of tenders in accordance with ITT 24 [Deadline for Submission of Tenders]
26. Withdrawal, Substitution, and Modification of Tenders	26.1	A Tenderer may modify or substitute or withdraw its Tender after it has been submitted to the PE through NeST, provided that such modification or substitution or withdrawal is made prior to the deadline for submission of Tenders prescribed under ITT 24.1 [Deadline of Submission of Tenders]. Tenderers shall receive an acknowledgement of receipt of tender of any amendment of its submitted tender through the system.
	26.2	No Tender may be withdrawn, replaced or modified in the interval between the deadline for submission of Tenders and the expiration of the period of Tender validity specified by the Tenderer on the Form of Tender.

	26.3	Withdrawal of a Tender during this interval shall result in the Tenderer's forfeiture of its Tender security pursuant to the ITT 21.9 [Tender Security].
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E. OPENING OF THE TECHNICAL PARTS

27. Opening of Technical Part	27.1	The opening of the Technical Part shall be done by the system automatically and opening records made available in the portal.
	27.2	No tender shall be rejected at tender opening.
	27.3	A Tenderer or any other person with interest in the tender process can access tender opening records made available in NeST.

F. EVALUATION OF TENDERS – GENERAL PROVISIONS

28. Confidentiality	28.1	Information relating to the evaluation of the Technical Part shall not be disclosed to Tenderers or any other persons not officially concerned with the Tender process until the notification of evaluation of the Technical Part in accordance with ITT 34 [Notification of the Results of evaluation of Technical Part].
	28.2	Information relating to the evaluation of the Financial Part and recommendation of contract award, shall not be disclosed to Tenderers or any other persons not officially concerned with the Tender process until the Notification of Intention to Award the Contract is transmitted to all Tenderers in accordance with ITT 52 [Notification of Intention to Award of Contract].
	28.3	Any effort by a Tenderer to influence the PE in the evaluation of the Tenders may result in the rejection of its Tender.
	28.4	Notwithstanding ITT 28.1 and ITT 28.2 , from the time of Tender opening to the time of Contract award, if any Tenderer wishes to contact the PE on any matter related to the Tender process, it should do so through NeST.
29. Clarification of Tenders	29.1	In order to assist in the examination, evaluation, and comparison of the tenders, and qualification of the Tenderers, the PE may, at its discretion, ask any Tenderer for a clarification of its tender. Any clarification submitted by a Tenderer that is not in response to a request by the PE shall not be considered. The PE request for clarification and the response shall be through NeST.
	29.2	If a Tenderer does not provide clarifications of its tender by the date and time set in the PE's request for clarification, its tender may be rejected.
	29.3	From the time of Tender opening to the time of Contract award if any Tenderer wishes to contact the PE on any matter related to the Tender it should do so through NeST.
30. Deviations, Reservations, and Omissions	30.1	<p>During the evaluation of tenders, the following definition apply:</p> <ul style="list-style-type: none"> a) "Deviation" is a departure from the requirements specified in the Tender document; b) "Reservation" is the setting of limiting conditions or withholding from complete acceptance of the requirements specified in the Tender document; and c) "Omission" is the failure to submit part or all of the information or documentation required in the Tender document.

G. EVALUATION OF TECHNICAL PARTS

31. Determination of Responsiveness of Technical Part	31.1	The PE will examine the Technical Part, including any alternatives submitted by Tenderers, to determine whether they are complete, have been properly signed, and are generally in order.
	31.2	<p>The PE's determination of substantial responsiveness of a Technical Part submitted by a Tenderer shall be based on the contents of the Tender itself. For purposes of this determination, a substantially responsive Tender is one that materially conforms to the requirements of the Tender Document without material deviation, reservation, or omission. A material deviation, reservation, or omission is one that:</p> <p style="margin-left: 40px;">a) if accepted, would:</p> <p style="margin-left: 80px;">(i) affect in any substantial way the scope, quality, or performance of the Works specified in the Contract; or</p> <p style="margin-left: 80px;">(ii) limit in any substantial way, inconsistent with the Tender Document, the PE's rights or the Tenderer's obligations under the proposed Contract; or</p> <p style="margin-left: 40px;">b) if rectified, would unfairly affect the competitive position of other Tenderers presenting substantially responsive Tenders.</p>
	31.3	Provided that a Technical Part is substantially responsive, the PE may waive any non-material non-conformity in the Technical Part.
	31.4	Provided that the Technical Part is substantially responsive, the PE may request that the Tenderer submit the necessary information or documentation, within a reasonable period of time, to rectify non-material non-conformities in the Tender related to documentation requirements.
32. Evaluation Process of Technical Parts	32.1	The PE's evaluation of Technical Parts will be carried out as specified in Section IV, Qualification and Evaluation Criteria.
	32.2	The scores to be given to technical factors and sub factors are specified in the QUALIFICATION AND EVALUATION CRITERIA
33. Evaluation of Tenderer's Qualification	33.1	The PE shall determine to its satisfaction that, on the basis of updated documentary evidence submitted in accordance with ITT 13.2(e) [Documents Comprising the Tender], and Section IV [Qualification and Evaluation Criteria], the Tenderer continues to be qualified to satisfactorily perform the Contract.
	33.2	Only Tenderers whose Technical Parts are both substantially responsive to the Tender document and are qualified shall have their "FINANCIAL PART" opened.
34. Notification of the Results of evaluation of Technical Part	34.1	<p>Following the completion of the evaluation of the Technical Parts, the PE shall make the following notifications:</p> <p style="margin-left: 40px;">(a) Notify Tenderers whose Technical Parts were considered substantially non-responsive to the requirements in the Tender, advising them of the following information:</p> <p style="margin-left: 80px;">(i) the grounds on which their Technical Parts has been considered to be non- responsive;</p> <p style="margin-left: 80px;">(ii) "Financial Parts" will remain unopened.;</p> <p style="margin-left: 40px;">(b) Simultaneously, notify those Tenderers whose Technical Parts were considered substantially responsive to the requirements in the Tender, advising them that their Technical Part has been evaluated as substantially responsive to the Tender; and</p> <p style="margin-left: 40px;">(c) Notify all Tenderers in accordance with the one of</p>

		following two options:
		(i) <u>Option 1</u> : when Best and Final Offer (BAFO) is not to be applied, as specified in the ITT 35 , the date and time of opening of Financial Part, or;
		(ii) <u>Option 2</u> : when BAFO apply [that: (i) 'Financial Parts' will not be opened in public, but in the presence of an Evaluation Committee Cum Negotiation Team appointed by the Accounting Officer of the PE, and that (ii) the announcement of the names of the Tenderers whose Financial Parts will be opened and the total Tender Prices will be deferred to the time that the Notification of Intention to Award the contract is issued.

OPTION 1: WHEN BAFO DO NOT APPLY

H. OPENING THE FINANCIAL PART

35. Public Opening of Financial Part when BAFO do not apply	35.1	When BAFO do not apply as specified in the TDS , the Financial Part will be opened by the PE following the notification of Tenderers in accordance with ITT 34.1(c)(i) [Notification of the Results of Evaluation of Technical Part]
	35.2	Financial Parts shall be opened publicly through NeST. For each tenderer, information relating to technical score, the Tender Price, per lot (contract) if applicable, including any discounts shall be displayed.
	35.3	The Records of opening of financial parts of the Tenderers shall be displayed in the NeST.
	35.4	The PE shall read out the names of each Tenderer, the technical score, the total Proposal prices, per lot (contract) if applicable, including any discounts, the presence or absence of a Tender Security and the presence or absence of a Tender Security and any other details as the PE may consider appropriate. Only discounts read out at the public opening shall be considered for evaluation.
	35.5	The system (NeST) shall generate minutes and display them in the respective portal. The record of the Financial Part opening shall include, as minimum: (a) the name of the Tenderers whose Financial Part was opened: (b) the Tender prices, per lot (contract) if applicable, including any discounts.

I. EVALUATION OF FINANCIAL PART

36. Conversion to Single Currency	36.1	For Evaluation and comparison purposes, the currency(ies) of the Tender shall be converted into a single currency as specified in the TDS .
37. Margin of Preference	37.1	As indicated in the TDS , works utilizing this Standard Tendering Document shall provide Local Contractors with margin of preference in tender evaluation.
	37.2	Local contractors shall, in order to be considered for margin of preference, be registered with PPRA in accordance with Public Procurement Act, Cap 410.
	37.3	The PE shall, in applying margin of preference, use the Public Procurement Regulatory Authority's register of Tenderers and other statutory Professional bodies in United Republic to determine whether or not tenderers are qualified for margin preference.
	37.4	A JVCA between a foreign and local firm shall also be eligible to participate in the exclusive preference scheme in accordance with Public Procurement Act, Cap 410.
38. Evaluation Process of Financial Part	38.1	To evaluate each Tenderer's Financial Part, the PE shall consider the following: (a) the Tender Price, excluding provisional sums and the provision, if any, for contingencies in the Schedule of Priced Activities, but including Daywork items, where priced competitively; (b) price adjustment due to discounts offered in accordance with ITT 18.7 [Tender Prices]; (c) converting the amount resulting from applying (a) to (c) above, if relevant, to a single currency in accordance with ITT 36.1 [Conversion to Single Currency]; and (d) any additional evaluation factors indicated in the TDS and detailed in Section IV [Qualification and Evaluation Criteria]
	38.2	If price adjustment is allowed in accordance with ITT 18.3 [Tender Prices], the estimated effect of the price adjustment provisions of the Conditions of Contract, applied over the period of execution of the Contract, shall not be taken into account in Tender evaluation.
	38.3	If this Tender allows Tenderers to quote separate prices for different lots (contracts), each lot will be evaluated separately to determine the Most Advantageous Tender using the methodology specified in Section IV, Qualification and Evaluation Criteria. Discounts that are conditional on the award of more than one lot, or slice shall not be considered for Tender evaluation.
39. Abnormally Low Tenders	39.1	An Abnormally Low Tender is one where the Tender price, in combination with other elements of the Tender, appears so low that it raises material concerns as to the capability of the Tenderer to perform the Contract for the offered Tender Price.
	39.2	In the event of identification of a potentially Abnormally Low Tender, the PE shall seek clarifications from the Tenderer via NeST, including detailed price analyses of its Tender price in relation to the subject matter of the contract, scope, proposed methodology, schedule, allocation of risks and responsibilities and any other requirements of the Tender Document.
	39.3	After evaluation of the price analyses, in the event that the PE determines that the Tenderer has failed to demonstrate its capability to perform the Contract for the offered Tender Price, the PE shall reject the Tender.
	39.4	"Abnormally low tender" means, in the light of the PE's estimate and of all the Tenders submitted, the Tender appears to be abnormally low by not providing a margin for normal levels of profit.
40. Unbalanced or Front-Loaded Tenders	40.1	If the Tender that is evaluated as the lowest evaluated cost is, in the PE's opinion, seriously unbalanced or front loaded the PE may require the Tenderer to provide written clarifications. Clarifications may include detailed price analysis to demonstrate the consistency of the Tender prices with the scope of the Works,

		proposed methodology, schedule and any other requirements of the Tender Document.
	40.2	After the evaluation of the information and detailed price analyses presented by the Tenderer, the PE may: accept the Tender, or if appropriate, require that the total amount of the Performance Security be increased, at the expense of the Tenderer, to a level not exceeding twenty percent (20%) of the Contract Price; or reject the Tender

J. EVALUATION OF COMBINED TECHNICAL AND FINANCIAL PART

41. Evaluation of Combined Technical and Financial Parts	41.1	The PE's evaluation of responsive Tenders will take into account technical factors, in addition to cost factors in accordance with Section IV Qualification and Evaluation Criteria. The weight to be assigned for the technical factors and cost is specified in the TDS . The PE will rank the Tenders based on the evaluated Tender score (B).
42. Most Advantageous Tender (MAT)	42.2	<p>The Most Advantageous Tender (MAT) is the Tender of the Tenderer that meets the Qualification Criteria, and whose Tender has been determined to be:</p> <ul style="list-style-type: none"> (a) substantially responsive to the Tender; and (b) the best-evaluated tender i.e. the highest-scoring tender, in the combined technical and financial parts evaluation.
43. Negotiations	43.1	The PE shall conduct negotiations following the evaluation of the Tender and before the final contract award. The procedure of the negotiations will be specified in the TDS .
	43.2	Negotiations may address any aspect of the contract so long as they do not change the specified business function and performance requirements.
	43.3	The PE may negotiate first with the Tenderer that has the Most Advantageous Tender. If the negotiations are unsuccessful the PE may negotiate with the Tenderer that has the next best Most Advantageous Tender, and so on down the list until a successful negotiated outcome is achieved.

OPTION 2: WHEN BAFO APPLIES

44. Opening of Financial Part when BAFO apply	44.1	When, as specified in the TDS , that BAFO applies the Financial Part will not be opened in public, and will be opened in the presence of an Evaluation Committee <i>cum</i> Negotiation Team appointed by the Accounting Officer of the PE
	44.2	The opening and evaluation of Financial Parts, and the follow-up negotiations with each of the Tenderers shall be confidential. For that purpose, the Accounting Officer of the PE, shall appoint an extra member of appropriate seniority to be part of the Evaluation Committee <i>cum</i> Negotiation Team whose role shall be to oversee the integrity and probity of the procurement process from opening of financial process and submission of Best and Final Offers by the Tenderers.
	44.3	The Evaluation Committee <i>cum</i> Negotiation Team shall record, for each substantially responsive Tenderer, the technical score, the Tender prices, per lot (contract) if applicable, including any discounts, the presence or absence of a Tender Security and any other details as the PE may consider appropriate.
	44.4	The Evaluation Committee <i>cum</i> Negotiation Team shall prepare minutes of financial part opening and these shall not be disclosed to the public.
45. Evaluation Process of Financial Part	45.1	The Evaluation Committee <i>cum</i> Negotiation Team shall evaluate Financial Part of each substantially responsive Tenderer in the manner prescribed in ITT 36 [Conversion to Single Currency], ITT 37 [Margin of Preference], ITT 38 [Evaluation Process of Financial Part], ITT 39 [Abnormally Low Tenders], and ITT 40 [Unbalanced or Front-Loaded Tender]
	45.2	The PE shall reject a Tenderer whose Financial Part is not substantially responsive.
	45.3	The Evaluation Committee <i>cum</i> Negotiation Team shall not disclose price or market information of any Tenderer.
46. Preparations for Negotiations with Tenderers	46.1	Following the evaluation of Financial Parts of substantially responsive Tenderers, the Evaluation Committee <i>cum</i> Negotiation Team shall prepare Negotiation Plan incorporating all areas in which the Team will need to negotiate with the Tenderer.
	46.2	The PE shall send an invitation, together with the areas for negotiation contained in the negotiation plan, to the substantially responsive tenderers to attend the negotiations. The invitation shall state the dates and time for which each Tenderer will be required to attend the negotiation meeting.
	46.3	Tenderers should be accorded enough time to prepare for the negotiations.
47. Simultaneous Negotiations	47.1	The appointed Negotiation Team by the Accounting Officer shall conduct negotiations following the evaluation of Tender and before the final contract award. The procedure of the negotiations will be specified in the TDS .

	47.2	To ensure consistent negotiations results, areas of negotiations as contained in the negotiation plan shall be the same for all Tenderers, and the Team conducting the negotiation shall be the same until the negotiation process is concluded
	47.4	Negotiations may address any aspect of the Tenderers Technical and Financial Parts so long as they do not change the specified business function and performance requirements.
	47.5	One party to the negotiations shall not reveal to any other person any technical, price or other market information relating to the negotiations without the consent of the other party.
	47.6	The opportunity to participate in negotiations shall be extended to all tenderers that have submitted Tenders and whose Tenders have not been rejected.
48. Best and Final Offer (BAFO)	48.1	After completion of simultaneous negotiations with the Tenderers, the PE may invite those Tenderers to submit their BAFOs. BAFO is a final opportunity for Tenderers to improve their Tenders without changing the specified business function and performance requirements in accordance with the Tender Document. Tenderers are not obliged to submit a BAFO. Where BAFO is used there will be no negotiation after BAFO.
	48.2	BAFO will consist of both Technical and Financial Parts. opening of the Technical Part and Financial Part and the evaluation will follow the procedures described in ITT 41 for the Evaluation of Combined Technical and Financial Parts
	48.3	Following the evaluation of the submitted BAFO, the PE shall determine the Most Advantageous Tender (MAT) which is the BAFO of a Tenderer that meets the Qualification Criteria, and whose Tender has been determined to be substantially responsive to the Tender; and is the best evaluated tenderer. the highest scoring tender, in the combined technical and financial parts evaluation.

K. AWARD OF CONTRACT

49. PE's Right to Accept Any Tender, and to Reject Any or All Tenders	49.1	The PE reserves the right to accept or reject any Tender, and to annul the Tender process and reject all Tenders at any time prior to contract award, without thereby incurring any liability to Tenderers. In case of annulment, all Tenders submitted and specifically, Tender Securities shall be promptly returned to the Tenderers.
50. Notification of Intention to Award the Contract	50.1	Prior to awarding of the contract, the PE shall issue a notice of intention to award the contract in the format provided in Section V [Tendering Forms], The notice shall be issued through NeST to all Tenderers who participated in the tender in question giving them Five (5) calendar days within which to submit complaints to the PE thereof, if any
	50.2	Where no complaints have been lodged, the Tenderer whose tender has been accepted will be notified by Letter of Acceptance, in the format provided in Section IX [Contract Forms- Letter of Acceptance], through NeST of the award by the PE prior to expiration of the Tender validity period.
	50.3	The notification of award will be part of documents forming the Contract, subject to the Tenderer furnishing evidence of registration with relevant statutory bodies within the country and furnishing the Performance Security, and if applicable, the Environmental and Social Performance Security, in accordance with ITT 53 [Performance Security] and signing the Contract in accordance with ITT 54.2 [Signing of Contract]
	50.4	Upon the successful Tenderer's furnishing of the performance security pursuant to ITT 53 [Performance Security], and if applicable, the Environmental and Social Performance Security, the PE will promptly notify unsuccessful Tenderers, the name of the winning Tenderer and the Contract amount and will discharge the Tender security of the unsuccessful Tenderers pursuant to ITT 21.9 [Tender Security].
51. Award Criteria	51.1	Subject to ITT 49.1 [PE's Right to Accept Any Tender, and to Reject Any or All Tenders], the PE shall award the Contract to the Tenderer with the Most Advantageous Tender, provided that the Tenderer is determined to be eligible and qualified to perform the Contract satisfactorily.
52. Notification of Award	52.1	Prior to the date of expiry of the Tender validity, and upon expiry of the Standstill Period, specified in ITT 50.1 [Notification of the Intention to Award the Contract] and upon satisfactorily addressing any complaint that has been filed within the Standstill Period, the PE shall notify the successful Tenderer, through NeST, that its Tender has been accepted.
	52.2	The notification of award (hereinafter and in the Conditions of Contract and Contract Forms called the "Letter of Acceptance") shall specify the sum that the PE will pay the Contractor in consideration of the execution of the Contract (hereinafter and in the Conditions of Contract and Contract Forms called "the Contract Price").

	52.3	The notification of award will constitute the formation of the Contract, subject to the Tenderer furnishing evidence of registration with relevant statutory bodies within the country and furnishing the Performance Security in accordance with ITT 55 [Performance Security] and signing the Contract in accordance with ITT 54.1 [Signing of Contract]
	52.4	Upon the successful Tenderer's furnishing of the performance security pursuant to ITT 53 [Performance Security], the PE will promptly notify unsuccessful Tenderers, the name of the winning Tenderer and the Contract amount and will discharge the Tender security or Tender securing declaration of the unsuccessful Tenderers pursuant to ITT 21 [Tender Security or Tender Securing Declaration].
53. Performance Security	53.1	Within fourteen (14) calendar days of the receipt of the Letter of Acceptance from the PE, the successful Tenderer shall furnish the Performance Security and if required in the TDS , the Environmental and Social (ES) Performance Security, in accordance with the General Conditions, subject to ITT 42.2 [Unbalanced or Front-Loaded Tenders], using the Performance Security and ES Performance Security Forms included in Section X, Contract Forms, or another form acceptable to the PE.
	53.2	If the performance security furnished by the successful Tenderer is in the form of a bond, it shall be issued by a bonding or insurance company that has been determined by the successful Tenderer to be acceptable to the PE. A foreign institution providing a bond shall have a correspondent financial institution located in Tanzania.
	53.3	Failure of the successful Tenderer to submit the above-mentioned Performance Security and if required in the TDS , the Environmental and Social (ES) Performance Security, or sign the Contract shall constitute sufficient grounds for the annulment of the award and forfeiture of the Tender security. In that event the PE may award the Contract to the next lowest evaluated Tenderer whose offer is substantially responsive and is determined by the PE to be qualified to perform the Contract satisfactorily.
54. Signing of Contract	54.1	Promptly after notification of award, PE shall send the successful Tenderer the draft Contract incorporating all terms and conditions as agreed by the parties to the contract.
	54.2	Within fourteen (14) calendar days after furnishing the performance security, and if applicable Environment and Social Performance Security, the successful Tenderer and the PE shall sign the Contract.
	54.3	Upon parties signing the Contract, the PE will promptly notify unsuccessful Tenderers, the name of the winning Tenderer and the Contract amount and will discharge the Tender security of the unsuccessful Tenderers pursuant to ITT 21.9 [Tender Security or Tender Securing Declaration].

55. Advance Payment	55.1	The PE will provide an Advance Payment if stipulated in the Conditions of Contract, subject to a maximum amount, as stated in the TDS .
	55.2	The Advance Payment request shall be accompanied by an Advance Payment Security (Guarantee) in the form provided in Section XI. For the purpose of receiving the Advance Payment, the Tenderer shall make an estimate of, and include in its Tender, the expenses that will be incurred in order to commence work. These expenses will relate to the purchase of equipment, machinery, materials, and on the engagement of labour during the first month beginning with the date of the PE's "Notice to Commence" as specified in the Special Conditions of Contract.
56. Dispute Avoidance and Resolution Board (DARB)	56.1	<p>appointment of the Sole Member of DARB, the Adjudicator shall be appointed by the Appointing Authority named in the TDS and designated in the Special Conditions of Contract at the request of either party</p> <p style="text-align: center;">OR</p> <p>The PE proposes three names shown in the TDS and SCC, and whose CVs are Appended, to be members of DARB. The Tenderer, shall in his Form of Tender, propose three names as well. If the names are not agreed, the Appointing Authority named in the TDS shall be consulted to appoint members of Dispute Avoidance and Resolution Board.</p>
57. Fraud Corruption, Coercion, Collusion, Fraudulent and Obstructive Practices	57.1	<p>The Government of Tanzania requires that PEs (including beneficiaries of Government funded projects and procurement) as well as Tenderers under Government financed contracts, observe the highest standard of ethics during the procurement and execution of such contracts. In pursuance of this policy, the Government:</p> <p>a) defines, for the purpose of this provision, the</p>
		<p>terms set forth below as follows: -</p> <p>i). "corrupt practice" means the offering, giving receiving or soliciting of anything of value to influence the action of a public officer in the procurement process or contract execution;</p> <p>ii). "coercive practice" means impairing or harming, or threatening to impair or harm directly or indirectly, any party or the property of the party for the purpose of influencing improperly the action or that party in connection with public procurement or in furtherance of corrupt practice or fraudulent practice;</p> <p>iii). "fraudulent practice" means a misrepresentation of facts in order to influence a procurement process or the execution of a contract to the detriment of the Government or a public body and includes collusive practices among Tenderers, prior to or after submission designed to establish tender prices at artificial non-competitive levels and to deprive the Government of the benefits of free and open competition;</p>

		<p>iv). “obstructive practice” means acts intended to materially impede access to required information in exercising a duty under this Act;</p> <p>b) The PE will reject a Tender for award if it determines that the Tenderer recommended for award has engaged in corrupt, coercive, collusive, fraudulent or obstructive practices incompeteting for the contract;</p> <p>c) PPRA will declare a firm ineligible for a period of ten years, to be awarded a public-financed contract if it at any time it determines that the firm has engaged in corrupt, coercive, collusive, fraudulent or obstructive practices in competing for, or in executing, a public – financed contract</p>
	57.2	PPRA reserves the right, where a firm has been found by a foreign country, international organization or other foreign organization to have engaged in corrupt, coercive, collusive, fraudulent or obstructive practices, to declare that such a firm is ineligible, for a period of ten years to be awarded a public financed Contract in the United Republic of Tanzania.
	57.3	The Government of the United Republic of Tanzania will have the right to require that, in contract financed by the Government of the United Republic of Tanzania a provision be included requiring suppliers and contractors to permit the Government of the United Republic of Tanzania to inspect their accounts and records relating to the performance of the contract and to have them audited by auditors appointed by the Government of the United Republic of Tanzania.
	57.4	Any communications between the Tenderer and the PE related to matters of alleged corruption, coercion, collusion, fraudulent or obstruction practices must be made through NeST.

G. REVIEW OF PROCUREMENT DECISIONS

58. Right to Review	58.1	A Tenderer who claims to have suffered or that may suffer any loss or injury as a result of a breach of a duty imposed on a PE or an approving authority in the course of these procurement proceedings may seek a review in accordance with the procedure set out under this Section.
59. Time Limit on Review	59.1	The Tenderer shall submit an application for review within Seven (7) calendar days of the Tenderer becoming or should have become aware of the circumstances giving rise to the complaint or dispute.
60. Submission of Applications for Review	60.1	Any application for administrative review shall be submitted through NeST to the Accounting Officer of a PE and a copy to Public Procurement Regulatory Authority (PPRA).
	60.2	For PEs with delegated Tender Boards, applications for administrative review for tenders floated by the delegated PMUs shall be submitted through NeST to the Accounting Officer with a copy served to the delegated Accounting Officer and Public Procurement Regulatory Authority (PPRA).
	60.3	<p>The application for administrative review shall include:</p> <ul style="list-style-type: none"> a) details of the procurement requirements to which the complaint relates; b) details of the provisions of the Act, Regulation or provision that has been breached or omitted; an explanation of how the provisions of the Act, Regulation or provision has been breached or omitted, including the dates and name of the responsible public officer, where known; c) documentary or other evidence supporting the complaint where available; d) remedies sought; and e) any other information relevant to the complaint.
	60.4	The Accounting Officer (AO) of a PE shall not entertain a complaint or dispute or continue to do so after the procurement Contract has entered into force
61. Decision by the AO of PE	61.1	<p>The AO of a PE shall, within Seven (7) calendar days after receipt of the complaint or dispute, deliver a written decision through NeST that shall indicate:</p> <ul style="list-style-type: none"> a) whether the application is upheld in whole, in part or rejected. b) the reasons for the decision; and c) any corrective measures to be taken.
	61.2	Where the AO of PE does not issue a decision within the time specified in ITT 61.1, the Tenderer submitting the complaint or dispute or the PE shall be entitled to institute proceedings under ITT 62.1 [Review by the Public Procurement Appeals Authority (PPAA)] within seven (7) calendar days after such specified time and upon instituting such proceedings, the competence of the of AO a PE to entertain the complaint or dispute shall cease.

62. Review by the Public Procurement Appeals Authority	62.1	<p>Complaints or disputes which:</p> <p>(a) are not settled within the specified period under ITT 61.1 [Decision by the AO of PE];</p> <p>(b) the tenderer is not satisfied with the decision of the accounting officer; or</p> <p>(c) arise after the procurement contract has entered into force pursuant to ITT 54 [Signing of Contract],</p> <p>shall be referred to the Appeals Authority through NeST within seven (7) calendar days from the date when the Tenderer received the decision of the accounting officer or, in case no decision is issued after the expiry of the time stipulated under ITT 60 [Submission of Applications for Review] or when the Tenderer become aware or ought to have become aware of the circumstances giving rise to the complaint or dispute pursuant to ITT 59 [Time Limit on Review]</p>
	62.2	PPAA may be contacted at the address shown in the TDS .

SECTION III: TENDER DATA SHEET

The following specific data for the proposed Works shall complement, supplement, or amend the provisions in the Instructions to Tenderers (ITT). Whenever there is a conflict, the provisions herein shall prevail over those in ITT.

A: INTRODUCTION

TDS No.	Required Information/Data	ITT Clause	Information/Data to be filled by the PE
1.	Name of the PE	1.1	RUNGWE DISTRICT COUNCIL
2.	Particulars of the Contract	1.1 & 2.1	The name of the contract is: Construction of market building The tender number is: 78J2/2024/2025/W/01 Number Identification of Lots: 2 2
3.	Financial Year	2.1	2024/2025
4.	Financing Institution	2.1	Not Applicable.
5.	The Loan/Credit Number	2.1	Not Applicable
6.	Members of the JVCA	3.1	Not Applicable
7.	Site Visit	7.4	Site visit will not be held.
8.	Pre-tender Meeting	7.4	Pre-tender meeting will not take place.

B. PREPARATION OF TENDERS

TDS No.	Required Information/Data	ITT Clause	Information/Data to be filled by the PE
9.	Language of the Tender	12.1	English
10.	Additional Information/Documents to be submitted with the Technical Part	13.2 (k)	Not Applicable.
11.	Additional Information/Documents to be Submitted with the Financial Part	13.3 (e)	Not Applicable.
12.	Names of DARB Members	13.5	Tenderer shall not submit three names of DARB members in the Form of Tender - Technical Part.
13.	Alternative Tenders	17.1	NOT_ALLOWED.
14.	Single Responsibility for Design and Execution of Works	18.1	The following components of the Works will be provided under the responsibility of the PE: NA.
15.	Price Adjustment	18.3	The Price shall be FIXED.
16.	Tender Currencies	19.1	The currency in which the prices shall be quoted shall be The Tanzanian Shilling.
17.	Source of Exchange Rate	19.2	The rates of exchange to be used by the Tenderer shall be those established by the Bank of Tanzania prevailing on the tender invitation date.
18.	Tender Validity Period	20.1	120 days.
19.	Factor for Adjustment of Contract Price	20.3	The Tender Price shall be adjusted by the following factor(s): NA
20.	Form of Tender Security, Amount and Currency	21.1	Tender Security shall be in the form of: Tender Security - Bank Guarantee. The amount of Tender security is 20,000,000.00. The currency of Tender security is The Tanzanian Shilling.
21.	Other Type of Tender Security	21.2 (d)	Performance Security Declaration.
22.	Environmental and Social Performance Security	21.5 & 21.8(b)(i)	Environmental and Social Performance Securing Declaration.
22.	Power of Attorney	22.2	Written confirmation of authorization to sign on behalf of the Tenderer is: NA

C. SUBMISSION OF TENDERS

24.	Extension of Deadline for Submission of Tenders	24.3	0 days.
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D: EVALUATION OF TECHNICAL PARTS

25.	Evaluation Criteria of Technical Part	32.2	The evaluation Criteria of the Technical Part are specified in the Qualification and Evaluation Criteria.
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E: EVALUATION OF THE FINANCIAL PART

26.	Applicability of BAFO	35.1	NOT_APPLICABLE
27.	Currency for Conversion	36.1	The currency that shall be used for tender Evaluation and comparison purposes to convert, at the selling exchange rate, all Tender prices expressed in various currencies into a single currency is: The Tanzanian Shilling. The rates of exchange to be used by the Tenderer shall be those established by the Bank of Tanzania prevailing 28 days before tender opening.
28.	Margin of Preference	37.1	A margin of preference shall be NOT_APPLICABLE.
29.	Additional Factors for Evaluation of Financial Parts	38.1 (d)	The adjustments shall be determined using the following criteria: (a) Deviation in Time Schedule: Not Allowed (b) Life cycle costs: the projected operating and maintenance costs for the Works Not Applicable. Not Applicable. ; and (c) Additional Financial Evaluation Factors are Not Applicable. Not Applicable.

F: EVALUATION OF COMBINED TECHNICAL AND FINANCIAL PART

30.	Weight to be Given to Cost	41.1	The weight to be given for cost is Weight for Technical Proposal 50 plus weight for Financial Proposal 50.
31.	Negotiations	43.1	The procedure will be: Invitation For Negotiation. The procedure will be: Invitation For Negotiation.
32.	Procedure for Simultaneous Negotiations	47.1	The procedure for simultaneous negotiations shall be; Not Applicable.

G: AWARD OF CONTRACT			
33.	Performance Security	53.1	Performance Security - Bank Guarantee of 20.00 percent of the contract price.
34.	Environmental and Social Performance Security	53.3	Environmental and Social Performance Security type shall be:ES Performance Securing Declaration.
35.	Advance Payment	57.1	The advance payment shall be 20 Percent.
36.	Appointment of Members of the Dispute Avoidance and Resolution Board	56.1	MBEYA

H: REVIEW OF PROCUREMENT DECISIONS

37.	PPRA's Address	58.1	<p>The address to submit copies of complaints:</p> <p>The Chief Executive Officer, Public Procurement Regulatory Authority PSPF Dodoma Plaza, 9th Floor, Jakaya Kikwete Road, P.O. Box 2865, Dodoma, TANZANIA. Tel: +255 26 2963854 E-mail: ceo@ppra.go.tz Web: www.ppra.go.tz</p>
38.	PPAA's Address.	62.2	<p>The address for Appeal to PPAA:</p> <p>The Executive Secretary, Public Procurement Appeals Authority, Mkandarasi Place, 4th Floor, Jakaya Kikwete Road P.O.Box 1385 Dodoma Telephone +255262962411 Mobile:+255743505505 Email: info@ppaa.go.tz or es@ppaa.go.tz Website www.ppaa.go.tz</p>

SECTION IV: QUALIFICATION AND EVALUATION CRITERIA

A. Technical Part

1. Qualification

1.1. Update of Information

The Tenderer and any subcontractors shall meet or continue to meet the criteria used at the time of pre-qualification.

1.2. Financial Resources

Tenderers are required to update their profile and provide a demonstration of the access to, or availability of, financial resources such as liquid assets, unencumbered real assets, lines of credit, and other financial means, other than any contractual advance payments to meet cash-flow requirements stated by the procurement Entity.

1.3. Contractor's Representative and Key Personnel

The Tenderer must demonstrate that it will have a suitably qualified Contractor's Representative and suitably qualified (and in adequate numbers) minimum Key Personnel, as described in the PE's Requirements.

The Tenderer shall provide details of the Contractor's Representative and Key Personnel and such other Key Personnel that the Tenderer considers appropriate, together with their academic qualifications and work experience.

1.4. Equipment

The Tenderer shall provide its strategy for acquiring and maintaining the key equipment that may be needed to execute the Works in accordance with the Work Program.

1.5. Subcontractors

Any Specialized Subcontractor identified at the time of Pre-qualification shall continue to meet the applicable requirements. Any other additional subcontractors for the following major activities/ subactivities must meet the following minimum criteria:

2. Evaluation of Technical Part (ITT32)

The technical factors, and sub-factors if any, to be evaluated and the scores to be given to each technical factor and sub-factors are specified in the TDS ITT 32.2. and below in Qualification Criteria.

TECHNICAL PART SCORING METHODOLOGY

If as per ITT32.2, the technical factors (and sub-factors, if applicable) are weighted in terms of relevance, the total technical score would be the weighted average in percent.

The score for each sub- factor (i) within a factor (j) will be combined with the scores of sub- factors in the same factor as a weighted sum to form the Factor Technical Score using the following formula:

$$S_j = \sum_{i=1}^k t_{ji} * w_{ji}$$

where:

t_{ji} = the technical score for sub- factor "i" in factor "j"

w_{ji} = the weight of sub- factor "i" in factor "j",

k = the number of scored sub-factors in factor "j"

and k

$$w_{ji} = \frac{1}{k}$$

(f) The Factor Technical Scores will be combined in a weighted sum to form the total Technical Part Score using the following formula:

$$T = \sum_{j=1}^n S_j * W_j$$

where:

S_j = the Factor Technical Score of factor "j"

W_j = the weight of factor "j" as specified in the TDS

n = the number of Factors

and $\sum_{j=1}^n W_j = 1$

$j=1$

B. Financial Part

1. Margin of preference

If the TDS so specifies, the PE will grant a margin of preference of up to 10 percent to local firms or JVCA between local and foreign firms, in accordance with, and subject to, the following provisions:

- (a) Contractors applying for such preference shall provide, as part of the data for qualification, such information, including details of ownership, as shall be required to determine whether a particular contractor or group of contractors qualifies for margin of preference. The tendering documents shall clearly indicate the preference and the method that will be followed in the evaluation and comparison of tenders to give effect to such preference.
- (b) After tenders have been received and reviewed by the responsive tenders shall be classified into the following groups:
 - ii) Group A: Tenders offered by domestic contractors;
 - iii) Group B: Tenders offered by **JVCA** of domestic and foreign contractors meeting the criteria of **ITT 32.4**; or
 - iv) Group C: Tenders offered by foreign contractors.

All evaluated tenders in each group shall, as a first evaluation step, be compared to determine the lowest tender, and the lowest evaluated tenders in each group shall be further compared with each other. If, as a result of this comparison, a tender from Group A or Group B is the lowest, it shall be selected for the award. If a tender from Group C is the lowest, as a second evaluation step, all tenders from Group C shall then be further compared with the lowest evaluated tender from Group A and B. For the purpose of this further comparison only, an amount of applicable margin of preference (from 6 to 10%) of the respective tender price corrected for arithmetical errors, including unconditional discounts and excluding provisional sums and the cost of day works, if any, shall be added to the evaluated price offered in each tender from Group C. **If the Tender from Group A or B**

is the lowest, it shall be selected for award. If not, the lowest evaluated tender from Group C based on the first evaluation step shall be selected

2. Evaluation of Financial Part (ITT 41.1(f))

The following factors and methods will apply: *[use one or more of the following adjustment factors consistent with ITT 41.1 (f) of the TDS]*

(a) Time Schedule

Time for completion of the Works from the Commencement Date shall be as specified in the Special Conditions of Contract Sub-clause 1.1.3. No credit will be given for earlier completion.

Or

Time to complete the Works from the Commencement Date shall be between minimum and maximum. The adjustment rate in the event of completion beyond the minimum period shall be (%) for each week of delay from that minimum period. No credit will be given for completion earlier than the minimum designated period. Tenders offering a completion date beyond the maximum designated period shall be rejected.

(b) Life Cycle Costs

[Life cycle costing should be used when the costs of operation and/or maintenance over the specified life of the Works are estimated to be considerable in comparison with the initial cost and may vary among different Tenders. It shall be evaluated on a net present value basis. If life cycle costing is to be applied for Tender evaluation, the PE shall specify the relevant information on its application here:]

[State either life cycle costing “shall” or “shall not apply”. If life cycle costing applies for Tender evaluation, the methodology and the information expected from Tenderers shall be specified]

The factors for calculation of the life cycle cost are:

- (i) number of years for life cycle: *[Insert number of years]*,
- (ii) operating costs *[state how they will be determined]*,
- (iii) maintenance costs, including the cost of spare parts for the initial period of operation *[state*

how they will be determined], and

- (iv) Discount rate: *[insert discount rate in percent]* to be used to discount to present value all annual future costs calculated under (ii) and (iii) above for the period specified in (i).

(c) Specific additional criteria are specific below in the Qualifications and Evaluations Criteria.

Any adjustments in price that result from the above procedures shall be added, for purposes of comparative evaluation only, to arrive at an "Evaluated Tender Cost (C)."

(d) Multiple Contracts (ITT41.3)

If not applicable state 'Not Applicable'

If in accordance with **ITT 1.1**, Tenders are invited for more than one lot, the contract will be awarded to the Tenderer or Tenderers with the Most Advantageous Tender for the individual lots.

However, if a Tenderer, with Tenders that are substantially responsive and with highest evaluated score for individual lots, is not qualified for the combination of the lots, then the award will be made based on the highest total score for combination of lots for which Tenderers are qualified.

[Note -Example of the above scenario: A Tenderer who was pre-qualified for either Lot A or Lot B but not both submits Tenders for Lots A and B. These two Tenders are substantially responsive and get the highest total score for Lot A and Lot B respectively. In such a case, a decision has to be made on whether this Tenderer should be awarded Lot A or Lot B by considering the combined scores of Tenderers for Lot A and Lot B.]

Cross discounts for award of multiple lots will not be considered.

B. Combined Evaluation

The PE will evaluate and compare the Tenders that have been determined to be substantially responsive.

An Evaluated Tender Score (B) will be calculated for each responsive Tender using the following formula, which permits a comprehensive assessment of the evaluated cost and the technical merits of each Tender:

$$B = \frac{C_{low} T}{X + (1 - x) C T_{high}}$$

where

C = Evaluated Tender Cost

C_{low} = the lowest of all Evaluated Tender Cost among responsive Tenders

T = the total Technical Score awarded to the Tender

T_{high} = the Technical Score achieved by the Tender that was scored best among all responsive Tenders

X = weight for Cost as specified in the TDS

The Tender with the best evaluated Tender Score (B) among responsive Tenders shall be the Most Advantageous Tender provided the Tenderer is qualified to perform the Contract.

EVALUATION CRITERIA

Commercial Evaluation

1. Eligibility

Litigation History (SCORE: N/A)

Tenderers are required to provide litigation records resulting from contracts completed or ongoing under their execution (In case of Joint Venture, compliance requirements are all Parties Combined – Must Meet requirements and Each Member – Must Meet requirements).

Litigation History Start Year	2023-07-01
Litigation History End Year	2025-06-23

Completion Period (SCORE: N/A)

Tenderers are required to comply with the completion period as proposed by the procuring entity unless alternative completion period is allowed.

Completion Time (Days)	240
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Sexual Harassment Performance Declaration (SCORE: N/A)

Contractors are required to fill and submit Sexual Exploitation and Abuse (SEA)/Sexual Harassment Performance Declaration.

2. Standard Tender Forms

Tender Validity Period (SCORE: N/A)

Contractors are required to confirm with the tender validity period specified by the Procuring Entity.

Tender Validity Period (Days)	120
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Notarized Special Power of Attorney (SCORE: N/A)

Tenderers must fill in Standard Power of Attorney as per the required format and upload into the system.

Tender Security (SCORE: N/A)

Tenderer should submit tender security as per instructions to tenderers.

3. Financial Situation and Performance

Average Annual Turnover (SCORE: N/A)

Average Annual Turnover of the mentioned amount, calculated as total certified payments received for contracts in progress and/or completed within the mentioned duration. (In case of Joint Venture, compliance requirements are: All Parties Combined – Must Meet requirements, Each Member – Must Meet percentage requirements and if One Member – Must Meet percentage requirements stated).

Average Annual Turnover Amount in TZS or any other freely convertible currency	2000000000
Turnover Start Date	2021-07-01

Turnover End Date	2024-06-30
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Access to Financial Resources (Sources of Fund) (SCORE: N/A)

Tenderers are required to demonstrate details of their sources of finance that show their ability to access adequate finances to meet the cash flow requirements of current and future contracts. (In the case of a Joint Venture, compliance requirements are all Parties Combined – Must Meet requirements).

Average fund amount from all sources (any freely convertible currency proposed by bidder)	200000000
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Technical Evaluation

1. Experience

Overall Firm's General Experience (SCORE: 10)

Tenderer is required to provide details of Firms General Experience, reputation and details of previous similar assignments

Reputation (20 %)

Reputation	CONSTRUCTION
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Experience in Previous Similar Assignments (50 %)

Title of Specialization area or Similar Projects and Conditions	CONSTRUCTION OF BUILDING WORKS
Minimum number of similar projects	2
Minimum amount for similar projects (TZS)	500
Start Year for Experience in Similar Projects and Conditions	2021-07-01
End Year for Experience in Similar Projects and Conditions	2024-12-31

Firm's General Experience (10 %)

Start Year for Firm's General Experience in assignments	2021-07-01
End Year for Firm's General Experience in assignments	2024-12-30
Minimum number of general assignments	2
Minimum amount for general assignments (TZS)	1500000000

General Experience in Construction Activities (Design and Build) (SCORE: 5)

Tenderer is required to demonstrate general experience in construction activities for a period specified by the procuring entity.

Start Year	2021-07-01
End Year	2025-06-01

Specific Experience in Managing Environmental and Social Aspects (SCORE: 5)

Contractor is required to demonstrate specific experience in managing environmental and social aspects.

Specific Experience in Managing Environmental and Social Aspects	SPECIFY
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2. Technical Specifications**Key Equipment Strategy (SCORE: 5)**

Tenderers are required to provide details of the Key Equipment Strategy.

Key Equipment Strategy	SPECIFY
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Compliance to Technical Specifications (Plant, Information or Design & Build) (SCORE: 10)

Tenderers are required to comply with technical requirements (Service specifications, Technology specifications, Security Specifications, Technical Architecture, Usability, Testing and Quality Assurance, Service Specifications, Conformity to Technical requirements).

3. Key Personnel**Qualifications of Key Personnel (SCORE: 30)**

Tenderer has to provide details showing the qualifications of key personnel available for assignment based on the qualification criteria in the terms of reference.

Adequacy for the Project (50 %)

Required Similar Assignments	SUPERVISION
Minimum Number of Similar Assignments	2
Publication on Relevant Subject Matter	SPECIFY
Minimum Number of Relevant Publications	2
Required Career Attainment	2
Relevant Training Required	2

Experience in Region and Language (10 %)

Language Capabilities of the Key Experts	ENGLISH
Nationality of Key Experts	ENGLISH

General Qualifications (20 %)

Title of professional staff required	Minimum required Education level	Specialized Education	Age of the Key Personnel	Required Similar Assignments	Professional Experience and Status
SITE AGENT	BACHELOR DEGREE	CIVIL ENGINEERING	25-60 YEARS	BUILDING CONSTRUCTION	ERB REGISTERED
SITE	DIPLOMA	CIVIL	20-60	CONSTRUCTION	NA

TECHNICIAN		ENGINEERING	YEARS		
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4. Preference Schemes

Participation by National Experts (SCORE: 10)

Foreign firms are required to demonstrate mandatory inclusion of local experts. Participation by nationals among proposed key staff should be calculated as a ratio of the national Key Experts' time - input (in person - months) to the total number of Key Experts' time - input (in person - months) in the Consultant's Technical Proposal.

PE to allocate percentage of Participation by National Experts by 50% or above	20
PE to allocate percentage of Participation by National Experts between 25% - 49%	20
PE to allocate percentage of Participation by National Experts between 1% - 24%	24
PE to allocate percentage of Participation by National Experts by 0%	0

5. Technical Submission

Design Methodology (SCORE: 2)

The tenderer should provide methodology on how the assignment will be designed, i.e. Design, Development, and Implementation. The Tenderer is expected hereunder to detail clearly how he intends to execute the works and complete the entire work by the proposed program, thereafter upload the document into the system for submission.

Design Methodology	SPECIFY
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Work Program and Cash Flow Projections (SCORE: 2)

Tenderers are required to provide a Program of Work and Cash Flow Projections, thereafter upload the document into the system for submission.

Testing and Quality Assurance Requirements (SCORE: 2)

Tenderers are required to give details on Testing and Quality Assurance requirements.

Testing and Quality Assurance Requirements	SPECIFY
--	---------

Clarity of the Proposal in meeting client's requirements and expectations (SCORE: 2)

Tenderers are required to provide Clarity of the Proposal in meeting client's requirements and expectations.

Clarity of the Proposal in meeting client's requirements and expectations	SPECIFY
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Extent of the Proposal in value addition in terms of performance, functionality and/or Operational and Maintenance costs. (SCORE: 5)

Tenderers are required to provide the extent of the Proposal in value addition in terms of performance, functionality, and/or Operational and Maintenance costs, thereafter upload the document into the system for submission.

Extent of the Proposal in value addition in terms of performance, functionality and/or Operational and Maintenance costs.	SPECIFY
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Construction Management Strategy (SCORE: 10)

Tenderers are required to provide Construction Management Strategy for the assignment.

Construction Management Strategy	SPECIFY
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Method Statement for key activities (SCORE: 2)

Tenderers are required to provide details of the Methodology Statement for key activities, thereafter upload the document into the system for submission.

Method Statement for key construction activities	SPECIFY
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Proposed Project Organization Chart (SCORE: 1)

Tenderers are required to provide details of the proposed Organization Chart required for the assignment, including a description of the Project Management System, and how it will be applied.

Project Organization Chart	SPECIFY
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Risk Assessment and Proposed Management Plan (SCORE: 2)

Tenderers are required to provide a detailed Risk Assessment and Proposed Management Plan, thereafter upload the document into the system for submission.

Risk Assessment and Proposed Management Plan	SPECIFY
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Mobilization Schedule (SCORE: 2)

The tenderer is required to provide the Mobilization Schedule required for the assignment.

Mobilization Schedule	SPECIFY
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Financial Evaluation

1. Priced Bills of Quantities

Priced Bill of Quantities (SCORE: N/A)

Tenderers are required to quote each item in the Bills of Quantities as per procuring entity's requirements.

SECTION V - TENDERING FORMS

Form of Tender- Technical Part

(This form is available is the system during tender submission)

Form of Tender - Financial Part

*(This Form is available in the system
during tender submission)*

Appendix to Tender

Schedule of Cost Indexation

If in accordance with GC 13.8, prices shall be adjustable, the following method shall be used to calculate the price adjustment:

Prices payable to the Contractor, in accordance with the Contract, shall be subject to adjustment during the performance of the Contract to reflect changes in the cost of labor and material components, in accordance with the following formula:

$$P_n = a + bL_n/L_o + cE_n/E_o + dM_n/M_o + \dots$$

where:

“ P_n ” is the adjustment multiplier to be applied to the estimated contract value in the relevant currency of the work carried out in period “ n ”, this period being a month unless otherwise stated in the Special Conditions of Contract.

“ a ” is a fixed coefficient, stated in the relevant table of adjustment data, representing the non-adjustable portion in contractual payments;

“ b ”, “ c ”, “ d ”,... are coefficients representing the estimated proportion of each cost element related to the execution of the Works as stated in the relevant table of adjustment data; such tabulated cost elements may be indicative of resources such as labour, equipment and materials;

“ L_n ”, “ E_n ”, “ M_n ”, ... are the current cost indices or reference prices for period “ n ”, expressed in the relevant currency of payment, each of which is applicable to the relevant tabulated cost element on the date 30 days prior to the last day of the period (to which the particular Payment Certificate relates); and

“ L_o ”, “ E_o ”, “ M_o ”, ... are the base cost indices or reference prices, expressed in the relevant currency of payment, each of which is applicable to the relevant tabulated cost element on the Base Date.

The cost indices or reference prices stated in the Table of Adjustment Data shall be used. If their source is in doubt, it shall be determined by the Project Manager. For this purpose,

reference shall be made to the values of the indices at stated dates (quoted in the fourth and fifth columns respectively of the table).

If the currency in which the Contract price is expressed is different from the currency of the country of origin of the indices, a correction factor will be applied to avoid incorrect adjustments of the Contract price. The correction factor shall be: Z_o / Z_n , where,

Z_o = the number of units of currency of the origin of the indices which equal to one unit of the currency of the Contract
Price on the Base date, and
 Z_n = the number of units of currency of the origin of the indices which equal to one unit of the currency of the Contract
Price on the Date of Adjustment.

Schedule of Adjustment Data

[In Tables A, B, and C, below, the Tenderer shall (a) indicate its amount of local currency payment, (b) indicate its proposed source and base values of indices for the different foreign currency elements of cost, (c) derive its proposed weightings for local and foreign currency payment, and (d) list the exchange rates used in the currency conversion. In the case of very large and/or complex works contracts, it may be necessary to specify several families of price adjustment formulae corresponding to the different works involved.]

Table A. Local Currency

Index code	Index description	Source of index	Base value and date	Tenderer's related currency amount	Range of weighting Proposed by the Procuring Entity	Tenderer's proposed weighting
	Non-adjustable	—	—	—	a: * b: ----- to----- * c: ----- to----- * d: ----- to----- * e: ----- to----- * etc.	a: * b: c: d: e: etc.
Total					1.00	

[* To be entered by the PE. Whereas “a” should be a fixed percentage, b, c, d and e should specify a range of values and the Tenderer will be required to specify a value within the range such that the total weighting = 1.00]

Table B. Foreign Currency (FC)

State type: [If the Tenderer is allowed to receive payment in foreign currencies this table shall be used. If Tenderer wishes to quote in more than one foreign currency (up to three currencies permitted) then this table should be repeated for each foreign currency.]

Index code	Index description	Source of index	Base value and date	Tenderer's related source currency in type/amount	Equivalent in Foreign Currency 1	Range of weighting Proposed by the Procuring Entity	Tenderer's proposed weighting
	Non-adjustable	—	—	—		a: * b: ----- to----- * c: ----- to----- * d: ----- to----- * e: ----- to----- * etc.	a: * b: c: d: e: etc.

[* To be entered by the PE. Whereas “a” should a fixed percentage, b, c, d and e should specify a range of values and the Tenderer will be required to specify a value within the range such that the total weighting = 1.00]

Table C. Summary of Payment Currencies

Table: Alternative A

For..... [insert name of Section of the Works]

Name of payment currency	A Amount of	B Rate of	C Local currency	D Percentage of Total
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	currency	exchange (local currency per unit of foreign)	equivalent C = A x B	Tender Price(TPP) <u>100xC</u> TPP
Local currency		1.00		
Foreign currency#1				
Foreign currency#2				
Foreign currency#				
Total Tender Price				100.00
Provisional sums expressed in local currency	[To be entered by the Employer PE]		[To be entered by the PE]	
TOTAL TENDER PRICE (including provisional sum)				

Table: Alternative B

[To be used only with Alternative B Prices directly quoted in the currencies of payment. (ITT19.1)]

Summary of currencies of the Tender for _____ *[insert name of Section of the Works]*

<i>Name of currency</i>	<i>Amounts payable</i>
Local currency:	
Foreign currency #1:	
Foreign currency #2:	
Foreign currency #3:	
Provisional sums expressed in local currency	<i>[To be entered by the PE]</i>

Schedule of Priced Activities and Sub-activities

[See ITT18.1 of the Tender Data Sheet if any adaptation is needed to the text below]

The total prices of the activities in the Schedule of Priced Activities are the Tenderer's offer to complete the works on a "single responsibility" basis.

The price of any activity or sub-activity that the Tenderer may have omitted is deemed to be included in the price of other activities or sub-activities in the Schedule of Priced Activities and Sub-activities and will not be paid for separately by the PE.

Sample Schedule of Priced Activities Table

[To be completed by the Tenderer (more tables to be used by the Tenderer as appropriate)]

Activity No.	Description of Activity	Activity Price
1.	<i>e.g. Design Services</i>	
2.	<i>Mobilization</i>	
3.	<i>Construction</i>	
4.	etc.	
5.	etc.	
Total price of Activities carried forward to GrandSummary, Page		

Sample Schedule of Priced Sub-activities Table

[to be completed by the Tenderer (more tables to be used by the Tenderer as appropriate)]

Activity:

Sub-activityNo.	Description of Sub-activity	Sub-activity Price
1.	
2.	
3.	
4.	etc.	

Total price of Sub-activities carried forward to the Priced
Activity Schedule, Page

Daywork Schedule

For work of a minor or incidental nature, the Project Manager may instruct that a variation shall be executed on a daywork basis. The preferred alternative is to value the additional work in accordance with the Conditions of Contract. If a Daywork Schedule is to be included in the Tender documents, it is preferable to include nominal quantities against the items most likely to be used and to carry the sum of the extended amounts forward into the Tender Summary in order to make the basic Schedule of Daywork Rates competitive.

If a Daywork schedule is not included, Sub-Clause 13.6 of the General Conditions will not apply].

General

1. Reference is made to Sub-Clause 13.5 of the General Conditions. Work shall not be executed on a daywork basis except by written order of the Project Manager. Tenderers shall enter basic rates for daywork items in the Schedules, which rates shall apply to any quantity of daywork ordered by the Project Manager. Nominal quantities have been indicated against each item of daywork, and the extended total for Daywork shall be carried forward as a Provisional Sum to the Summary Total Tender Amount. Unless otherwise adjusted, payments for daywork shall be subject to price adjustment in accordance with the provisions in the Conditions of Contract.

Daywork Labour

2. In calculating payments due to the Contractor for the execution of daywork, the hours for labour will be reckoned from the time of arrival of the labour at the job site to execute the particular item of daywork to the time of return to the original place of departure, but excluding meal breaks and rest periods. Only the time of classes of labour directly doing work ordered by the Project Manager and for which they are competent to perform will be measured. The time of gangers (charge hands) actually doing work with the gangs will also be measured but not the time of foremen or other supervisory personnel.
3. The Contractor shall be entitled to payment in respect of the total time that labour is employed on daywork, calculated at the basic rates entered by the Contractor in the **Schedule of Daywork Rates: 1. Labour**, together with an additional percentage payment on basic rates representing the Contractor's profit, overheads, etc., as described below:
 - (a) The basic rates for labour shall cover all direct costs to the Contractor, including (but not limited to) the amount of wages paid to such labour, transportation time, overtime, subsistence allowances, and any sums paid to or on behalf of such labour for social benefits in accordance with Tanzanian law. The basic rates will be payable in local currency only.
 - (b) The additional percentage payment to be quoted by the Tenderer and applied to costs incurred under (a) above shall be deemed to cover the Contractor's profit, overheads, superintendence, liabilities, and insurances and allowances to labour, timekeeping, and clerical and office work, the use of consumable stores, water,

lighting, and power; the use and repair of stagings, scaffolding, workshops, and stores, portable power tools, manual plant, and tools; supervision by the Contractor's staff, foremen, and other supervisory personnel; and charges incidental to the foregoing. Payments under this item shall be made in the following currency proportions:

(i) foreign: percent (to be stated by Tenderer).³

(ii) local: percent (to be stated by Tenderer).

[Note to the PE:

This method of indicating profit and overheads separately facilitates the addition of further items of daywork, if needed, the basic costs of which can then be checked more easily. An alternative is to make Daywork rates all-inclusive of the Contractor's overhead and profit, etc., in which case this paragraph and the relevant Daywork Schedule should be modified accordingly.]

Daywork Materials

4. The Contractor shall be entitled to payment in respect of materials used for daywork (except for materials for which the cost is included in the percentage addition to labour costs as detailed heretofore), at the basic rates entered by the Contractor in the **Schedule of Daywork Rates: 2. Materials**, together with an additional percentage payment on the basic rates to cover overhead charges and profit, as follows:
 - (a) the basic rates for materials shall be calculated on the basis of the invoiced price, freight, insurance, handling expenses, damage, losses, etc., and shall provide for delivery to store for stockpiling at the Site. The basic rates shall be stated in local currency, but payment will be made in the currency or currencies expended upon presentation of supporting documentation.
 - (b) the additional percentage payment shall be quoted by the Tenderer and applied to the equivalent local currency payments made under (a) above. Payments under this item will be made in the following currency proportions:

- (c) the cost of hauling materials for use on work ordered to be carried out as daywork from the store or stockpile on the Site to the place where it is to be used will be paid in accordance with the terms for Labour and Construction in this schedule.

5. The Contractor shall be entitled to payments in respect of Contractor's Equipment already on Site and employed on daywork at the basic rental rates entered by the Contractor in the **Schedule of Daywork Rates: 3. Contractor's Equipment**. Said rates shall be deemed

⁴ The Tenderer shall state the percentage in a single foreign currency equivalent and the exchange rates and official sources used.

6. Incalculating the payment due to the Contractor for Contractor's Equipment employed on daywork, only the actual number of working hours will be eligible for payment, except that where applicable and agreed with the Project Manager, the travelling time from the part of the Site where the Contractor's Equipment was located when ordered by the Project Manager to be employed on daywork and the time for return journey thereto shall be included for payment.

7. The basic rental rates for Contractor's Equipment employed on daywork shall be stated in local currency, but payments to the Contractor will be made in currency proportions, as follows:
- (a) foreign: _____ percent (to be stated by the Tenderer).⁵
- (b) local: _____ percent (to be stated by the Tenderer).

⁵ The Tenderer shall state the percentage in a single foreign currency equivalent and the exchange rates and official sources used.

<i>Item no.</i>	<i>Description</i>	<i>Unit</i>	<i>Nominal quantity</i>	<i>Rate</i>	<i>Extended amount</i>
----		day	----	----	
Subtotal					
-----	Allow percent ^a of Subtotal for Contractor's overhead, profit, etc.				
Total for Daywork:Labor(carried forward to Daywork Summary, p.					

--

Schedule of Daywork Rates: 2.Materials

[illegible]

a. To be entered by the Tenderer.

Schedule of Daywork Rates: 3. Contractor's Equipment

[illegible]

a. To be entered by the Tenderer.

Daywork Summary

	<i>Amount^a()</i>	<i>% Foreign</i>
1. Total for Daywork:Labor		
2. Total for Daywork:Materials		
3. Total for Daywork:Contractor's Equipment		
Total for Daywork (Provisional Sum)(carried forward to Tender Summary, p.)		
a. The PE should insert local currency unit.		

Specified Provisional Sums

Item no.	Description	Amount
1		
2		
3		
4	[To be entered by the PE The provisional sums shall include anestimated amount to cover the PE’s portion (50%) of DARB’s fees and expenses.] provisional sums for the PE’s portion of DARB costs	
	[To be entered by the PE; Delete if not applicable:] Provisionalsums for any specific ES outcomes.	
etc.		
	Total for Specified Provisional Sums(carried forward to Grand Summary (B), p._)	

Grand Summary

<i>General Summary</i>	<i>Page</i>	<i>Amount</i>
<i>Subtotal of Activities</i>	<i>(A)</i>	
<i>Total for Daywork (Provisional Sum)*</i>	<i>(B)</i>	
<i>Specified Provisional Sumsⁱⁱ</i>	<i>(C)</i>	<i>[sum]</i>
<i>Total of Activities and Provisional Sums (A + B + C)ⁱ</i>	<i>(D)</i>	
<i>Add Provisional Sum for Contingency Allowance (if any)ⁱⁱ</i>	<i>(E)</i>	<i>[sum]</i>
<i>Tender Price (D + E) (Carried forward to Form of Tender)</i>	<i>(F)</i>	

i) All Provisional Sums are to be expended in whole or in part at the direction and discretion of the Project Manager in accordance with Sub-Clauses 13.3 and 13.5 of the General Conditions except with respect to DARB Fees and Expenses for which Sub-Clause 13.5 of the GCC

ii) To be entered by the PE.

* For evaluation purposes, Provisional Sum, other than Daywork will be excluded

Schedule of Payments

[Note to the PE

(i) If payments to the Contractor are to be made in installments pursuant to GCC Sub-Clause 14.4, then the PE shall include a table of installments here. Please note the default position in accordance with GCC Sub-Clause 14.4 when the Contract does not include a Schedule of Payments.

If not already stated in the Special Conditions of Contract, this section may include:

• Table of Instalments

• Currencies of payment,

• Applicable exchange rates,

• Plant and Materials- If GCC Sub-Clause 14.5 applies:

- 14.5(b)(i)-Plant and Materials for payment when shipped [Include list, or state N/A if this is already taken into consideration in the Table of Instalments].

- 14.5(c)(i)-Plant and Materials for payment when delivered to the Site

[Include list, or state N/A if this is already taken into consideration in the Table of Instalments]

(ii) If payments to the Contractor are to be made based on completion of Milestones (if any and as defined and described in the Contract), then the PE shall include in the Schedule of Payment making explicit reference to the Milestone payments. To minimize the risk of disagreements, such payment milestones shall be carefully specified].

Schedule of Performance Guarantees and Performance Damages

[If applicable, insert the guarantees required by the PE for performance of the Works or any part of the Works(as the case may be), and stating the applicable Performance Damages payable in the event of failure to attainany of the guaranteed performance (s). See GCC Sub- Clauses 1.1.3, 1.14 and Sub-Clauses 12.1-12.4]

TECHNICAL PART FORMS

Design Methodology

The Tenderer shall submit a design methodology that addresses as a minimum the following:

- (a) organizational arrangements for the design including team structure, roles and responsibilities, interface arrangements, design review and approval procedures, and quality assurance arrangements;
- (b) Proposed design deliverables *[PE to specify mandatory requirements appropriate to good international industry practice e.g. drainage, and temporary/permanent access for road projects]*;
- (c) design statement setting out how the Employer's Requirements will be achieved;
- (d) Any added value the Tenderer will bring including examples of innovative aspects of the design;
- (e) comments on the Employer's Requirements, including:
 - i. status of the information available and relevant design issues for the Works;
 - ii. comments on any errors, defects, or ambiguities noted in the Employer's Requirements; and
 - iii. *[details of any exceptions in the conceptual design taken to the Employer's Requirements]*;
- (f) Sustainable Procurement: sustainability aspects (e.g., energy efficiency, reduction of wastages, material reduction, sources of materials, etc.) demonstrating the Tenderer's approach and commitment to sustainable design and construction practices;
- (g) strategy for gathering baseline ES information in time to inform design development;
- (h) details of how the ES requirements, and any Tender to enhance ES outcomes, will be incorporated into all design stages, and how the implications for the construction phase have been considered;
- (i) details of the approach to managing risks, stakeholder engagement, consultation, and environmental permits/consents;
- (j) value engineering (value management) arrangements, including consideration of ES issues; and
- (k) *[modify/include any other relevant information, as appropriate.]*

Construction Management Strategy

The Tenderer shall submit a construction management strategy that addresses as a minimum:

- (a) organizational arrangements for the construction management including team structure, roles and responsibilities, interface arrangements, approval procedures, and quality assurance arrangements;
- (b) subcontractor selection and management;
- (c) proposals for training all personnel attending the site;
- (d) stakeholder engagement;
- (e) obtaining and managing consents, permits, and approvals;
- (f) site setup proposals including access, accommodation, welfare facilities, and arrangement for plant and material storage;
- (g) construction phasing proposals including sequence of work and management of conflicting activities;
- (h) ensuring that geotechnical investigations or other advanced works meet the ES requirements;
 - (i) risk management approach for geotechnical and subsurface aspects of the Works;
 - (j) quality management system including a draft of the quality management plan;
- (k) sustainability aspects demonstrating the Tenderer's approach and commitment to sustainable construction practices (e.g. energy efficiency, reduction of wastages, material reduction and sources of materials, etc.);
- (l) preparation, approval, and implementation of the Contractor's environmental and social management plan;
 - (m) preparation, approval, and implementation of the Contractor's health and safety manual;
 - (n) grievance redress mechanisms;
- (o) reporting arrangements, including topics (that include ES) and timescales in accordance with the General Conditions Sub-Clause 4.21;
 - (p) arrangements for testing upon completion of the works;
- (q) arrangements for site handover, including completion of as-built drawings, preparation of operation and maintenance manuals, and any other relevant aspects; and
 - (r) *[modify/include any other relevant information, as appropriate.]*

Method Statement for key construction activities

The Tenderer shall provide its method statements for addressing the following risks and carrying out the following construction activities. Each method statement shall describe the proposed approach, the level of staffing and experience, the safe system of work, and the equipment or materials to be used to manage risk or activity in accordance with the Employer's Requirements.

[The Employer shall identify the key risks/construction activities:

Examples:

- foundation excavation;*
- erection of steel structures;*
- prevention of Sexual Exploitation, and Abuse (SEA);*
- all traffic including construction traffic*
- ..];*

Code of Conduct for Contractor's Personnel (ES)

Note to the Employer:

The following minimum requirements shall not be modified. The Employer may add additional requirements to address identified issues, informed by relevant environmental and social assessment.

The types of issues identified could include risks associated with: labor influx, spread of communicable diseases, and Sexual Exploitation and Abuse (SEA) etc.

Delete this Box prior to issuance of the RFP documents.

Note to the Tenderer:

The minimum content of the Code of Conduct form as set out by the Employer shall not be substantially modified. However, the Tenderer may add requirements as appropriate, including to take into account Contract-specific issues/risks.

The Tenderer shall initial and submit the Code of Conduct form as part of its proposal.

Form

CODE OF CONDUCT FOR CONTRACTOR'S PERSONNEL

We are the Contractor, [enter name of Contractor]. We have signed a contract with [enter name of Employer] for [enter description of the Works]. These Works will be carried out at [enter the Site and other locations where the Work will be carried out]. Our contract requires us to implement measures to address environmental and social risks related to the Works, including the risks of sexual exploitation, sexual abuse and sexual harassment.

This Code of Conduct is part of our measures to deal with environmental and social risks related to the Works. It applies to all our staff, labourers and other employees at the Works Site or other places where the Works are being carried out. It also applies to the personnel of each subcontractor and any other personnel assisting us in the execution of the Works. All such persons are referred to as "**Contractor's Personnel**" and are subject to this Code of Conduct.

This Code of Conduct identifies the behavior that we require from all Contractor's Personnel.

Our workplace is an environment where unsafe, offensive, abusive or violent behavior will not be tolerated and where all persons should feel comfortable raising issues or concerns without fear of retaliation.

REQUIRED CONDUCT

Contractor's Personnel shall:

1. carry out his/her duties competently and diligently;
2. comply with this Code of Conduct and all applicable laws, regulations and other requirements, including requirements to protect the health, safety and well-being of other Contractor's Personnel and any other person;
3. maintain a safe working environment including by:
 - a. ensuring that workplaces, machinery, equipment and processes under each person's control are safe and without risk to health;
 - b. wearing required personal protective equipment;
 - c. using appropriate measures relating to chemical, physical and biological substances and agents; and
 - d. following applicable emergency operating procedures.
4. report work situations that he/she believes are not safe or healthy and remove himself/herself from a work situation which he/she reasonably believes presents an imminent and serious danger to his/her life or health;
5. treat other people with respect, and not discriminate against specific groups such as women, people with disabilities, migrant workers or children;
6. not engage in any form of Sexual Harassment, which means unwelcome sexual advances, requests for sexual favors, and other verbal or physical conduct of a sexual nature with other Contractor's or Employer's Personnel;
7. not engage in Sexual Exploitation, which means any actual or attempted abuse of position of vulnerability, differential power or trust, for sexual purposes, including, but not limited to, profiting monetarily, socially or politically from the sexual exploitation of another;
8. not engage in Sexual Abuse, which means the actual or threatened physical intrusion of a sexual nature, whether by force or under unequal or coercive conditions;

9. not engage in any form of sexual activity with individuals under the age of 18, except in case of pre-existing marriage;
10. complete relevant training courses that will be provided related to the environmental and social aspects of the Contract, including on health and safety matters, Sexual Exploitation and Abuse (SEA), and Sexual Harassment (SH);
11. report violations of this Code of Conduct; and
12. not retaliate against any person who reports violations of this Code of Conduct, whether to us or the Employer, or who makes use of the grievance mechanism for Contractor's Personnel or the project's Grievance Redress Mechanism.

RAISING CONCERNS

If any person observes behavior that he/she believes may represent a violation of this Code of Conduct, or that otherwise concerns him/her, he/she should raise the issue promptly. This can be done in either of the following ways:

1. Contact *[enter name of the Contractor's Social Expert with relevant experience in handling sexual exploitation, sexual abuse and sexual harassment cases, or if such person is not required under the Contract, another individual designated by the Contractor to handle these matters]* in writing at this address [] or by telephone at [] or in person at []; or
2. Call [] to reach the Contractor's hotline *(if any)* and leave a message.

The person's identity will be kept confidential, unless reporting of allegations is mandated by the country law. Anonymous complaints or allegations may also be submitted and will be given all due and appropriate consideration. We take seriously all reports of possible misconduct and will investigate and take appropriate action. We will provide warm referrals to service providers that may help support the person who experienced the alleged incident, as appropriate.

There will be no retaliation against any person who raises a concern in good faith about any behavior prohibited by this Code of Conduct. Such retaliation would be a violation of this Code of Conduct.

CONSEQUENCES OF VIOLATING THE CODE OF CONDUCT

Any violation of this Code of Conduct by Contractor's Personnel may result in serious consequences, up to and including termination and possible referral to legal authorities.

FOR CONTRACTOR'S PERSONNEL:

I have received a copy of this Code of Conduct written in a language that I comprehend. I understand that if I have any questions about this Code of Conduct, I can contact *[enter name of Contractor's contact person with relevant experience]* requesting an explanation.

Name of Contractor's Personnel: [insert name]

Signature:

Date: (day month year):

Countersignature of authorized representative of the Contractor:

Signature:

ATTACHMENT 1: Behaviors constituting Sexual Exploitation and Abuse (SEA) and behaviors constituting Sexual Harassment (SH)

ATTACHMENT 1 TO THE CODE OF CONDUCT FORM

BEHAVIORS CONSTITUTING SEXUAL EXPLOITATION AND ABUSE (SEA) AND BEHAVIORS CONSTITUTING SEXUAL HARASSMENT (SH)

The following non-exhaustive list is intended to illustrate types of prohibited behaviors.

(1) **Examples of sexual exploitation and abuse** include, but are not limited to:

- ♣ Contractor's Personnel tells a member of the community that he/she can get them jobs related to the work site (e.g., cooking and cleaning) in exchange for sex.
- ♣ Contractor's Personnel that is connecting electricity input to households says that he can connect women headed households to the grid in exchange for sex.
- ♣ Contractor's Personnel rapes, or otherwise sexually assaults a member of the community.

- ♣ Contractor's Personnel denies a person access to the Site unless he/she performs a sexual favor.
- ♣ Contractor's Personnel tells a person applying for employment under the Contract that he/she will only hire him/her if he/she has sex with him/her.

(2) Examples of sexual harassment in a work context

- ♣ Contractor's Personnel comment on the appearance of another Contractor's Personnel (either positive or negative) and sexual desirability.
- ♣ When a Contractor's Personnel complains about comments made by another Contractor's Personnel on his/her appearance, the other Contractor's Personnel comment that he/she is "asking for it" because of how he/she dresses.
- ♣ Unwelcome touching of a Contractor's or Employer's Personnel by another Contractor's Personnel.
- ♣ Contractor's Personnel tells another Contractor's Personnel that he/she will get him/her a salary raise, or promotion if he/she sends him/her naked photographs of himself/herself.

Work Program

The Tenderer shall set out a work program for the design and construction of the Works to be undertaken. The proposed work program shall be developed based on the Employer's Requirements and shall consider the following key milestones:

- (a) design of the Works, including the submission of the design deliverables, review, and approval of the design by the Project Manager;
- (b) processes and deliverables needed to commence the Works;
- (c) execution of the Works within the Time for Completion, highlighting activities imposing constraints on the construction sequence;
- (d) testing, commissioning, and handover of the completed Works;
- (e) No objection to the Contractor's MSIPs, which collectively form the C-ESMP, in accordance with the GCC Sub-Clause 4.1.7;
- (f) Constitution of the DARB; and
- (g) *[insert any other relevant information, as may be appropriate.]*

Contract Personnel Organization Chart

The Tenderers shall provide an organization chart illustrating the proposed management structure and reporting lines for delivery of the Contract. The organization chart shall include the names of all Key Personnel and the same shall be submitted through the system.

Risk assessment

The Tenderers should submit a risk register identifying the hazards anticipated during the implementation of the contract.

For the key hazards ranked by impact, the risk register shall include a description of the hazard, an assessment of the potential impact on health and safety, environment, cost, program, or other, and the proposed mitigation strategy for each hazard. This information shall be submitted through the system.

Personnel

(Tenderer shall be required to update profile on Key Personel information in order to be able to submit same during tender application)

Subcontractors

Proposed Subcontractors for Major Activities/Sub-Activities

The following Subcontractors and/or manufacturers are proposed for carrying out the activity/sub-activity indicated. For any additional subcontractor (that is not the Specialized Subcontractor accepted in the Pre-qualification process or subsequently approved by the PE by ITT 15.3), Tenderers are free to propose more than one Subcontractor for each activity/sub-activity.

Activity/Sub-Activity	Proposed Subcontractors	Nationality

Party to JVCA Information Sheet

Date: Tender No.:

Page of pages

1. Tenderer's Legal Name:

2. JVCA's Party legal name:

3. JVCA's Party Country of Registration:

4. JVCA's Party Year of Registration:

5. JVCA's Party Legal Address in Country of Registration:

6. JVCA's Party Authorized Representative Information Name:

Address:

Telephone/Fax numbers: Email Address:

7. Attached are copies of the original documents of

Articles of Incorporation (or equivalent documents of constitution or association), and/or registration documents of the legal entity named above, by ITT3.4.

In the case of a state-owned enterprise or institution, documents establishing legal and financial autonomy, operation by commercial law, and that they are not under the supervision of the Employer, by ITT3.6.

8. Included are the organizational chart, and a list of the Board of Directors.

Environmental and Social Performance Declaration

[This form should be used only if the information submitted at the time of Pre-qualification requires updating. The following table shall be filled in for the Tenderer and for JVCAs, each member of the Joint Venture, and each Specialized Subcontractor]

Tenderer's Name: *[insert full name]*

Date: *[insert day, month, year]*

Joint Venture Member's or Specialized Subcontractor's Name: *[insert full name]*

Tender No. and title: *[insert Tender number and title]*

Page *[insert page number]* of *[insert total number]* pages

Environmental and Social Performance Declaration in accordance with Section III, Qualification Criteria, and Requirements of the Pre-qualification document			
<p>No suspension or termination of the contract: An employer has not suspended or terminated a contract and/or called the performance security for a contract for reasons related to Environmental and Social (ES) performances since the date specified in Section III, Qualification Criteria, and Requirements, Sub-Factor 2.5.</p> <p>Declaration of suspension or termination of contract: The following contract(s) has/have been suspended or terminated and/or Performance Security called by an employer(s) for reasons related to Environmental and Social (ES) performance since the date specified in Section III, Qualification Criteria, and Requirements, Sub-Factor 2.5. Details are described below:</p>			
Year	Suspended or terminated portion of the contract	Contract Identification	Total Contract Amount (current value, currency, exchange rate, and TZS equivalent)
<i>[insert year]</i>	<i>[insert amount and percentage]</i>	Contract Identification: <i>[insert amount]</i> <i>[indicate complete contract name/ number, and any other identification]</i> Name of Employer: <i>[insert full name]</i> Address of Employer: <i>[insert street/city/country]</i> Reason(s) for suspension or termination: <i>[indicate main reason(s) e.g. gender-based violence; sexual exploitation or sexual abuse breaches]</i>	

<i>[insert year]</i>	<i>[insert amount and percentage]</i>	Contract Identification: <i>[indicate complete contract name/ number, and any other identification]</i> Name of Employer: <i>[insert full name]</i> Address of Employer: <i>[insert street/city/country]</i> Reason(s) for suspension or termination: <i>[indicate main reason(s)]</i>	<i>[insert amount]</i>
...	...	<i>[list all applicable contracts]</i>	...
Performance Security called by an employer(s) for reasons related to ES performance			
Year	Contract Identification	Total Contract	

	Amount (current value, currency, exchange rate andTZS equivalent)
<div>[insert year]</div> <div>Contract Identification: [indicate complete contract name/ number, and any other identification]</div> <div>Name of Employer: [insert full name]</div> <div>Address of Employer: [insert street/city/country]</div> <div>Reason(s) for calling of performance security: [indicate main reason(s) e.g. gender-based violence; sexual exploitation or abusebreaches]</div>	[insert amount]

Form of Tender Security– Demand Guarantee

Beneficiary: _____

Tender No: _____

Date: _____

Tender GUARANTEE No.: _____ Guarantor: _____

We have been informed that _____ (hereinafter called _____ “the Applicant”) has submitted or will submit to the Beneficiary its Tender (hereinafter called “the Tender”) for the execution of _____ under Tender No. _____ (“the Tender”).

Furthermore, we understand that, according to the Beneficiary’s conditions, Tenders must be supported by a Tender guarantee.

At the request of the Applicant, we, as Guarantor, hereby irrevocably undertake to pay the Beneficiary any sum or sums not exceeding _____ in total an amount of _____ (_____) upon receipt by us of the Beneficiary’s complying demand, supported by the Beneficiary’s statement, whether in the demand itself or a separate signed document accompanying or identifying the demand, stating that either the Applicant:

- (a) has withdrawn its Tender prior to the Tender validity expiry date set forth in the Applicant’s Letter of Tender, or any extension thereto provided by the Applicant; or
- (b) having been notified of the acceptance of its Tender by the Beneficiary prior to the expiry date of the Tender validity or any extension thereto provided by the Applicant, (i) has failed to execute the contract agreement, or (ii) has failed to furnish the Performance Security and, if required, an Environmental and Social (ES) Performance Security, in accordance with the Instructions to Tenderers (“ITT”) of the Beneficiary’s Tender document.

This guarantee will expire: (a) if the Applicant is the successful Tenderer, upon our receipt of copies of the contract agreement signed by the Applicant and the Performance Security and, if required, an Environmental and Social (ES) Performance Security, issued to the Beneficiary in relation to such contract agreement; or (b) if the Applicant is not the successful Tenderer, upon the earlier of (i) our receipt of a copy of the Beneficiary’s notification to the Applicant of the results of the Tender process; or (ii) twenty-eight days after the expiry date of the Tender validity.

Consequently, any demand for payment under this guarantee must be received by us at the office indicated above on or before that date.

[signature(s)]

Special Power of Attorney⁷

KNOW ALL MEN BY THESE PRESENTS THAT I the undersigned *[insert name of the Donor]* being *[insert designation]* of *[insert name of the company]* of *[insert company address]* having its registered office at *[insert physical address of company]*;

WHEREAS in course of business it is necessary to bid for tenders and enter into contracts;

NOW THEREFORE KNOW ALL MEN THAT I *[insert name of the Donor]* by virtue of authority conferred to me by the Board Resolution No *[insert Board Resolution Number]* of *[insert day]* day of *[insert Board Resolution month and year]*, do hereby ordain, nominate, authorize, empower and appoint *[insert name of Donee]* of *[insert address of the Donee]* to be our true lawful Attorney and Agent with full power and authority for us and in our names and for our accounts and benefits, to do any, or all of the following acts, in the execution of tender No. *[insert tender number]* that is to say;

To act on my behalf or for the company and do any other thing or things incidental for *[insert tender Number]* of *[insert description of procurement]* for the *[insert name of the procuring entity]*;

AND provided always that this Power of Attorney shall not revoke or in any manner affect any future Power of Attorney given to any other person or persons for such other power or powers shall remain and be of the same force and affect as if this deed has not been executed.

AND we hereby undertake to ratify everything, which our Attorney or any substitute or substitutes or agent or agents duly appointed by him under this power on his behalf herein before contained shall do or purport to do in virtue of this Power of Attorney.

SEALED with the common seal of the said *[insert name of the company]* and delivered in the presence of us this *[insert date]* day of *[insert month]* *[insert year]*.

IN WITNESS whereof we have signed this deed on this *[insert date]* day of *[insert month]* *[insert year]* at *[insert place]* for and on behalf of *[insert name of the company or Donor]*

SIGNED AND DELIVERED by the said *[insert name of Donor]* Identified to me by *[insert name]*

The latter being known to me personally this *[insert date, month and year]*

.....
DONOR

⁷ Note: Power of Attorney for a Foreign Firm may be presented in any other acceptable format

BEFORE ME:

Name:

Address:

Qualification:

Signature: _____

COMMISSIONER FOR OATHS

Acknowledgement

I *[insert name of Donee]* doth hereby acknowledge and accept to be Attorney of the said *[insert name of the company/donor]* under the Terms and Conditions contained in this Power of Attorney and I promise to perform and discharge my duties as the lawfully appointed Attorney faithfully and honestly.

SIGNED AND DELIVERED by the said *[insert name of Donee]* Identified to me by *[insert name]*
The latter being known to me personally this *[insert date, month and year]*,

.....

DONEE

BEFORE ME

Name:.....

Address:.....

Qualification:.....

Signature:_____

COMMISSIONER FOR OATHS

SECTION VI: ELIGIBLE COUNTRIES

Procurement Reference Number:

All countries are eligible except countries subject to the following provisions.

A country shall not be eligible if:

- (a) as a matter of law or official regulation, the Government of the United Republic of Tanzania prohibits commercial relations with that country, provided that the Government of the United Republic of Tanzania is satisfied that such exclusion does not preclude effective competition for the provision of goods or related services required; or
- (b) by an act of compliance with a decision of the United Nations Security Council taken under Chapter VII of the Charter of the United Nations, the Government of the United Republic of Tanzania prohibits any import of goods from that country or any payments to persons or entities in that country.

PART 2 –Procuring Entity’s Requirements

SECTION VII. EMPLOYER'S REQUIREMENTS

BILLS OF QUANTITIES

Lot Description: Constructio of new banana market buildings

Code/SN	Description	Unit of Measure	Quantity	Unit Rate	Total
Guard house					
BILL No 3	MEASURED WORKS				
ELEMENT No.1	SUBSTRUCTURE (ALL PROVISIONAL)				
1	Excavation and Earthworks;				
A	Clear site of small bushes, shrubs, undergrowth, and the like and grub up their roots	M2	47.00		
B	Excavate to remove vegetable soil 150mm over depth, convey and deposit in a permanent spoil heap over 50m away from a site	M2	47.00		
C	Excavate the trenches to receive foundation starting from stripped level over 1.5m but not exceeding 3m deep	M3	16.00		
D	Earth filling obtained from the excavations (not compacted) Around foundations	M3	12.00		
E	Earth filing of suitable excavated materials to make up level compacted in one layer first layer of 150mm	M3	10.00		
2	Disposal of water:				
A	Allow for keeping excavations free from general water (except spring or running water by any means necessary.	Lumpsum	1.00		
3	Planking and strutting.				
A	Allow for provision and subsequent removal of planking and strutting to uphold and maintain all faces of excavations.	Lumpsum	1.00		
4	Hardcore				
A	200mm thick; stone hardcore bed; leveled; compacted and sand blinded to receive damp proof membrane; measured separately.	M2	21.00		
5	Soil sterilization:				
A	Soil sterilization of gamalin solution 20Ec applied at the rate of 7litres/m2 over the hardcore	M2	21.00		

	bed				
B	Soil sterilization of gamalin solution 20Ec applied at the rate 7litres/m ² 235mm x 300mm deep on external side of the foundation walls	M	22.00		
6	Damp Proof Membrane				
A	500 Gauge polythene damp proof membranes; laid in two layers on sand blinded hardcore bed surfaces	M2	21.00		
7	CONCRETE WORK:				
	Plain insitu concrete grade '10'				
A	foundation trenches and foundation to column	M2	12.00		
	Plain insitu concrete grade '15'				
A	100mm Concrete Bed.	M2	21.00		
B	in foundation trench	M3	3.00		
C	Steps and Ramps	M3	2.00		
	in situ concrete grade '20' including mechanically vibrated around reinforcements				
A	ground beams.	M3	3.00		
8	REINFORCEMENTS:				
I	hot rolled reinforcement bars 460KN/mm² tensile strength including stirrups, spacer blocks, links, trying wire and the like to BS 4449				
A	08mm Diameter	Kg	30.00		
B	16mm diameter	Kg	106.00		
II	Fabric Wiremesh				
A	Fabric mesh reinforcements to BS 4483 ref A.393 R8-200mm both directions laid in concrete bed	m ²	21.00		
9	Formwork:				
	Vertical or battering surfaces				
A	vertical sides of ground beam	M2	7.00		
B	Edges of beds over 75mm not exceeding 150mm	M	22.00		
11	FINISHINGS				
	Render; cement and sand (1:3); trowelled				
A	12mm thick; to plinth; to concrete or block work base	M2	10.00		
10	WALLING				

A	230mm thick solid concrete blockwork wall to BS 2028 type A 5N/mm ² bedded and jointed with cement and mortar ratio (1:4)	M2	25.00		
12	DAMP PROOFING				
A	230mm wide; Hessians based damp proof course; laid on blockwork with 150mm end laps	M	22.00		
12	Prepare and apply three coats of black bituminous paint on:				
A	Rendered surfaces to plinth	M2	10.00		
ELEMENT No.2	FRAMES				
	CONCRETE WORKS:				
A	Reinforced insitu concrete grade "20" including mechanically vibrating around reinforcement to: beams	M3	1.00		
2	REINFORCEMENTS;				
	Hot rolled reinforcement bars 460N/mm² tensile strength including stirups, spacer blocks, links, tying wire and the like to BS 4449				
A	8mm Diameter	Kg	30.00		
B	16mm diameter	Kg	167.00		
3	Formworks				
	Wrought formwork to:				
A	Sides and soffits of horizontal beams.	M2	15.00		
ELEMENT NO.4	WALLING.				
1	BLOCKWORK:				
I	Solid concrete blocks to BS 6073 Type 'A' dense aggregate, average compressive strength 7N/sq mm; in cement mortar:				
A	230mm external walls	M2	57.00		
B	150mm internal walls	M2	10.00		
ELEMENT No.5	ROOFING				
1	ROOF COVERINGS				
I	28 Gauge type Aluminium/Zinc coated (IT5) roofing sheets as manufactured by the ALUCO or other equal and approved manufacturers; laid with one and a half corrugations side laps and 250mm end laps fixed to steel purlins (measured separately) with 120x8mm galvanised steel hook bolts including galvanised steel and bitumen washers and neoprene caps to bolts:				
A	Roof coverings sloping not exceeding 45 degrees from	M2	23.00		

	horizontal				
B	Ridge	M	9.00		
2	ROOF STRUCTURE				
	The following are in timber trusses Softwood pressure impregnated with preservative				
A	50X100mm Tie beam	M	23.00		
B	50X100mm Rafters	M	23.00		
C	50X100mm Struts	M	27.00		
D	50X100mm Wall Plate	M	74.00		
E	50X50mm Purlins	M	28.00		
ELEMENT No.6	DOORS:				
4	WOOD WORK				
1	45mm thick panelled doors; 50 x150 mm top, intermediate and bottom rails; 50 x 150 mm stiles; two panels infilled with 50 x 200 mm T&G horizontal boarding;; threaded both ends to receive nuts; both faces made smooth to receive "TWO PACK " polish (ms)				
A	900 X 2100mm high	No	1.00		
B	800 X 2100mm high	No	1.00		
IV	Frames and finishing:				
A	45x145mm Frames, rebated plugged to wall	M	15.00		
B	45x145mm Transome	M	4.00		
C	25x25mm glazing bead	M	4.00		
6	IRON MONGERY				
	Supplying and fixing ironmongery, "UNION" as supplied by "ASSA ABLOY" or equivalent to the approval of the Project Manager; satin anodized finish; to softwood, hardwood or the like; fixing with screw				
A	Three lever mortice lockset with furniture	No	2.00		
B	Rubber door stop plugged to concrete	No	2.00		
C	150mm stainless steel butt hinges heavy duty ASSA ABLOY or equivalent	Prs	3.00		
ELEMENT No.7	WINDOWS				
1	HEAVY DUTY ALUMINIUM ALLOY WINDOWS-DOUBLE GLAZING				
II	Supply and fix Powder coated aluminium windows comprising 80 x1.2mm aluminium extrusion frame complete with ironmongery Ref "union" stainless matt furniture, allen key locks, stainless friction stay, neoprene gasket for glazing, silicon treated polypile weather striping stainless screws including 5mm glass.				

A	Window Type W1; 2000 x 3000mm	No	2.00		
B	Window Type W1; 1000 x 800mm	No	1.00		
3	Decorative Security Grilles in galvanised m. s; welded fabrication, welds ground smooth; 50x25mm Rectangular Hollow section bars in main frame with 25mm RHS laid vertically at 100mm centres; fixing to to masonry; including drilling; red oxide primer before fixing				
A	Window Type W1; 2000 x 3000mm	No	2.00		
B	Window Type W1; 1000 x 800mm	No	1.00		
ELEMENT No.8	PLUMBING AND ENGINEERING INSTALLATIONS				
1	WATER SUPPLY				
A	Allow for supply and install 40mm gate/stop valve.	No	2.00		
B	Supply and install 40mm dia. PP-R water supply pipe from elevated tank to sanitary fittings including fittings and accessories (elbows, Tees, connectors, bends etc)	M	12.00		
C	Supply and install valves to suit the above pumps installations (gate/stop valves, Non return valves)	Item	1.00		
i	Cold Water distribution System PP-R (PN -20) pipes (all diameter is internal)				
A	32mm dia. Water supply pipe including fittings and accessories (elbows, Tees, connectors, bends etc)	m	12.00		
B	25mm diameter	M	20.00		
C	20mm diameter	M	10.00		
D	15mm diameter	M	20.00		
E	Supply and install 12mm flexible pipe connectors to wash hand basins (WHB), sink, kitchen sink (KS) etc.	No	8.00		
F	Supply and fix 15mm dia. Stop/Angle valves with hand wheel, polished by manufacturer. The valves should comply with the specifications.	No	15.00		
G	Ditto but with 20mm diameter	No	2.00		
H	Ditto but with 25mm diameter	No	2.00		

2	Sewerage Piping				
	Sewerage Piping				
A	Supply and install 150mm dia. Pipe (HDPE) for foulwater pipes inside building including fittings and standard holder bats fixing to wall or slab requiring plugging.	M	10.00		
B	Supply and install 100mm dia. Pipe (HDPE) for foulwater pipes inside building including fittings and standard holder bats fixing to wall or slab requiring plugging.	M	30.00		
C	Ditto but with dia 75mm for waste water	M	8.00		
D	Ditto but with dia 50mm for waste water	M	10.00		
E	Ditto but with dia 40mm for waste water	M	10.00		
F	Supply and install vent pipes (dia 80mm)	M	10.00		
G	Allow for elbows, bends connector traps etc. to suite the above installation.	Item	1.00		
3	External Sewerage:				
A	Allow for construction of foul water manholes of internal dimension 900 x 700mm, depth to invert level not exceeding 900mm complete with heavy duty cast iron frame and cover.	No	5.00		
B	Allow for construction of Gully trap of internal dimension 200 x 200mm.	No	3.00		
C	Allow for construction of foul water septic tank of internal dimension 3,000L x 1,000W x 1250D mm, of capacity 3,800 litres complete with all other associated accesories.	No	10.00		
D	Allow for construction of foul water soak away pit with internal dimension 3,500mm Diameter and 3,000mm Height complete with all other associated accesories.	No	1.00		
4	SANITARY FITTINGS				
A	Supply and install floor Standing WC type, manufactured by	No	2.00		

	COTTO. complete with 6 litres cistern, seat cover , s/p-trap and all other accessories, the colours to be white.				
B	Supply and install floor Standing Disabled WC type, manufactured by COTTO. complete with 6 litres cistern, seat cover , s/p-trap and all other accessories, the colours to be white.	No	2.00		
C	Supply and install wash hand basin (WHB) manufactured by COTTO Planet countertop completes with coated chromium trap and any other associated accessories(eg arabic shower).	No	2.00		
D	Supply and install basin mixer as manufactured by IDEAL STANDARD complete with associated accessories. Sample should be submitted for approval	No	1.00		
E	Supply and install douche spray	No	1.00		
F	Allow for supply and fix mirror of Vanity with size 1200mm x 2000mm to be fixed in wash hand basin.	No	1.00		
G	supply and install shower, with a shower head max. flow rate of 5litre/min complete with shower mixer, shower tray and all associated accessories.	No	1.00		
H	Supply and install 100mm diameter stainless steel floor drain	No	1.00		
I	supply and install hand drier as manufactured by xpelair with capacity 220 m3/hr XHD3 complete with all associated accessories.	No	1.00		
J	Supply and install URINALS manufactured by COTTO complete with all associated accessories.	No	2.00		
ELEMENT No.9	ELECTRICAL INSTALLATIONS				
i	Supply and install the following:				
A	POWER POINTS 2 X 13A switch socket With multipurpose ports for plugging c/w steel box	No	1.00		

	as TRONIC make OR as approved equivalent				
a)	DISTRIBUTION SYSTEM				
A	Single phase 1 distribution body (DB) 3WAYS,4MCBs c/w Single phase Circuit breaker 63A/100mA as TRONIC make OR as approved equivalent	No	1.00		
c)	LIGHT FITTINGS, FANS AND SWITCHES				
A	ESTIA Energy saver 18 W Surface luminaire complete with white base shade and opal diffuser OR as approved equivalent For toilets	No	2.00		
B	ESTIA Energy saver 24 W Surface luminaire complete with white base shade and opal diffuser OR as approved equivalent	No	1.00		
C	Bulk head security light with its LED 24 W as TRONIC make OR as approved equivalent	No	1.00		
d)	WIRING AND CABLES				
A	10A 1 gang 1 way flush TD light switch c/w steel box as TRONIC make OR as approved equivalent	No	3.00		
e)	CABLES				
A	1C x 1.5mm sq PVC copper cable as Euro make OR as approved equivalent (i)Red/Brown	m	10.00		
B	(ii) Black/Blue	M	10.00		
C	(ii)Yellow/Green	M	10.00		
f)	1C x 2.5mm sq PVC copper cable as Euro make OR as approved equivalent				
A	(i)Red/Brown	M	8.00		
B	(ii) Black/Blue	M	8.00		
C	(ii)Yellow/Green	M	8.00		
g)	2C x 10 mm sq PVC copper cable as Euro make OR as approved equivalent				
A	2C x 10 mm sq PVC copper cable as Euro make OR as approved equivalent	M	8.00		
ELEMENT No. 14	FINISHING				
a)	INTERNAL FINISHINGS				
i)	Floor finish: (Tiles, slab or block finishings)				

a)	Non - sliperly porcelain tiles with glazed surface finishes laid on regular pattern to (1:4) cement and sand bedding with mortal paste 1:2				
A	300 X 300 X 8mm thick on floor	M2	26.00		
b)	Beds and Backing				
A	Beds and backing; one coat work; cement and sand (1:4); wood floated; 34mm thick floors	M2	26.00		
ii)	Wall finish:				
a)	Internal Plastering				
A	15mm To walls, beams, columns and the like; to concrete or block work base; Internal plastering in two coats, first coat 12mm thick cement and sand mix (1:3) steel trowelled;prepare and apply second coat 3mm thick stucco steel trowelled to smooth finish,includding sanding with sand paper.	M2	57.00		
B	Render finish	M2	49.00		
b)	WALL TILES				
A	300x600mmx 8mm thick with glazed ceramic wall tiles laid regular pattern to cement and sand backing m/s with cement paste (1:2)	M2	16.00		
B	12mm thick cement and sand (1:3) backing to blockwork or wall with wood floated to receive ceramic tiles	M2	16.00		
b)	Structure timber				
i)	Pine or Cypress; grade 2; pressure impregnated; treated with timber preservative				
A	50 x 75mm brandering	M	65.00		
c)	Plain Sheet Finishing				
A	9mm; scrim coat filler to tapped joints set to pattern to timber base generally to an angle not exceeding 45 degree from horizontal ceiling	M2	26.00		
B	Cornice; 50mm x 75mm	M	24.00		
ELEMENT No. 15	PAINTING AND DECORATING				
a)	INTERNAL WORK:				
i)	Prepare and apply one thinned coat and two full coats of vinyl silk paint				
A	Plastered walls	M2	57.00		

iii)	Prepare and apply three coats of 'polyurethane matt polish' or other equal and approved polish on wood surfaces				
A	Frames over 200mm not exceeding 300mm girth	M	15.00		
B	General surfaces to hardwood shutter	M2	42.00		
C	THREE COAT EMULSION PAINT To Gypsum ceiling	M2	26.00		
D	To cornice	M	24.00		
b)	EXTERNAL WORK:				
i)	External Painting				
A	Prepare and apply one undercoat and two full coats of weather guard paint on: walls and cills.	M2	49.00		
Vendor shade					
BILL No 3	MEASURED WORKS				
ELEMENT No.1	SUBSTRUCTURE (ALL PROVISIONAL)				
1	Excavation and Earthworks;				
A	Clear site of small bushes, shrubs, undergrowth, and the like and grub up their roots	M2	233.00		
B	Excavate over site to remove vegetable soil commencing at ground level average depth 150mm; deposit in spoil heaps and cart away from site	M2	233.00		
C	Excavate foundation trench commencing at stripped level; not exceeding 1.5m deep.	M3	210.00		
D	Excavate pit for column bases commencing at stripped level; not exceeding 1.5m deep.	M3	83.00		
E	Ditto; over 1.5m not exceeding 3.0m deep.	M3	58.00		
K	Back filling selected imported sand material; compact and consolidate around foundations.	M3	291.00		
M	Earth filling; selected imported sand material compacted in 300mm layers; to make up levels under the floor.	M3	48.00		
2	Disposal of water:				
A	Allow for keeping excavations free from general water (except spring or running water by any	Lumpsum	1.00		

	means necessary.				
3	Planking and strutting.				
A	Allow for provision and subsequent removal of planking and strutting to uphold and maintain all faces of excavations.	Lumpsum	1.00		
4	Hardcore				
A	200mm thick; stone hardcore bed; leveled; compacted and sand blinded to receive damp proof membrane; measured separately.	M2	93.00		
5	Soil sterilization:				
A	Gammalin 20 solution or equal and approved; applied at a rate of 450ml per square metre over hardcore surfaces beds and top of foundation walls.	M2	93.00		
B	Ditto; at a rate of 450ml per linear metre of 300mm. width to 235x 600mm. deep backfilling to one external side of foundations.	M	30.00		
6	Damp Proof Membrane				
A	500 Gauge polythene damp proof membranes; laid in two layers on sand blinded hardcore bed surfaces	M2	93.00		
7	CONCRETE WORK:				
	Plain insitu concrete grade '10'				
A	50mm Blinding.	M2	79.00		
	Plain insitu concrete grade '15'				
A	150mm Concrete Bed.	M2	123.00		
B	in foundation trench	M3	13.00		
	Plain insitu concrete grade '20'				
A	ground beams.	M3	2.00		
B	Column bases	M3	13.00		
C	Columns	M3	1.00		
8	REINFORCEMENTS:				
I	High tensile steel bar reinforcements with a strength of 500N/mm² to BS 4449:1969: including bends, hooks, tying wire, ordinary spacers and distance blocks:				
A	08mm Diameter	Kg	141.00		
D	16mm Diameter	Kg	2,200.00		
II	Fabric Wiremesh				

A	Fabric mesh reinforcements to BS 4483 ref A.393 R8-200mm both directions laid in concrete bed	m2	107.00		
9	Formwork:				
	Vertical or battering surfaces				
A	vertical sides of ground beam	M2	18.00		
B	Vertical sides of column base	M2	19.00		
C	Vertical sides of columns	M2	12.00		
D	Edges of beds over 75mm not exceeding 150mm	M	64.00		
10	WALLING				
	Solid concrete blocks to BS 6073 Type 'A' dense aggregate, average compressive strength 7N/sq mm; in cement mortar				
A	230mm Wall	M2	91.00		
12	DAMP PROOFING				
A	230mm wide; Hessians based damp proof course; laid on blockwork with 150mm end laps	M	30.00		
ELEMENT No.5	ROOFING				
1	ROOF COVERINGS				
I	Sheet Roofing; pre-painted IT 5 - 28gauge 'ALAF', roofing sheet fixing in accordance with the manufacturer's Instructions				
A	Fixing to Z-purlins at 1000mm general spacing with approved nails	M2	123.00		
II	Structure Steel work; welded frame. BS 4360 Grade 43A, including all necessary connections, fixings, site welded and bolted, Hoisting and fixing in position; all to Engineer Approval				
C	150 x 50 x 3mm thick Z-purlins	M	9.00		
D	25mm diameter black pipe for truss	M	471.00		
E	150mm diameter black pipe for stanchion	M	45.00		
External solar lighting system					
2.0	STREET LIGHTS				
A	Excavate trench to accommodate base and chamber	No	6.00		
B	LED SOLAR STREET LIGHT complete with lithimus battery N 200 and its solar panel 200W EcoMAX 150W COMPLETE WITH 8M HIGH	No	5.00		

	GALVANIZED STEEL POLE AS OPPL 5700- GD-GP				
Garbage house					
BILL No 3	MEASURED WORKS				
ELEMENT No.1	SUBSTRUCTURE (ALL PROVISIONAL)				
1	Excavation and Earthworks;				
A	Excavate over site to remove vegetable soil commencing at ground level average depth 150mm; deposit in spoil heaps and put aside for reuse	M3	140.00		
B	Excavate foundation trench commencing from stripped level; not exceeding 1.5m. deep.	M3	53.00		
C	Back filling selected imported material; compact and consolidate around foundations.	M3	25.00		
D	Earth filling; selected imported pure sand material compacted in 200mm layers; to make up levels under the	M3	23.00		
E	Remove surplus excavated material away from site.	M3	28.00		
4	Hardcore				
A	200mm thick; stone hardcore bed; leveled; compacted and sand blinded to receive damp proof membrane; measured separately.	M2	88.00		
5	Soil sterilization:				
A	Aldrin 0.50% solution applied at a rate of 7 litres per square metre to	M2	88.00		
B	Ditto; at 300mm. width to 235x600mm, deep backfilling to one external sides of foundations	M	61.00		
7	CONCRETE WORK:				
	Plain insitu concrete grade '10'				
A	50mm Blinding.	M2	59.00		
	Plain insitu concrete grade '15'				
A	100mm Concrete Bed.	M2	89.00		
B	Foundations	M3	8.00		
8	REINFORCEMENTS:				
I	High tensile steel bar reinforcements with a strength of 500N/mm2 to BS 4449:1969: including bends, hooks, tying wire, ordinary spacers and distance				

	blocks:				
A	08mm Diameter	Kg	60.00		
B	12mm diameter	Kg	209.00		
9	Formwork:				
	Vertical or battering surfaces				
A	vertical sides of ground beam	M2	18.00		
B	Edges of beds over 75mm not exceeding 150mm	M	59.00		
10	WALLING				
A	Solid concrete blocks to 5N/mm ² strength; bedded and jointed in cement and sand mortar (1:4) 230mm. Foundation Wall	M2	55.00		
B	SUPERSTRUCTURE WALLING 230mm. Internal Wall	M2	31.00		
C	230mm. External Wall	m2	97.00		
ELEMENT No.2	FRAMES				
	CONCRETE WORKS:				
A	reinforced in situ concrete grade '20' including mechanically vibrated around reinforcers to; Horizontal beams.	M3	2.00		
2	REINFORCEMENTS;				
	hot rolled reinforcement bars 460KN/mm² tensile strength				
C	12 mm Diameter	Kg	108.00		
B	8mm diameter	Kg	67.00		
3	Formworks				
	Wrought formwork to:				
A	Sides and soffits of horizontal beams.	M2	35.00		
ELEMENT No.5	ROOFING				
1	ROOF COVERINGS				
I	Troughed IT 5 Profile coloured Aluminium roofing sheets Gauge "28", lapped to sides and ends as per manufacture's specification; fixed to purlins (m/s)				
A	Roof coverings sloping not exceeding 45 degrees from horizontal	M2	159.00		
2	ROOF STRUCTURE				
	The following are in timber trusses Softwood pressure impregnated with preservative				

A	100x50mm Rafters	M	55.00		
B	100x50mm Tie beam	M	43.00		
C	100x50mm Struts	M	45.00		
D	50x50mm Purlins	M	35.00		
ELEMENT No. 14	FINISHING				
a)	INTERNAL FINISHINGS				
i)	Floor finish: (Tiles, slab or block finishings)				
a)	POLISHED TERRAZO: First coat of 35mm thick water proof cement and sand (1:3) second coat of 15mm thick coloured cement and marble aggregate (1:2:5) including 15 x 3mm plastic dividing strips at 1200 centres: in;				
A	Floors	M2	88.00		
B	150 X 150mm skirting	m	88.00		
ii)	Wall finish:				
a)	Internal Plastering				
A	15mm To walls, beams, columns and the like; to concrete or block work base; Internal plastering in two coats, first coat 12mm thick cement and sand mix (1:3) steel trowelled;prepare and apply second coat 3mm thick stucco steel trowelled to smooth finish,including sanding with sand paper.	M2	146.00		
b)	EXTERNAL FINISHINGS				
ii)	Wall finish				
a)	External Plastering				
A	15mm To walls; to concrete or block work base; External plastering in two coats, first coat 12mm thick cement and sand mix (1:3) steel trowelled;prepare and apply second coat 3mm thick stucco steel trowelled to smooth finish,including sanding with sand paper.	M2	150.00		
ELEMENT No. 15	PAINTING AND DECORATING				
a)	INTERNAL WORK:				
A	40mm thick solid core flush door, faced with wood glued under pressure to the core; including 10mm thick hardwood solid lipping to all four edges. 900 x 1500mm High	No	3.00		

i)	Prepa re and apply one thinned coat mixed with fungicidal primer and two full coats of silk acrylic emulsion paint as per the Architect's approval on:				
B	Plastered walls	M2	146.00		
b)	EXTERNAL WORK:				
i)	External Painting				
A	Prepare and apply one undercoat and two full coats of weather guard paint on: walls and cills.	M2	125.00		
Generator hut					
BILL No 3	MEASURED WORKS				
ELEMENT No.1	SUBSTRUCTURE (ALL PROVISIONAL)				
1	Excavation and Earthworks;				
C	Excavate foundation trench commencing at stripped level; not exceeding 1.5m deep.	M3	28.00		
4	Hardcore				
A	200mm thick; stone hardcore bed; leveled; compacted and sand blinded to receive damp proof membrane; measured separately.	M2	18.00		
7	CONCRETE WORK:				
	Plain insitu concrete grade '10'				
A	50mm Blinding.	M2	28.00		
	Plain insitu concrete grade '15'				
A	150mm Bed.	M2	16.00		
	Plain insitu concrete grade '20'				
A	Ground beam	M3	1.00		
B	Columns	M3	1.00		
8	REINFORCEMENTS:				
I	hot rolled reinforcement bars 460KN/mm2 tensile strength				
A	08mm Diameter	Kg	80.00		
D	16mm Diameter	Kg	80.00		
9	Formwork:				
	Vertical or battering surfaces				
A	vertical sides of column base	M2	12.00		
B	To vertical sides of columns.	M2	3.00		
F	To vertical sides and soffits of ground beams and water tank beams	M2	3.00		
S	Edges of beds over 75mm not	M	1.00		

	exceeding 150mm				
10	WALLING				
A	Solid concrete blocks to 5N/mm ² strength; bedded and jointed in cement and sand mortar (1:4) 230mm. Foundation	m2	23.00		
ELEMENT NO.4	WALLING.				
1	WALLS				
I	Chain Link				
A	3000mm high galvanized chain link fencing with 3mm m diameter green coated mild steel diagonal mesh size 50x50mm tied to 3mm diameter mild steel straining wire	M	12.00		
II	Metal works:				
A	100 mm diameter black pipe posts	M	18.00		
ELEMENT No.5	ROOFING				
1	ROOF COVERINGS				
I	28 Gauge type Aluminium/Zinc coated (IT5) roofing sheets as manufactured by the ALUCO or other equal and approved manufacturers; laid with one and a half corrugations side laps and 250mm end laps fixed to steel purlins (measured separately) with 120x8mm galvanised steel hook bolts including galvanised steel and bitumen washers and neoprene caps to bolts:				
A	Roof coverings sloping not exceeding 45 degrees from horizontal	M2	19.00		
B	Ridge	M	6.00		
2	ROOF STRUCTURE				
	The following are in timber trusses Softwood pressure impregnated with preservative				
A	100x50mm Rafters	M	8.00		
B	100x50mm Tie beam	M	10.00		
C	100x50mm Struts	M	10.00		
D	50x50mm Purlins	M	23.00		
Prime cost and provision sums					
BILL NO. 2	PROVISIONAL AND PC SUMS				
SECTION A	PRIME COST SUMS FOR WORKS TO BE EXECUTED BY LOCAL AUTHORITIES OR PUBLIC UNDERTAKINGS				
I	Allow sums for water supply connection				
A	Connection to water supply and	ps	1.00	3000000	3,000,000.00

	provision of meter				
B	Add: for Profit	%			
C	Add: general attendance	item	1.00		
II	Allow sums for power connection				
A	Connection to electricity supply and provision of meters by TANESCO	ps	1.00	1000000	1,000,000.00
B	Add: for profit	%			
C	Add: for general attendance	item	1.00		
IV	Allow sums for telecommunication services				
A	connection to fibre optic cable and telecommunication services	ps	1.00	10000000	10,000,000.00
Administration block					
BILL No 3	MEASURED WORKS				
ELEMENT No.1	SUBSTRUCTURE (ALL PROVISIONAL)				
1	Excavation and Earthworks;				
A	Clear site of all bushes tufts and small trees not exceeding 600mm girth and burn debris on site	M2	190.00		
B	Excavate to remove vegetable soil 150mm over depth, convey and deposit in a permanent spoil heap over 50m away from a site	m2	190.00		
C	excavate the trenches to receive foundation starting from stripped level over 1.50m but not exceed 3.0m deep.	M3	22.00		
D	Excavation of pit to receive foundation starting from stripped not exceeding 1.5metres deep	M3	7.00		
E	Earth filling obtained from the excavations (not compacted) Around foundations	M3	45.00		
E	Earth filing of suitable excavated materials to make up level compacted in one layer first layer 0f 300mm	M3	28.00		
2	Disposal of water:				
A	Allow for keeping excavations free from general water (except spring or running water by any means necessary.	Lumpsum	1.00		
B	Planking and strutting Allow for maintaining and supporting sides	Item	1.00		

	of excavations by provision of planking and strutting and for keeping the same free from fallen materials				
4	Hardcore				
A	200mm thick; stone hardcore bed; leveled; compacted and sand blinded to receive damp proof membrane; measured separately.	M2	190.00		
5	Soil sterilization:				
A	Soil sterilization of gamalin solution 20Ec applied at the rate of 7litre/m2 over the hardcore bed	M2	190.00		
B	Soil sterilization of gamalin solution 20Ec applied at the rate of 7litre/m2 235mmx300mm deep on external side of the foundation walls	M	54.00		
6	Damp Proof Membrane				
A	500 Gauge polythene damp proof membranes; laid in two layers on sand blinded hardcore bed surfaces	M2	190.00		
7	CONCRETE WORK:				
	Plain insitu concrete grade '10'				
A	50mm Blinding.	M2	40.00		
	Plain insitu concrete grade '15'				
A	in foundation trench	M2	3.00		
B	150mm thick concrete bed	M2	120.00		
C	steps and Ramps	M3	1.00		
D	reinforced in situ concrete grade '20' including mechanically vibrated around reinforcements to, ground beams.	M3	2.00		
E	Ditto;Column	m3	1.00		
F	Ditto;Foundation to column	m3	2.00		
8	REINFORCEMENTS:				
I	hot rolled reinforcement bars 460KN/mm2 tensile strength including stirrups, spacer blocks, links, tying wire and the like to BS 4449				
A	08mm Diameter	Kg	55.00		
B	16mm diameter	Kg	567.00		
II	Fabric Wiremesh				
A	Fabric reinforcement mesh BRC	m2	90.00		

	size 200 x 200mm mesh weight 2.22kg/m2 laid in one layer 150mm side an ends laps at joint including wire binds and spacer blocks				
9	Formwork:				
	Vertical or battering surfaces				
A	vertical sides of ground beam	M2	33.00		
B	Vertical sides of column	M2	13.00		
C	Vertical sides of column bases	M2	23.00		
11	FINISHINGS				
	Render; cement and sand (1:3); trowelled				
A	12mm thick; to plinth; to concrete or block work base	M2	14.00		
B	Prepare and apply two coats of black bituminous paint on rendered surfaces externally	M2	14.00		
10	WALLING				
A	230mm thick solid concrete blockwork wall to BS 2028 type A 5N/mm2 bedded and jointed with cement and mortar ratio (1:4)	M2	105.00		
12	DAMP PROOFING				
A	230mm wide; Hessians based damp proof course; laid on blockwork with 150mm end laps	M	23.00		
ELEMENT No.2	FRAMES				
i	Reinforced insitu concrete grade "20" including mechanically vibrating around reinforcement to,				
A	beams	M3	5.00		
B	Columns	M3	1.00		
2	REINFORCEMENTS;				
	Hot rolled reinforcement bars 460N/mm2 tensile strength including stirups, spacer blocks, links, tying wire and the like to BS 4449				
A	8mm Diameter	Kg	174.00		
B	12mm diameter	Kg	237.00		
C	16mm diameter	Kg	611.00		
3	Formworks				
	Wrought formwork to:				
A	Sides and soffits of horizontal beams.	M2	33.00		

B	to the vertical sides of columns	M2	30.00		
ELEMENT NO.4	WALLING.				
1	BLOCKWORK:				
I	Solid concrete blocks to BS 6073 Type 'A' dense aggregate, average compressive strength 7N/sq mm; in cement mortar:				
A	230mm external walls	M2	174.00		
B	230mm internal walls	M2	150.00		
C	150mm internal walls	M2	133.00		
ELEMENT No.5	ROOFING				
1	ROOF COVERINGS				
I	IT - 5 Roofing Sheet, "Gauge 28" aluminium sheeting lapped 150mm at joints and fixed with aluminium hook bolts, nut and washers at 3000mm centres				
A	Roof coverings sloping not exceeding 45 degrees from horizontal	M2	153.00		
III	IT - 5 Roofing Sheet, "Gauge 28" aluminium sheeting lapped 150mm at joints and fixed with aluminium hook bolts, nut and washers at 3000mm centres				
A	Ridge/valley	M	15.00		
2	ROOF STRUCTURE				
	The following are in timber trusses Softwood pressure impregnated with preservative				
A	50X150mm Tie beam	M	138.00		
B	50X150mm Rafters	M	142.00		
C	50X100mm Struts	M	276.00		
D	50X150mm Wall Plate	M	40.00		
E	50X75mm Purlins	M	99.00		
F	Roof drainage Coated cast iron rainwater pipes to B.S 460 100mm Pipe with standard holder bats built into blockwork	M	12.00		
G	Shoe	No	4.00		
H	'Fulbora' Cast iron rainwater outlet 150mm Vertical spigot outlet with dome grating cast into concrete slab with caulked joint to cast iron pipe	NO	4.00		
ELEMENT No.6	DOORS:				
4	WOOD WORK				
1	45mm thick panelled doors; 50 x150 mm top, intermediate and bottom rails; 50 x 150 mm stiles; two panels infilled with 50 x 200 mm T&G horizontal boarding;;				

	threaded both ends to receive nuts; both faces made smooth to receive "TWO PACK " polish (ms)				
B	800 X 2100mm high	No	11.00		
C	1500 X 3000mm high	No	1.00		
A	900 X 3000mm high	No	3.00		
IV	Frames and finishing:				
A	45x145mm Frames, rebated plugged to wall	M	32.00		
B	45x145mm Transome	M	13.00		
C	15x25mm Glazing beads	M	57.00		
V	IRONMONGERY Supplying and fixing ironmongery, "UNION" as supplied by "ASSA ABLOY" or equivalent to the approval of the Project Manager; satin anodized finish; to softwood, hardwood or the like; fixing with screw				
A	Three lever mortice lockset with furniture	No	15.00		
B	Rubber door stop plugged to concrete	No	15.00		
C	50mm stainless steel butt hinges heavy duty ASSA ABLOY or Pair 23 equivalent	Prs	23.00		
ELEMENT No.7	WINDOWS				
1	HEAVY DUTY ALUMINIUM ALLOY WINDOWS-DOUBLE GLAZING				
I	Supply and fix the following purpose made Aluminium alloy windows; in INNER and OUTER panels; natural SILVER anodized finish; provided outer panels glazed with 6mm thick clear glass; and provided inner openable sliding panels fixed with black fibreglass mosquito netting (ex-USA) or equal and approved; complete with all fittings;accessories and fasteners; fixing to concrete base				
A	Window Type W1; 2000 x 2400mm	No	1.00		
B	Window Type W2; 2500 x 2400mm	No	3.00		
C	Window Type W2; 1720 x 900mm	No	4.00		
D	Window Type W1; 900 x 900mm	No	2.00		
3	Decorative security grills in galvanized m.s; welded fabrication, welds ground smooth; 20mm mild steel solid bars in main frame with 20mm mild steel burglar bars laid vertically at 100mm centres; fixing with expansion bolts with 12mm loose bolts and spa				
A	Window Type W1; 2000 x 2400mm	No	1.00		
B	Window Type W2; 2500 x 2400mm	No	3.00		
C	Window Type W2; 1720 x 900mm	No	4.00		

D	Window Type W1; 900 x 900mm	No	2.00		
ELEMENT No.8	PLUMBING AND ENGINEERING INSTALLATIONS				
1	WATER SUPPLY				
A	Allow for supply and install 40mm gate/stop valve.	No	3.00		
B	Supply and install 40mm dia. PP-R water supply pipe from elevated tank to sanitary fittings including fittings and accessories (elbows, Tees, connectors, bends etc)	M	35.00		
C	Supply and install valves to suit the above pumps installations (gate/stop valves, Non return valves)	Item	1.00		
i	Cold Water distribution System PP-R (PN -20) pipes (all diameter is internal)				
A	32mm dia. Water supply pipe including fittings and accessories (elbows, Tees, connectors, bends etc)	m	45.00		
B	25mm diameter	M	35.00		
C	20mm diameter	M	35.00		
D	15mm diameter	M	35.00		
E	Supply and install 12mm flexible pipe connectors to wash hand basins (WHB), sink, kitchen sink (KS) etc.	No	18.00		
F	Supply and fix 15mm dia. Stop/Angle valves with hand wheel, polished by manufacturer. The valves should comply with the specifications.	No	4.00		
G	Ditto but with 20mm diameter	No	4.00		
H	Ditto but with 25mm diameter	No	4.00		
2	WATER INSTALLATIONS DISTRIBUTION PIPES				
i	Sewerage Piping				
A	Supply and install 150mm dia. Pipe (HDPE) for foulwater pipes inside building including fittings and standard holder bats fixing to wall or slab requiring plugging.	M	25.00		
B	Supply and install 100mm dia. Pipe (HDPE) for foulwater pipes inside building including fittings and standard holder bats fixing to wall or slab requiring plugging.	m	15.00		

C	Ditto but with dia 75mm for waste water	M	6.00		
D	Ditto but with dia 50mm for waste water	M	6.00		
E	Ditto but with dia 40mm for waste water	m	6.00		
F	Supply and install vent pipes (dia 80mm)	M	6.00		
G	Allow for elbows, bends connector traps etc. to suite the above installation.	Item	1.00		
3	External Sewerage:				
A	Allow for construction of foul water manholes of internal dimension 900 x 700mm, depth to invert level not exceeding complete with heavy duty cast iron frame and cover.	No	2.00		
B	Allow for construction of Gully trap of internal dimension 200 x 200mm.	No	4.00		
4	SANITARY FITTINGS				
A	Supply and install wash hand basin (WHB) manufactured by COTTO Planet countertop completes with coated chromium trap and any other associated accessories(eg arabic shower).	No	4.00		
B	Supply and install douche spray	No	8.00		
C	Allow for supply and fix mirror of Vanity with size 1200mm x 2000mm to be fixed in wash hand basin.	No	2.00		
E	supply and install shower, with a shower head max. flow rate of 5litre/min complete with shower mixer, shower tray and all associated accessories.	No	2.00		
F	Supply and install 100mm diameter stainless steel floor drain	No	4.00		
G	supply and install hand drier as manufactured by xpelair with capacity 220 m3/hr XHD3 complete with all associated accessories.	No	2.00		
ELEMENT No.9	ELECTRICAL INSTALLATIONS				

i	Supply and install the following:				
a)	DISTRIBUTION SYSTEM				
A	Single phase 1 distribution body (DB) 4WAYS,4MCBs c/w Single phase Circuit breaker 63A/100mA as TRONIC make OR as approved equivalent	No	1.00		
b)	POWER POINTS				
A	2 X 13A switch socket With multipurpose ports for plugging c/w steel box as TRONIC make OR as approved equivalent	No	4.00		
c)	LIGHT FITTINGS, FANS AND SWITCHES				
A	ESTIA Energy saver 24 W Surface luminaire complete with white base shade and opal diffuser OR as approved equivalent	No	16.00		
B	Bulk head security light with its LED 24 W as TRONIC make OR as approved equivalent	No	1.00		
C	SWITHES 10A 1 gang 1 way flush TD light switch c/w steel box as TRONIC make OR as approved equivalent	No	12.00		
D	20A Photo cell as TRONIC make OR as approved equivalent	No	1.00		
d)	WIRING AND CABLES				
A	1C x 1.5mm sq PVC copper cable as Euro make OR as approved equivalent (i)Red/Brown	m	500.00		
B	(ii) Black/Blue	M	100.00		
C	(ii)Yellow/Green	M	100.00		
D	1C x 2.5mm sq PVC copper cable as Euro make OR as approved equivalent (i)Red/Brown	M	40.00		
E	(ii) Black/Blue	M	100.00		
F	(ii)Yellow/Green	M	100.00		
G	2C x 10 mm sq PVC copper cable as Euro make OR as approved equivalent	M	50.00		
H	1C x 4mm sq PVC copper cable as Euro make OR as approved equivalent	M	40.00		

e)	FIXED ENCLOSURES FOR CABLE RUNS				
A	Use 3/4 inch PVC conduit class B Africab for full conduit wiring system c/w all accessories OR as approved equivalent	Pcs	50.00		
B	Use 2" Water pipe class B as plasco with all necessary accesories make OR as approved equivalent	Pc	4.00		
ii	EARTHING SYSTEM				
A	Soil treatment and interconnection to general earthing of the house sets to meet requirements of IEE regulations.complete 18 earth pits with adequate number of 18 earth rods linked together with the earthing cables,filled with wet charcoal/salt or bentonite powder	Item	1.00		
B	FIRE SYSTEM INSTALLATION Supply and Install the following addressable Fire panel 2 zone (lifeco/asenwre/GST) OR as approved equivalent	No	1.00		
C	Smoke detector (lifeco/asenwre/GST) OR as approved equivalent	No	4.00		
D	Sounder (lifeco/asenwre/GST) OR as approved equivalent	No	2.00		
E	Break glass OR as approved equivalent	No	2.00		
F	1.5mm sq fire cable OR as approved equivalent	Roll	1.00		
G	mattel back box single OR as approved equivalent	Pc	4.00		
ELEMENT No. 15	FINISHING				
a)	INTERNAL WORK:				
i)	Floor finishing				
A	32mm thick c&s 1:4 sreed bed laid on concrete tread steps with wooden floated surface to receive porcelain tiles	M2	190.00		
B	Non sliperly porcelain tiles with glazed surface fin inshes laid on regular pattern to (1:4) cement	M2	190.00		

	and sand bedding with mortal paste 1:2 grouting with with pointing with white cement 400 X 400 X 8mm thick on floor				
b)	WALL FINISHES				
i)	15mm thick plaster to blockwork wall in 2 coats, 1 coat ;12mm thick cement and sand (1:4) and 2 coats with 3mm thick cement, sand and lime 1:1:6				
A	Plastering internally	M2	147.00		
B	Render finish	M2	86.00		
C	WALL TILES 300x600mmx 8mm thick with glazed ceramic wall tiles laid in regular pattern to cement and sand backing m/s with cement paste(1:2) including pointing and grouting with white cement	M2	35.00		
D	Backing 9mm thick cement and sand (1:3) backing to blockwork wall with wood floated surface to receive ceramic tiles	M2	45.00		
E	SKIRTING 150X18mm thick skirting in 1 coat with cement and sand mix ratio(1:3) with top rounded edge and curved junction with floor steel trowelled to smooth surface finish internally	M	78.00		
F	Plain sheet finishing Gypsum Board; to approval of project manager 9mm; scrim coat filler to tapped joints set to pattern to timber base generally to an angle not exceeding 45 degree from horizontal ceiling	M2	90.00		
G	Cornice; 50mm x 50mm	M	68.00		
H	Structure timber Pine or Cypress; grade 2; pressure impregnated; treated with timber preservative 50 x 50mm brandering	M	160.00		
J	Prepare and apply one thinned coat and two full coats of vinyl silk paint Plastered walls	M2	175.00		
K	Prepare and apply three coats of 'polyurethane matt polish' or other equal and approved polish on wood surfaces Frames over 200mm not exceeding 300mm girth	M	32.00		
L	General surfaces to hardwood	M2	49.00		

	shutter				
M	THREE COAT EMULSION PAINT To Gypsum ceiling	M2	90.00		
N	To cornice	M	68.00		
O	External work Prepare and apply one thinned coat and two full coats of weather guard paint to Rendered walls	M2	86.00		
Cold room building					
BILL No 3	MEASURED WORKS				
ELEMENT No.1	SUBSTRUCTURE (ALL PROVISIONAL)				
1	Excavation and Earthworks;				
A	Clear site of small bushes, shrubs, undergrowth, and the like and grub up their roots	M2	367.00		
B	Excavate to remove vegetable soil 150mm over depth convey and deposit in permanent spoil heap over 50m away from a site	M2	367.00		
C	Excavate the trenches to receive foundation starting from stripped level over 1.5m but not exceed 3.0m deep	M3	81.00		
D	Excavate the trenches to receive foundation starting from stripped level over 1.5m but not exceed 3.0m deep	M3	97.00		
E	Ditto; over 1.5 n.e 3.0m	M3	65.00		
F	Earth filling obtained from the excavations (not compacted) Around foundations	M3	201.00		
G	Earth filing of suitable excavated materials to make up level compacted in one layer first layer of 300mm	M3	214.00		
2	Disposal of water:				
A	Allow for keeping excavations free from general water (except spring or running water by any means necessary.	Lumpsum	1.00		
3	Planking and strutting.				
A	Allow for provision and subsequent removal of planking and strutting to uphold and maintain all faces of excavations.	Lumpsum	1.00		

4	Hardcore				
A	200mm thick; stone hardcore bed; leveled; compacted and sand blinded to receive damp proof membrane; measured separately.	M2	475.00		
5	Soil sterilization:				
A	Soil sterilization of gamalin solution 20Ec applied at the rate of 7litre/m2 over the hardcore bed	M2	475.00		
B	Soil sterilization of gamalin solution 20Ec applied at the rate of 7litres/m2 235 x 300mm deep on external side of the foundation walls	M	94.00		
6	Damp Proof Membrane				
A	500 Gauge polythene damp proof membranes; laid in two layers on sand blinded hardcore bed surfaces	M2	475.00		
7	CONCRETE WORK:				
	Plain insitu concrete grade '10'				
A	foundation trenches and foundation to trench	M2	122.00		
	Plain insitu concrete grade '15'				
A	in foundation trench	M3	10.00		
B	100mm thick concree bed	M2	475.00		
C	Ramp	M3	2.00		
	reinforced in situ concrete grade '20' including mechanically vibrated around reinforments to;				
A	ground beams.	M3	6.00		
B	Column	M3	3.00		
C	Foundation to column	M3	26.00		
8	REINFORCEMENTS:				
I	hot rolled reinforcement bars 460KN/mm2 tensile strength including strippus, spacer blocks, links, tying wire and like to BS 4449				
A	08mm Diameter	Kg	261.00		
B	16mm diameter	Kg	3,177.00		
II	Fabric Wiremesh				
A	Fabric mesh reinforcements to BS 4483 ref A.393 R8-200mm both directions laid in concrete bed	m2	475.00		
9	Formwork:				

	Vertical or battering surfaces				
A	vertical sides of ground beam	M2	28.00		
B	Vertical sides of column	M2	42.00		
C	Vertical sides of column bases	M2	58.00		
D	Edges of beds over 75mm not exceeding 150mm	M	94.00		
11	FINISHINGS				
	Render; cement and sand (1:3); trowelled				
A	12mm thick; to plinth; to concrete or block work base	M2	42.00		
10	WALLING				
A	230mm thick solid concrete blockwork wall to BS 2028 type A 5N/mm ² bedded and jointed with cement and mortar ratio (1:4)	M2	103.00		
12	DAMP PROOFING				
A	230mm wide; Hessians based damp proof course; laid on blockwork with 150mm end laps	M	94.00		
12	Prepare and apply three coats of black bituminous paint on:				
A	Rendered surfaces to plinth	M2	42.00		
ELEMENT No.2	FRAMES				
	Reinforced insitu concrete grade "20" including mechanically vibrated around reinforcement to;				
A	Beams	M3	13.00		
B	Columns	M3	6.00		
2	REINFORCEMENTS;				
	Hot rolled reinforcement bars 460N/mm² tensile strength including stirrups, spacer blocks, links, tying wire and the like to BS 4449				
A	8mm Diameter	Kg	598.00		
B	16mm diameter	Kg	1,451.00		
3	Formworks				
	Wrought formwork to:				
A	Sides and soffits of horizontal beams.	M2	154.00		
B	to the vertical sides of columns	M2	93.00		
ELEMENT NO.4	WALLING.				
1	BLOCKWORK:				
I	Solid concrete blocks with strength of 5N/mm² to B.S.2028 type 'A' bedded and				

	jointed in cement mortar (1:4) with and including 2NO. 6mm reinforcement bars after every two courses or any equal and approved ties.				
A	230mm thick wall	M2	345.00		
B	Cement and Sand louvre blocks with strength of 4MPa: bedded and jointed in cement and sand mortar. 150mm thick; louvres block walls	M2	65.00		
ELEMENT No.5	ROOFING				
1	ROOF COVERINGS				
I	Roofing; 28gauge Resin Colour Coated IT5 aluminium sheets; single length; supplied by Aluminium Africa Ltd. or equal and approved; fixed to timber purlins with 150mm end laps fixed with roofing nails				
A	Roof coverings sloping not exceeding 45 degrees from horizontal	M2	576.00		
B	Ridge	M	33.00		
2	ROOF STRUCTURE				
	STRUCTURAL STEEL WORK; WELDABLE; GRADE 43 Unframed; bolted and welded site connections; treated with anti-rust duram AS4; including paint of red oxide, one coat primer at works; and duram NS8 polytop coat on site after erection; roof				
A	Top chord; 100mm diameter black pipe; 6mm thick	M	262.00		
B	Bottom chord; 100mm diameter black pipe; 6mm thick	M	253.00		
C	King post; 75mm diameter black pipe; 6mm thick	M	9.00		
D	Ties/struts 75mm diameter black pipe; 6mm thick	M	435.00		
E	Allow cost for M.S plate casted into concrete (provisional)	Lump Sum	1.00		
I	Unframed; bolted and welded site connections; including paint of red oxide one coat primer at works; one coat red oxide primer on site after erection				
A	150 x 50 x 25 x 2mm thick Z - Sections holed 10mm diameter	M	567.00		
ELEMENT No.6	DOORS:				
4	METAL WORKS				
1	ROLLER SHUTTER DOORS Galvanised steel roller shutters doors Chain operated roller shutter door; face mounted; complete with canopy, channel guides, locking mechanism and set up position including bolting to blockwork and steelwork				
A	to a suite clear opening size 3150 x 4250mm high	No	2.00		

ELEMENT No.9	ELECTRICAL INSTALLATIONS				
i	Supply and install the following:				
a)	DISTRIBUTION SYSTEM				
A	Three phase and neutral distribution body (DB) 6WAYS,18 MCBs c/w Three phase Circuit breaker 100A/300mA as TRONIC make OR as approved equivalent	No	1.00		
B	Single phase I distribution body (DB) 4WAYS, MCBs c/w single phase Circuit breaker 63A/100mA as TRONIC make OR as approved equivalent	No	1.00		
b)	POWER POINTS				
C	2 X 13A switch socket With multipurpose ports for plugging c/w steel box as TRONIC make OR as approved equivalent	No	4.00		
A	Three phase industrial socket 5 pins 16/32A as TRONIC make	No	4.00		
B	Single phase industrial socket 3 pins 16/32A as TRONIC make	No	4.00		
c)	LIGHT FITTINGS, FANS AND SWITCHES				
A	ESTIA / VAR LIGHT Energy saver 18/24 W Surface luminaire complete with white base shade and opal diffuser OR as approved	No	4.00		
B	24W LED energy saver complete with 1.5m flexible cable ceiling rose holder as TRONIC make OR as approved equivalent	No	24.00		
C	IP 65 Flood light 100W for security light as TRONIC make OR as approved equivalent	No	12.00		
D	SWITHES 10A 1 gang 1 way flush light switch c/w steel box as TRONIC make OR as approved equivalent	No	1.00		
E	10A 2 gang 1 way flush light switch c/w steel box as TRONIC make OR as approved equivalent	No	1.00		
F	10A 2 gang 2 way flush light switch c/w steel box TRONIC make OR as approved equivalent	No	2.00		
G	25A photocel switch TRONIC	No	1.00		

	make OR as approved equivalent				
d)	WIRING AND CABLES				
A	1C x 1.5mm sq PVC copper cable as Euro make OR as approved equivalent (i)Red/Brown	m	1,000.00		
B	(ii) Black/Blue	M	800.00		
C	(ii)Yellow/Green	M	800.00		
D	1C x 2.5mm sq PVC copper cable as Euro make OR as approved equivalent (i)Red/Brown	M	200.00		
E	(ii) Black/Blue	M	200.00		
F	(ii)Yellow/Green	M	200.00		
G	4C x 25mm sq PVC copper cable as Euro make OR as approved equivalent	M	50.00		
H	1C x 6 mm sq PVC copper cable Yellow/Green (earthing) as Euro make Euro make OR as approved equivalent	M	50.00		
I	5C x 4mm sq flexible copper cable as Euro make OR as approved equivalent	M	200.00		
e)	FIXED ENCLOSURES FOR CABLE RUNS				
A	Use 3/4 inch PVC conduit class B Africab for full conduit wiring system c/w all accessories OR as approved equivalent	Pcs	200.00		
B	Use 2" Water pipe class B as plasco with all necessary accesories make OR as approved equivalent	Pc	1.00		
ii	EARTHING SYSTEM				
A	Soil treatment and interconnection to general earthing of the house sets to meet requirements of IEE regulations.complete ONE earth pits with adequate number of ONE earth rods linked together with the earthing cables,filled with wet charcoal/salt or bentonite powder	Item	1.00		
ELEMENT No. 14	FINISHING				
a)	INTERNAL FINISHINGS				

i)	Terrazo flooring				
a)	POLISHED TERRAZO: First coat of 35mm thick water proof cement and sand (1:3) second coat of 15mm thick coloured cement and marble aggregate (1:2:5) including 15 x 3mm plastic dividing strips at 1200 centres: in;				
A	Floors	M2	488.00		
B	150 x 10mm skirting	M	93.00		
ii)	Wall finish:				
a)	Internal cement sand (1:4); plastering with approved plasticizer trowelled smooth:				
A	15mm To walls	M2	377.00		
b)	EXTERNAL FINISHINGS				
ii)	Wall finish				
a)	External cement sand (1:4); rendering with approved plasticizer trowelled smooth:				
A	22mm To walls	M2	384.00		
ELEMENT No. 15	PAINTING AND DECORATING				
a)	INTERNAL WORK:				
i)	Prepare surface and apply one thinned coat and two full coats of vinyl silk paint				
A	Plastered walls	M2	377.00		
b)	EXTERNAL WORK:				
i)	Prepare surface and apply one thinned coat and two full coats of weather guard paint to				
A	Rendered walls	M2	384.00		
Preliminaries and general matters					
BILL NO. 1	PRELIMINARIES AND GENERAL MATTERS				
PART C	PRELIMINARY ITEMS AND GENERAL MATTERS				
II	EQUIPMENT, PLANTS, TOOLS AND VEHICLES				
NOTE	NOTE: Bidders/ Contractors should derive the comprehensive list of plants, tools and equipment depend on his work methodology and or project requirements. All cost arising from lists of equipment and the like as established by the contractor in addition to the list of equipment as specified under the tender document should be consolidated and quoted in his bid under this subheading				
A	The Contractor shall be responsible for the provision of all types of equipment, plant, tools, vehicles, and workmen required for the Works except in so far as may be stated otherwise herein or except for such items specifically and only required for the use of and provided by Nominated Subcontractors as described herein.	lump sum	1.00		

B	The Contractor shall set out the works in accordance with the dimensions and levels shown on the drawings and shall be responsible of the correctness of all dimensions and levels set out by him and he will be required to ammend all errors arising from inaccurate setting out at his own cost and expenses. In the event of any error or discrepancy in the dimensions or levels marked on the drawings being discovered, such errors or discrepancies must be reported by the Contractor to the Architect for his immediate attention.	Lump sum	1.00		
VII	GENERAL SCAFFOLDING AND TEMPORARY SUPPORT				
G	The Contractor shall provide, erect, maintain, alter and adapt as necessary and dismantle when no longer required and remove on completion all necessary scaffolding or staging, including boards, for the whole of the works including works to be carried out by nominated sub-contractors. No timber used for scaffolding if required, formwork, or similar purposes shall be used afterward in the permanent work.	lump sum	1.00		
XII	WATER FOR THE WORKS AND TEMPORARY CONNECTION				
Q	The Contractor shall allow for all necessary clean fresh water for the works, including that required by Sub-Contractors and for any temporary plumbing metres and storage facilities and pay all charges in connection therewith and clear away on completion and make good works disturbed.	lump sum	1.00		
XIII	TEMPORARY CONNECTION, POWER FOR THE WORKS AND LIGHTING				
R	The Contractor shall allow for providing and maintaining a temporary electricity, supply for the works including that required by the Sub-Contractor and for any meters and fittings to give artificial lighting and power necessary for the execution of the	lump sum	1.00		

	works and pay all charges, in connection and make good all works disturbed.				
XVI	PROJECT SIGNBOARD				
U	The Contractor shall unless otherwise directed, obtain any necessary consent or license from the Local Authority and immediately upon commencement of the works the Contractor shall, in accordance with the details supplied by the Project Manager, make and erect a signboard showing the name of the Employer and such other information as shall be directed and approved by the Project Manager. Also, the Contractor shall arrange payment of Consultants stickers (Project Managers, Architects, Quantity Surveyors and Engineers) and sticker for his own project registration.	lump sum	1.00		
U1	Project Registration Allow for the associated cost for the registration of the project	Lump sum	1.00		
XVII	TESTING, QUALITY CONTROL AND ASSURANCE				
V	For the sake of quality assurance and control, the contractor shall be responsible for the enforcement of all required tests of either materials/samples or work at the appropriate stage; be prior to the execution of work or in the course of execution, or after completion of particular trade section or element. The contractor should be committed to testing all the installations required to be tested and provide everything necessary for this purpose and leave the whole in perfect working order to the satisfaction of the Employer and Local Authority.	lump sum	1.00		
XVIII	WATCHING AND SECURITY OF THE SITE				
W	The Contractor shall provide at his own risk and cost all watching as necessary to safeguard the Works, Plants and Materials against damage and	lump sum	1.00		

	theft.				
XXI	REMOVING RUBBISH, WASTES, PLANTS AND CLEANING OF THE BUILDINGS				
AA	The Contractor shall, upon completion of the Works remove and clear away all temporary buildings, plant, rubbish and unused materials, and shall leave the whole of the Site of the Works in a clean and tidy state to the Satisfaction of the Project Manager.	lump sum	1.00		
AB	ACCESS TO SITE AND TEMPORARY ROADS Means of access to the site shall be agreed with the Architect prior to commencement of the works and the Contractor must allow for building and maintaining any temporary access roads for the transport of materials, plant and workmen as may be required for the complete execution of the works including the provision of temporary culverts, crossings, bridges or any other means of gaining access. Upon the completion the works the Contractor shall remove such temporary roads, temporary culverts bridges etc and make good and reinstate all works and services disturbed to the satisfaction of the Architect.	Lump sum	1.00		
Toilet building					
BILL No 3	MEASURED WORKS				
ELEMENT No.1	SUBSTRUCTURE (ALL PROVISIONAL)				
1	Excavation and Earthworks;				
A	Clear site of small bushes, shrubs, undergrowth, and the like and grub up their roots	M2	397.00		
B	Excavate over site to remove vegetable soil commencing at ground level average depth 150mm; deposit in spoil heaps and cart away from site	M2	397.00		
C	Excavate foundation trench commencing at stripped level; not exceeding 1.5m deep.	M3	117.00		

K	Back filling selected imported sand material; compact and consolidate around foundations.	M3	60.00		
M	Earth filling; selected imported sand material compacted in 300mm layers; to make up levels under the floor.	M3	90.00		
2	Disposal of water:				
A	Allow for keeping excavations free from general water (except spring or running water by any means necessary.	Lumpsum	1.00		
3	Planking and strutting.				
A	Allow for provision and subsequent removal of planking and strutting to uphold and maintain all faces of excavations.	Lumpsum	1.00		
4	Hardcore				
A	200mm thick; stone hardcore bed; leveled; compacted and sand blinded to receive damp proof membrane; measured separately.	M2	111.00		
5	Soil sterilization:				
A	Gammalin 20 solution or equal and approved; applied at a rate of 450ml per square metre over hardcore surfaces beds and top of foundation walls.	M2	111.00		
B	Ditto; at a rate of 450ml per linear metre of 300mm. width to 235x 600mm. deep backfilling to one external side of foundations.	M	74.00		
6	Damp Proof Membrane				
A	500 Gauge polythene damp proof membranes; laid in two layers on sand blinded hardcore bed surfaces	M2	111.00		
7	CONCRETE WORK:				
	Plain insitu concrete grade '10'				
A	50mm Blinding.	M2	51.00		
	Reinforced in situ concrete grade '15' vibrated				
A	in foundation trench	M3	13.00		
B	100mm thick concrete bed	M2	111.00		
C	Steps and Ramps	M3	2.00		
	in situ concrete grade '20' including mechanically vibrated around reinforcements to,				

A	ground beams.	M3	3.00		
8	REINFORCEMENTS:				
I	High tensile steel bar reinforcements with a strength of 500N/mm² to BS 4449:1969: including bends, hooks, tying wire, ordinary spacers and distance blocks:				
A	08mm Diameter	Kg	121.00		
D	16mm Diameter	Kg	480.00		
II	Fabric Wiremesh				
A	Fabric mesh reinforcements to BS 4483 ref A.393 R8-200mm both directions laid in concrete bed	m ²	71.00		
9	Formwork:				
	Vertical or battering surfaces				
A	vertical sides of ground beam	M2	22.00		
B	Edges of beds over 75mm not exceeding 150mm	M	74.00		
11	FINISHINGS				
	Render; cement and sand (1:3); trowelled				
A	12mm thick; to plinth; to concrete or block work base	M2	34.00		
10	WALLING				
A	230mm thick solid concrete blockwork wall to BS 2028 type A 5N/mm ² bedded and jointed with cement and mortar ratio (1:4)	M2	102.00		
B	horizontal damp proof coarse 150mm in single layer of bitumen base to BS 2028 type A with 150mm minimum laps at joints on the cement & sand ratio (1:3)	M	74.00		
12	Prepare and apply three coats of black bituminous paint on:				
A	Rendered surfaces to plinth	M2	34.00		
ELEMENT No.2	FRAMES				
	CONCRETE WORKS:				
I	Reinforced insitu concrete grade '20' including vibrating around reinforcements.				
A	150mm thick Suspended slab	M2	12.00		
B	beams	M3	4.00		
2	REINFORCEMENTS;				
	Hot rolled reinforcement bars 460N/mm² tensile strength including stirups,				

	spacer blocks, links, tying wire and the like to BS 4449				
A	8mm Diameter	Kg	221.00		
C	12 mm Diameter	Kg	182.00		
D	16mm Diameter	Kg	632.00		
3	Formworks				
	Wrought formwork to:				
A	Sides and soffits of horizontal beams.	M2	88.00		
B	Horizontal soffities of suspended slab and gutter soffities	M2	12.00		
ELEMENT NO.4	WALLING.				
1	BLOCKWORK:				
I	150mm thick blockwork to BS2028 type A bedded and jointed with cement and sand (1:3)				
B	230mm. Walls.	M2	50.00		
C	150mm. Walls.	M2	75.00		
ELEMENT No.5	ROOFING				
1	ROOF COVERINGS				
I	28 Gauge type Aluminium/Zinc coated (IT5) roofing sheets as manufactured by the ALUCO or other equal and approved manufacturers; laid with one and a half corrugations side laps and 250mm end laps fixed to steel purlins (measured separately) with 120x8mm galvanised steel hook bolts including galvanised steel and bitumen washers and neoprene caps to bolts:				
A	Roof coverings sloping not exceeding 45 degrees from horizontal	M2	114.00		
B	Ridge	M	9.00		
2	ROOF STRUCTURE				
	The following are in timber trusses Softwood pressure impregnated with preservative				
A	50X100mm Tie beam	M	81.00		
B	50X100mm Rafters	M	88.00		
C	50X100mm Struts	M	93.00		
D	50X100mm Wall Plate	M	23.00		
E	50X50mm Purlins	M	131.00		
ELEMENT No.6	DOORS:				
4	WOOD WORK				
1	45mm thick panelled doors; 50 x150 mm top, intermediate and bottom rails; 50 x 150 mm stiles; two panels infilled with 50 x 200 mm T&G horizontal boarding;;				

	threaded both ends to receive nuts; both faces made smooth to receive "TWO PACK " polish (ms)				
A	1000 X 2100mm high	No	5.00		
B	800 X 2100mm high	No	11.00		
IV	Frames and finishing:				
A	45x145mm Frames, rebated plugged to wall	M	80.00		
6	IRON MONGERY				
	Supplying and fixing ironmongery, "UNION" as supplied by "ASSA ABLOY" or equivalent to the approval of the Project Manager; satin anodized finish; to softwood, hardwood or the like; fixing with screw				
A	Three lever mortice lockset with furniture	No	13.00		
A	150mm stainless steel butt hinges heavy duty ASSA ABLOY or equivalent	Pair	20.00		
C	Rubber door stop plugged to concrete	No	15.00		
ELEMENT No.7	WINDOWS				
1	HEAVY DUTY ALUMINIUM ALLOY WINDOWS-DOUBLE GLAZING				
I	Supply and fix Powder coated aluminium windows comprising 80 x1.2mm aluminium extrusion frame complete with ironmongery Ref "union" stainless matt furniture, allen key locks, stainless friction stay, neoprene gasket for glazing, silicon treated polypile weather striping stainless screws including 5mm glass.				
A	Window Type W1; 2000 x 800mm	No	8.00		
3	Decorative Security Grilles in galvanised m. s; welded fabrication, welds ground smooth; 50x25mm Rectangular Hollow section bars in main frame with 25mm RHS laid vertically at 100mm centres; fixing to to masonry; including drilling; red oxide primer before fixing				
A	Window Type W1; 2000 x 800mm	No	8.00		
ELEMENT No.8	PLUMBING AND ENGINEERING INSTALLATIONS				
1	WATER SUPPLY				
A	Allow for supply and install 40mm gate/stop valve.	No	2.00		
B	Supply and install 40mm dia. PP-R water supply pipe from elevated tank to sanitary fittings including fittings and accessories (elbows, Tees, connectors, bends etc)	m	12.00		
C	Supply and install valves to suit	Item	1.00		

	the above pumps installations (gate/stop valves, Non return valves)				
i	Cold Water distribution System PP-R (PN -20) pipes (all diameter is internal)				
A	32mm dia. Water supply pipe including fittings and accessories (elbows, Tees, connectors, bends etc)	m	12.00		
B	25mm diameter	m	20.00		
C	20mm diameter	m	10.00		
D	15mm diameter	m	20.00		
E	Supply and install 12mm flexible pipe connectors to wash hand basins (WHB), sink, kitchen sink (KS) etc.	No	8.00		
F	Supply and fix 15mm dia. Stop/Angle valves with hand wheel, polished by manufacturer. The valves should comply with the specifications.	No	15.00		
K	Ditto but with 20mm diameter	No	2.00		
L	Ditto but with 25mm diameter	No	2.00		
2	Sewerage Piping				
3	SUPPLY PIPES				
A	Supply and install 150mm dia. Pipe (HDPE) for foulwater pipes inside building including fittings and standard holder bats fixing to wall or slab requiring plugging.	M	6.00		
B	Supply and install 100mm dia. Pipe (HDPE) for foulwater pipes inside building including fittings and standard holder bats fixing to wall or slab requiring plugging.	M	6.00		
C	Ditto but with dia 75mm for waste water	M	4.00		
D	Ditto but with dia 50mm for waste water	M	6.00		
E	Ditto but with dia 40mm for waste water	m	10.00		
F	Supply and install vent pipes (dia 80mm)	Item	1.00		
4	External Sewerage:				
A	Allow for construction of foul water manholes of internal dimension 900 x 700mm, depth	No	1.00		

	to invert level not exceeding 900mm complete with heavy duty cast iron frame and cover.				
F	Allow for construction of Gully trap of internal dimension 200 x 200mm.	No	3.00		
D	Allow for construction of foul water septic tank of internal dimension 3,000L x 1,000W x 1250D mm, of capacity 3,800 litres complete with all other associated accessories.	No	5.00		
G	Allow for construction of foul water soak away pit with internal dimension 3,500mm Diameter and 3,000mm Height complete with all other associated accessories.	No	1.00		
5	SANITARY FITTINGS				
	i				
A	Supply and install floor Standing WC type, manufactured by COTTO. complete with 6 litres cistern, seat cover , s/p-trap and all other accessories, the colours to be white.	No	1.00		
A	Supply and install floor Standing Disabled WC type, manufactured by COTTO. complete with 6 litres cistern, seat cover , s/p-trap and all other accessories, the colours to be white.	No	1.00		
C	Supply and install wash hand basin (WHB) manufactured by COTTO Planet countertop completes with coated chromium trap and any other associated accessories(eg arabic shower).	No	1.00		
D	Supply and install basin mixer as manufactured by IDEAL STANDARD complete with associated accessories. Sample should be submitted for approval	No	1.00		
E	Supply and install douche spray	No	1.00		
F	Allow for supply and fix mirror of Vanity with size 1200mm x 2000mm to be fixed in wash hand basin.	No	1.00		
G	supply and install shower, with a	No	1.00		

	shower head max. flow rate of 5litre/min complete with shower mixer, shower tray and all associated accessories.				
J	Supply and install 100mm diameter stainless steel floor drain	No	1.00		
K	supply and install hand drier as manufactured by xpelair with capacity 220 m3/hr XHD3 complete with all associated accessories.	No	1.00		
L	Supply and install URINALS manufactured by COTTO complete with all associated accessories.	No	1.00		
ELEMENT No.9	ELECTRICAL INSTALLATIONS				
i	Supply and install the following:				
a)	DISTRIBUTION SYSTEM				
A	Single phase 1 distribution body (DB) 4WAYS,4MCBs c/w Single phase Circuit breaker 63A/100mA as TRONIC make OR as approved equivalent	No	1.00		
b)	POWER POINTS				
A	2 X 13A switch socket With multipurpose ports for plugging c/w steel box as TRONIC make OR as approved equivalent	No	2.00		
c)	LIGHT FITTINGS, FANS AND SWITCHES				
A	ESTIA Energy saver 18 W Surface luminaire complete with white base shade and opal diffuser OR as approved equivalent For toilets	No	15.00		
B	ESTIA Energy saver 24 W Surface luminaire complete with white base shade and opal diffuser OR as approved equivalent	No	13.00		
C	Bulk head security light with its LED 24 W as TRONIC make OR as approved equivalent	No	8.00		
d)	SWITHES				
A	10A 1 gang 1 way flush TD light switch c/w steel box as TRONIC make OR as approved equivalent	No	6.00		

B	10A 2 gang 1 way flush TD light switch c/w steel box TRONIC make OR as approved equivalent	No	12.00		
C	20A Photo cell as TRONIC make OR as approved equivalent	No	1.00		
f)	CABLES				
A	1C x 1.5mm sq PVC copper cable as Euro make OR as approved equivalent (i)Red/Brown	m	300.00		
B	(ii) Black/Blue	M	300.00		
C	(ii)Yellow/Green	M	300.00		
D	1C x 2.5mm sq PVC copper cable as Euro make OR as approved equivalent (i)Red/Brown	M	30.00		
E	(ii) Black/Blue	M	30.00		
F	(ii)Yellow/Green	M	30.00		
G	2C x 10 mm sq PVC copper cable as Euro make OR as approved equivalent	M	30.00		
H	1C x 4mm sq PVC copper cable as Euro make OR as approved equivalent	M	30.00		
g)	FIXED ENCLOUSERS FOR CABLE RUNS				
A	Use 3/4 inch PVC conduit class B Africab for full conduit wiring system c/w all accessories OR as approved equivalent	Pc	50.00		
B	Use 2" Water pipe class B as plasco with all necessary accesories make OR as approved equivalent	Pc	1.00		
ii	EARTHING SYSTEM				
A	Soil treatment and interconnection to general earthing of the house sets to meet requirements of IEE regulations.complete ONE earth pits with adequate number of ONE earth rods linked together with the earthing cables,filled with wet charcoal/salt or bentonite powder	Item	1.00		
ELEMENT No. 14	FINISHING				
a)	INTERNAL FINISHINGS				

i)	Floor finish: (Tiles, slab or block finishings)				
a)	Non - sliperly porcelain tiles with glazed surface finishes laid on regular pattern to (1:4) cement and sand bedding with mortal paste 1:2				
A	400 X 400 X 8mm thick on floor	M2	67.00		
b)	Beds and Backing				
A	32mm thick c&s 1:4 sreed bed laid on concrete floor, with wooden floated surface to receive porcelain tiles	M2	107.00		
ii)	Wall finish:				
a)	Internal Plastering				
A	15mm To walls, beams, columns and the like; to concrete or block work base; Internal plastering in two coats, first coat 12mm thick cement and sand mix (1:3) steel trowelled;prepare and apply second coat 3mm thick stucco steel trowelled to smooth finish,including sanding with sand paper.	M2	103.00		
B	Render finish	M2	90.00		
C	o ceiling	M2	12.00		
b)	Wall Tiles or Tanga Stones/Slates				
A	300x600mmx 8mm thick with glazed ceramic wall tiles laid regular pattern to cement and sand backing m/s with cement paste (1:2)	M2	98.00		
c)	Beds and backings				
A	12mm thick cement and sand (1:3) backing to blockwork or wall with wood floated to receive ceramic tiles	M2	98.00		
b)	EXTERNAL FINISHINGS				
ii)	Structure timber				
a)	Pine or Cypress; grade 2; pressure impregnated; treated with timber preservative				
A	50 x 75mm brandering	M	139.00		
c)	Plain Sheet Finishing				
B	9mm; scrim coat filler to tapped joints set to pattern to timber base generally to an angle not exceeding 45 degree from horizontal ceiling	M2	57.00		
A	Cornice; 50mm x 75mm	M	67.00		

ELEMENT No. 15	PAINTING AND DECORATING				
a)	INTERNAL WORK:				
i)	Prepare and apply one thinned coat and two full coats of vinyl silk paint				
A	Plastered walls	M2	103.00		
ii)	Prepare and apply three coats of 'polyurethane matt polish' or other equal and approved polish on wood surfaces				
A	Frames over 200mm not exceeding 300mm girth	M	80.00		
B	General surfaces to hardwood shutter	M2	62.00		
iii)	THREE COAT EMULSION PAINT				
A	o Gypsum ceiling	M2	57.00		
B	To cornice	M	67.00		
C	To plastered Ceilng	M2	12.00		
b)	EXTERNAL WORK:				
i)	Prepare and apply one thinned coat and two full coats of weather guard paint to				
A	Rendered walls	M2	90.00		
Market shade					
BILL No 3	MEASURED WORKS				
ELEMENT No.1	SUBSTRUCTURE (ALL PROVISIONAL)				
1	Excavation and Earthworks;				
A	Clear site of small bushes, shrubs, undergrowth, and the like and grub up their roots	M2	789.00		
B	Excavate to remove vegetable soil 150mm over depth, convey and deposit in a permanent spoil heap over 50m away from a site	M2	789.00		
C	excavate the trenches to receive foundation starting from stripped level over 1.50m but not exceed 3.0m deep.	M3	279.00		
D	Excavation of pit to receive foundation starting from stripped not exceeding 1.5metres deep	M3	162.00		
E	Earth filling obtained from the excavations (not compacted) i) Around foundations	M3	350.00		
F	Earth filing of suitable excavated materials to make up level compacted in one layer first layer 0f 300mm	M3	300.00		

2	Disposal of water:				
A	Allow for keeping excavations free from general water (except spring or running water by any means necessary.	Lumpsum	1.00		
3	Planking and strutting.				
A	Allow for provision and subsequent removal of planking and strutting to uphold and maintain all faces of excavations.	Lumpsum	1.00		
4	Hardcore				
A	200mm thick; stone hardcore bed; leveled; compacted and sand blinded to receive damp proof membrane; measured separately.	M2	600.00		
5	Soil sterilization:				
A	Soil sterilization of gamalin solution 20Ec applied at the rate of 7litre/m2 over the hardcore bed	M2	600.00		
B	Soil sterilization of gamalin solution 20Ec applied at the rate of 7litre/m2 235mmx300mm deep on external side of the foundation walls	M	180.00		
6	Damp Proof Membrane				
A	500 Gauge polythene damp proof membranes; laid in two layers on sand blinded hardcore bed surfaces	M2	600.00		
7	CONCRETE WORK:				
	Plain insitu concrete grade '10'				
A	50mm Blinding.	M2	264.00		
	Reinforced in situ concrete grade '15' vibrated				
A	in foundation trench	M3	35.00		
B	150mm thick concrete bed	M2	600.00		
C	Steps & Ramp	M3	4.00		
	reinforced in situ concrete grade '20' including mechanically vibrated around reinforcements to,				
A	Column	M3	2.20		
B	Foundation to column	M3	26.00		
A	ground beams.	M3	11.00		
8	REINFORCEMENTS:				
I	hot rolled reinforcement bars 460KN/mm2 tensile strength including stirrups,				

	spacer blocks, links, tying wire and the like to BS 4449				
A	08mm Diameter	Kg	2,140.00		
B	16mm diameter	Kg	8,046.00		
II	Fabric Wiremesh				
A	Fabric mesh reinforcements to BS 4483 ref A.393 R8-200mm both directions laid in concrete bed	m2	600.00		
9	Formwork:				
	Vertical or battering surfaces				
A	vertical sides of ground beam	M2	466.00		
B	Vertical sides of column	M2	90.00		
C	Vertical sides of column bases	M2	79.00		
11	FINISHINGS				
	Render; cement and sand (1:3); trowelled				
A	12mm thick; to plinth; to concrete or block work base	M2	174.00		
10	WALLING				
A	Solid concrete blocks with strength of 4 - 7N/mm ² ; bedded and jointed in cement sand mortar (1:4).	M2	650.00		
B	BLOCKWORK ON WALLING AND PARTITIONS 230mm External walls	m2	220.00		
C	230mm Internal walls	m2	200.00		
12	DAMP PROOFING				
A	230mm wide; Hessians based damp proof course; laid on blockwork with 150mm end laps	M	290.00		
12	Prepare and apply three coats of black bituminous paint on:				
A	Rendered surfaces to plinth	M2	174.00		
ELEMENT No.2	FRAMES				
	CONCRETE WORKS:				
A	Reinforced insitu concrete grade "20" including mechanically vibrating around reinforcement to, Beams	M2	35.00		
B	Columns	m3	4.00		
2	REINFORCEMENTS;				
	Hot rolled reinforcement bars 460N/mm² tensile strength including stirups, spacer blocks, links, tying wire and the like to BS 4449				

A	8mm Diameter	Kg	1,600.00		
B	16mm Diameter	Kg	5,695.00		
3	Formworks				
	Wrought formwork to:				
C	Sides and soffities of a beams	M2	150.00		
B	Vertical sides of a column	m2	85.00		
ELEMENT No.5	ROOFING				
1	ROOF COVERINGS				
I	Corrugated Iron Sheet, "Gauge 28" aluminium sheeting lapped 150mm at joints and fixed with aluminium hook bolts, nut and washers at 3000mm centres				
A	Roof coverings sloping not exceeding 45 degrees from horizontal	M2	691.00		
B	Ridge/valley	M	78.00		
2	ROOF STRUCTURE				
	The following are in timber trusses Softwood pressure impregnated with preservative				
A	50X150mm Tie beam	M	1,234.00		
B	50X150mm Rafters	M	1,255.00		
C	50X100mm Struts	M	1,727.00		
D	50X150mm Wall Plate	M	300.00		
E	50X75mm Purlins	M	1,379.00		
F	Steel structure 50x4mm black pipe (top and Bottom chords)	M	492.00		
G	37.5x4mm struts	M	338.00		
H	100x50x4mm Purlins	M	630.00		
J	Allow cost for M.S plate casted into concrete (provisional)	Lump sum	1.00		
I	Unplasticised PVC rainwater pipes to BS 4514				
A	Coated cast iron rainwater pipes to B.S 460 100mm Pipe with standard holder bats built into blockwork	M	84.00		
B	Shoe	No	12.00		
C	'Fulbora' Cast iron rainwater outlet 150mm Vertical spigot outlet with dome grating cast into concrete slab with caulked joint to cast iron pipe	No	12.00		
ELEMENT No.6	DOORS:				

4	WOOD WORK				
1	45mm thick panelled doors; 50 x150 mm top, intermediate and bottom rails; 50 x 150 mm stiles; two panels infilled with 50 x 200 mm T&G horizontal boarding;; threaded both ends to receive nuts; both faces made smooth to receive "TWO PACK " polish (ms)				
A	1.500 X 3000mm high	No	1.00		
IV	Frames and finishing:				
A	45x145mm Frames, rebated plugged to wall	M	2.00		
B	45x145mm Transome	M	4.00		
C	15x25mm Glazing beads	M	6.00		
6	IRON MONGERY				
	Supplying and fixing ironmongery, "UNION" as supplied by "ASSA ABLOY" or equivalent to the approval of the Project Manager; satin anodized finish; to softwood, hardwood or the like; fixing with screw				
A	Three lever mortice lockset with furniture	No	1.00		
B	Rubber door stop plugged to concrete	No	1.00		
C	150mm stainless steel butt hinges heavy duty ASSA ABLOY or equivalent	Prs	1.00		
7	GLAZING				
	5mm thick clear glass fixed with hard wood beads m/s:				
A	In panes over 0.5 square meters not exceeding 1 square meters	M2	28.00		
ELEMENT No.9	ELECTRICAL INSTALLATIONS				
i	Supply and install the following:				
a)	DISTRIBUTION SYSTEM				
A	Single phase 1 distribution body (DB) 4WAYS,4MCBs c/w Single phase Circuit breaker 63A/100mA as TRONIC make OR as approved equivalent	No	18.00		
b)	LIGHT FITTINGS, FANS AND SWITCHES				
A	ESTIA Energy saver 24 W Surface luminaire complete with white base shade and opal diffuser OR as approved equivalent	No	46.00		
B	Bulk head security light with its LED 24 W as TRONIC make OR as approved equivalent	No	4.00		
C	SWITHES 10A 1 gang 1 way	No	18.00		

	flush TD light switch c/w steel box as TRONIC make OR as approved equivalent				
D	Ditto;120A Photo cell as TRONIC make OR as approved equivalent	No	1.00		
c)	POWER POINTS				
A	2 X 13A switch socket With multipurpose ports for plugging c/w steel box as TRONIC make OR as approved equivalent	No	72.00		
e)	FIXED ENCLOSURES FOR CABLE RUNS				
A	1C x 1.5mm sq PVC copper cable as Euro make OR as approved equivalent (i)Red/Brown	M	1,500.00		
B	(ii) Black/Blue	M	13,000.00		
C	(ii)Yellow/Green	M	13,000.00		
D	1C x 2.5mm sq PVC copper cable as Euro make OR as approved equivalent (i)Red/Brown	M	1,000.00		
E	(ii) Black/Blue	M	1,000.00		
F	(ii)Yellow/Green	M	1,000.00		
G	2C x 10 mm sq PVC copper cable as Euro make OR as approved equivalent	M	540.00		
H	1C x 4mm sq PVC copper cable as Euro make OR as approved equivalent	M	540.00		
I	Use 3/4 inch PVC conduit class B Africab for full conduit wiring system c/w all accessories OR as approved equivalent	Pc	400.00		
J	Use 2" Water pipe class B as plasco with all necessary accesories make OR as approved equivalent	Pc	1.00		
f)	EARTHING SYSTEM				
A	Soil treatment and interconnection to general earthing of the house sets to meet requirements of IEE regulations.complete 18 earth pits with adequate number of 18 earth rods linked together with the earthing cables,filled with	Item	1.00		

	wet charcoal/salt or bentonite powder				
IV	FIRE DETECTION AND ALARM SYSTEM - WIRING AND WIRING				
IA	Supply, install, test and commission the following as per specifications:				
A	Fire panel 2 zone (lifeco/asenwre/GST) OR as approved equivalent	No	1.00		
B	Smoke detector (lifeco/asenwre/GST) OR as approved equivalent	No	5.00		
C	Sounder (lifeco/asenwre/GST) OR as approved equivalent	No	3.00		
D	Break glass OR as approved equivalent	No	4.00		
E	1.5mm sq fire cable OR as approved equivalent	Roll	3.00		
F	mattel back box single OR as approved equivalent	Pc	4.00		
ELEMENT No. 14	FINISHING				
a)	INTERNAL FINISHINGS				
i)	Floor finish: (Tiles, slab or block finishings)				
a)	Non sliperly porcelain tiles with glazed surface fin inshes laid on regular pattern to (1:4) cement and sand bedding with mortal paste 1:2 grouting with with pointing with white cement				
A	400 X 400 X 8mm thick on floor	M2	665.00		
b)	Beds and Backing				
A	32mm thick c&s 1:4 sreed bed laid on concrete tread steps with wooden floated surface to receive porcelain tiles	M2	665.00		
ii)	Wall finish:				
a)	15mm thick plaster to blockwork wall in 2 coats, 1 coat ;12mm thick cement and sand (1:4) and 2 coats with 3mm thick cement, sand and lime 1:1:6				
A	Plastering internally	M2	560.00		
B	Render finish	M2	459.00		
C	150x150mmx 6mm thick with glazed ceramic wall tiles laid in regular pattern to cement and sand backing m/s with cement paste(1:2) including pointing and grouting with white cement	M2	105.00		
D	Backing 9mm thick cement and sand (1:3) backing to blockwork wall with wood floated surface to	M2	105.00		

	receive ceramic tiles				
E	SKIRTING 150X18mm thick skirting in 1 coat with cement and sand mix ratio(1:3) with top rounded edge and curved junction with floor steel trowelled to smooth surface finish internally	M	65.00		
c)	Plain Sheet Finishing				
A	Gypsum Board; to approval of project manager 9mm; scrim coat filler to tapped joints set to pattern to timber base generally to an angle not exceeding 45 degree from horizontal Ceiling	M2	395.00		
B	Cornice	m	250.00		
C	Structure timber Pine or Cypress; grade 2; pressure impregnated; treated with timber preservative 50 X 50mm Brandering	M	750.00		
ELEMENT No. 15	PAINTING AND DECORATING				
a)	INTERNAL WORK:				
A	THREE COAT EMULSION PAINT i)Gypsum ceiling	m2	395.00		
B	Cornice	m	250.00		
i)	Prepare and apply one thinned coat and two full coats of vinyl silk paint				
A	Plastered walls	M2	560.00		
iii)	Prepare and apply three coats of 'polyurethane matt polish' or other equal and approved polish on wood surfaces				
A	Frames over 200mm not exceeding 300mm girth	M	2.00		
B	General surfaces to hardwood shutter	M2	49.00		
b)	EXTERNAL WORK:				
i)	Prepare and apply one thinned coat and two full coats of weather guard paint to				
A	Rendered walls	M2	459.00		
External works					
BILL No 4	EXTERNAL WORKS				
1	HARD LANDSCAPING				
ELEMENT No. 1	SUBSTRUCTURE (ALL PROVISIONAL)				
1	Excavation and Earthworks;				
A	Clear site of bushes, scrub,	M2	5,600.00		

	undergrowth and the like including grubbing up their roots.				
B	Excavate oversite to remove vegetable soil commencing at ground level average depth 1000mm; deposit in spoil heaps for reuse.	M3	5,600.00		
F	Remove surplus excavated material away from site.	M3	1,326.00		
5	Soil sterilization:				
A	Gamma 20 solution or equal and approved; applied at a rate of 450ml per square metre over all surfaces (Hard Landscape) as per manufacturer's specifications and Engineer's instruction.	M2	5,600.00		
6	Sub -base				
A	Earthfilling excavated material compacted in layers not exceeding 200mm thick to make up level.	M3	545.00		
7	Concrete Paving Blocks				
A	200 x 100 x 80mm Heavy duty Precast concrete interlocking paviour blocks as manufactured by CSI or other and approved manufacturer with compressive strength of 50N/mm ² laid to architect's instruction bedded on and including 50mm well compacted sand bed and 500 gauge polythene damp proof membrane, to road and Carpaking.	M2	2,897.00		
B	115x80x50mm Rectangular edging pavers laid in concrete haunching	M	30.00		
C	50mm well compacted sand bed and 500 gauge polythene damp proof membrane, to road and Carpaking.	M3	540.60		
i)	Kerbstones				
A	400x150x75mm precast concrete battered road kerb in one length; as manufactured by CSI or other and approved manufacturer with compressive strength of 30N/mm ² laid to architect's instruction jointed and pointed in	M	1,720.00		

	cement mortar (1:4); laid on and including 400x100mm plain concrete grade '15' bed including all necessary				
B	Ditto; curved to irrespective of radii	M	344.00		
ii)	Gravel and Pebbles				
A	Granite gravel placed on areas surrounding the main building	M2	730.00		
iii)	Bollards				
A	300x250mm diameter Precast concrete bollards,laid at 1200mm center to center and including 750x250mm plain concrete grade '15' bed including all necessary excavations disposal and formworks.	No	6.00		
B	600x250mm diameter Precast concrete bollards,laid at 1200mm center to center and including 750x250mm plain concrete grade '15' bed including all necessary excavations disposal and formworks.	No	5.00		
iv)	BENCHES				
A	1500x600x500mm high reinforced instu concrete benches grade '20' with steel float render finish	No	16.00		
3	CAR PARKING SHED				
ELEMENT No. 4	ROOFING:.				
a)	The following in galvanized pipe class "C"; site welded and protected from rust by applying three coats of ZINC CHROMITE and two full coat of oil painting; including placing to position				
A	50mmØ Vertical sections at various angles	M	105.00		
B	100mmØ Pipes; 2500mm long posts; fixed with anchor bolts to m.s plates (m/s)	No	9.00		
C	75mmØ Horizontal pipes; 7200mm long welded to mild steel posts (m/s)	No	9.00		
D	50mmØ diagonal braces at end bays; 3980mm long welded to mild steel posts (m/s)	No	6.00		
b)	Supply and Fix Canvas; weld or fixed with appropriate hooks to Manufacturer's				

	Specifications including all necessary fittings.				
A	Canvas	M2	213.00		
5	SOLID BLOCK				
a)	WALL FENCE & GATE				
i)	SUBSTRUCTURE				
a)	Excavations and earth works,,.				
A	Excavate foundation trench commencing at stripped level; not exceeding 1.5m. deep.	M3	365.00		
B	Excavate column pit commencing at stripped level; not exceeding 1.5m. deep	M3	567.00		
C	Extra over; any kind of excavations for breaking up rock or the like (Provisional).	M3	37.00		
D	Back filling selected imported pure sand material; compact and consolidate around foundations.	M3	677.00		
E	Remove surplus excavated material away from site.	M3	255.00		
b)	Concrete work				
i)	Plain in situ concrete grade '10'				
A	50mm. Blinding	M2	672.00		
B	Plain in situ concrete grade '15' Foundations.	M3	87.00		
c	Finishings:				
i)	Dressed Decorative Tanga Stone Slates Finishing Fixing with Approved Grout or Other Equal and Approved Adhesive; external; As per Architect Specification and Approval on				
A	Blockwall Surface	M2	65.00		
d)	Block work;				
A	150mm thick Concrete block walling.	M2	815.00		
e)	ME TAL WORK: Mild steel; protected from rust by applying 3 coats of zinc chromate primer and two full coat of gloss painting.				
A	10x10x1200mm long square solid section infill vertical members c/c 100mm, welded to horizontal members one embedded into concrete coping and other end sharpened	No	1,255.00		
B	25x25x3000mm long square pipe horizontal members H welded to vertical member both end embered into concrete column.	No	205.00		

C	MILD STEEL GATE; 1200 x 2500mm high pedestrian gate fixed between columns; comprising of hollow section framing size 75x50x 5mm thick; in one leaf, in with and including 25x25mm sharpened on one end vertical including 32x50mm horizontal hollow pipes as per Architectural details; including ironmongery; painting two coat zinc chromate primer and two full coats of gloss oil paint.	No	1.00		
D	Ditto; main gate sizes 7500x2500mm siding gate: including, iron mongery; painting two coat zinc chromate primer and two full coats of gloss paint.	No	1.00		
7	UNDERGROUND WATER TANK				
1	EXCAVATION..				
A	Excavate trench to receive pipes commencing at ground level; not exceeding 1m deep; average 300mm width, including backfilling and compacting and removal of surplus excavated material.	M3	155.00		
B	150mm PVC Perforated drain pipe wrapped with geotextile fabric	M	500.00		
C	Excavate 500x300mm deep closed surface water drain channel comprising of 100mm thick base of plain insitu concrete grade '25', 150mm thick reinforced concrete wall sides, complete with concrete covers along main access roads.	M3	75.00		
D	Excavate 500x300mm deep open dish channel with 300mm diameter, comprising of 100mm thick base of plain insitu concrete grade '20' to internal plot road access.	M3	249.00		
E	400x400mm steel street cover with openings to allow street water drainage to be installed in parking areas. According to engineer's specifications	No	15.00		
5	MANHOLE:				

H	Construct standard manhole size 600 x 600mm average depth 1500mm deep; in 150mm. thick solid concrete blocks walls; 150mm. thick plain in-situ concrete grade '15' bed; complete with benching and all necessary pipe fittings; 1No. cast iron manholes covers and frames; finished to wall sides and top of slab with water proof cement and sand render; including excavation back filling and removal of surplus material; all as per and shown in the drawings.	No	30.00		
6	GULLY TRAP				
J	Construct a standard gully trap 300x300mmdeep;in thick concrete block walls complete with benching and all fittings and gully trap cover	No	15.00		
B	Excavate trench to receive pipes;commencing at ground level ; not exceeding 1.5m.deep;average 1000mm.deep;including grading bottom;Planking and strutting, filling in, compacting and disposal of surplus spoil.	M	150.00		
7	SEPTIC TANK:				
	tank				
A	Construct septic tank overall internal dimensions; size 4000 long x 2000wide x 1800mm deep from invert level in 230mm. thick solid concrete blocks walls; 230mm. thick plain in-situ concrete grade '15' bed; 100mm. thick reinforced in-situ concrete grade '20' suspended slab reinforced with 10mm diameter x 100 x 100mm BRC square mesh; 80mm. thick baffle wall; complete with necessary pipe fittings; 4No. cast iron manholes covers and frames; vent pipe; finished to wall sides and top of slab with 15mm thick, water proof cement and sand render; including excavation back filling and removal of surplus material; all as per and shown in the	No	1.00		

	drawings.				
8	SOAK PIT				
C	Construct Soak pit overall size 3000mm diameter x 2000mm from invert level average depth; in 230mm. solid concrete block walls with weep holes at a height shown in the drawings; 230 x 450mm. plain insitu concrete grade '15' foundation at the bottom; 100mm. Thick suspended slab in reinforced insitu concrete grade '20' reinforced with 10mm diameter x 100 x 100mm BRC square mesh; 1No. Cast iron manhole cover and frames; vent pipe; top of slab finished with cement and sand (1:3) screed; including excavations; backfilling and removal of surplus material; all as per and shown in the	No	1.00		
Summary					
BILL No 3 MEASURED WORKS					0.00
2.0 STREET LIGHTS					0.00
BILL NO. 2 PROVISIONAL AND PC SUMS					0.00
BILL NO. 1 PRELIMINARIES AND GENERAL MATTERS					0.00
BILL No 4 EXTERNAL WORKS					0.00
A. Total of Bills					14,000,000.00
B. Less Specified Provisional Sum					14,000,000.00
C. SUB TOTAL [(A) - (B)]					0.00
D. ADD Provisional Sum of Physical Contingency					0.00
E. SUB TOTAL [(C) + (D)]					0.00
F. ADD Provisional Sum of Variation of Prices					0.00
G. Sub Total [(E) + (F)]					0.00
H. ADD Value Added Tax (VAT) [18% of G]					0.00
I. Bid Price [(A) + (D) +(F) + (H)] Carried to the Form of Tender					14,000,000.00

Environmental and Social (ES) requirements

[The PE's team preparing the ES requirements should include a suitably qualified Environmental and Social specialist/s].

In preparing detailed specifications for ES requirements the PE should refer to and consider the applicable environmental and social standards in the ESF including the specific requirements set out in the Environmental and Social Commitment Plan (ESCP), EHSGs and other GIIP as well as SEA and SH prevention and management obligations.

The ES requirements should be prepared in a manner that does not conflict with the relevant General Conditions (and the corresponding Particular Conditions if any) and other parts of the Employer's Requirements.

The following is a non-exhaustive list of Sub-Clauses of the Conditions of Contract that make reference to ES matters stated in the Employer's Requirements]

Sub-Clause/Clause No.	Sub-Clause/Clause	Remarks
4.6	Co-operation	Indicate specific aspects (if any) that require the contractor's cooperation such as conducting environmental and social assessments.
4.8	Safety Procedures	Indicate if there would be a health service provider Indicate if access to or provision of services that accommodate the physical, social, and cultural needs of the Contractor's Personnel is required. Indicate any additional requirements for the health and safety manual
4.18	Protection of the Environment	Specify any values for emissions, surface discharges, effluent, and any other pollutants from the Contractor's activities that shall not be exceeded. The Contractor's CESMP shall set out the measures the Contractor will take to ensure compliance with these limit values.
4.22	Security of the Site	State any additional requirements for the security arrangements (ESS4 of the ESF states the principles of proportionality, GIIP and applicable Laws. Include any other requirement set out in the ESCP.

Sub- Clause/Clause No.	Sub-Clause/Clause	Remarks
4.24	Fossils	Specify other requirements if any in accordance with the ESF – ESS8
5.4	Technical Standards and Regulations	State any: <ul style="list-style-type: none"> ■ applicable technical standards and requirements including to address: <ul style="list-style-type: none"> ● climate change considerations, ■ universal access, ■ risks of the public's potential exposure to operational accidents or natural hazards, including extreme weather events,
6.2	Rate of Wages and	State applicable requirements in accordance with the

	<i>Conditions of Labour</i>	<i>labour management procedure.</i>
6.4	<i>Labour Laws</i>	<i>State applicable requirements in accordance with the labour management procedure.</i>
6.26	<i>Traning of Contractor's Personnel</i>	<i>As set out in the ESCP, specify,, details of any training to relevant Contractor's Personnel to be provided by the PE's Personnel on environmental and social aspects. (whom, what, when, where, how long etc.)</i>

In addition to provisions in the above table, the PE shall specify the following as applicable.

Management and Safety of Hazardous Materials

As applicable, specify requirements for the management and safety of hazardous materials).

Resource Efficiency and Pollution Prevention and Management

As applicable specify Resource Efficiency and Pollution Prevention and Management measures

Resource efficiency

The PE shall specify, as applicable, measures for improving efficient consumption of energy, water and raw materials, as well as other resources.

• ***Energy:*** *When the Works have been assessed to involve a potentially significant use of energy, specify any applicable measures to optimize energy usage.*

• ***Water:*** *When the Works have been assessed to involve a potentially significant use of water or will have potentially significant impacts on water quality, specify any applicable measures that avoid or minimize water usage so that the Works' water use does not have significant adverse impacts on communities, other users and the environment.*

• ***Raw material:*** *When the Works have been assessed to involve a potentially significant use of raw materials, specify any applicable measures to support efficient use of raw materials.*

Pollution prevention and management

Management of air pollution: *specify any measure to avoid or minimize Works related air pollution. See also Sub-Clause 4.18 of the GCC and the table above on Conditions of Contract that make reference to ES matters in the Employer's Requirements.*

• ***Management of hazardous and nonhazardous wastes:*** *specify any applicable measures to minimize the generation of waste, and reuse, recycle and recover waste in a manner that is safe for human health and the environment including storage, transportation and disposal of hazardous wastes. See also Sub-Clauses 4.8 and 4.18 of the GCC and the table above on Conditions of Contract that make reference to ES matters in the Employer's Requirements.*

• ***Management of chemicals and hazardous materials:*** *specify any applicable measures to minimize and control the release and use of hazardous materials for Works activities including the production, transportation, handling, and storage of the materials. See also Sub-Clauses 4.8 and 4.18 of the GCC and the table above on Conditions of Contract that make reference to ES matters in the Employer's Requirements.*

Biodiversity Conservation and Sustainable Management of Living Natural Resources

The PE shall specify, as applicable, Biodiversity Conservation and Sustainable Management of Living Natural Resources (see ESF - ESS6 and relevant guidance notes). This includes, as applicable:

• *invasive alien species: managing the risk of invasive alien species during the execution of the Works;*

• *sustainable management of living natural resources; and*

• *certification and verification requirements for the supply of natural resource materials where there is a risk of significant conversion or significant degradation of natural or critical habitats.*

See also Sub-Clause 4.18 of the GCC and the table above on Conditions of Contract that make reference to ES matters in the Employer's Requirements.

Road Safety

State any specific traffic and roadsafety requirement, as applicable. See also Sub- Clause 4.15 of the GCC. For details, refer to the GuidanceNote on Road safety.

SPECIFIED PROVISIONAL SUMS for ES OUTCOMES

The total of the prices of the activities inthe Activity Schedule is the Tenderer's offer to complete the works on a "single responsibility" basis. Thisincludes all of the Contractor's ESobligationsunder the Contract.

Provisionalsums may be specified by the PE for achieving specific ES outcomes. (e.g.for HIV counselling service, and SEA and SHawareness and sensitization or to encourage the contractor to deliverES outcomes beyond the requirement of the Contract).

LOT NO. 78J2/2024/2025/W/01
Constructio of new banana market buildings

S/N	Description	File Name	Attachment Type	Download Link
1	DRAWINGS	Architechtural drawings - Soko la Ndizi.pdf	Drawings	Download

Site Information

The information may include:

1. Topographic survey
2. Environmental and social baselinedata
3. Ground investigation data
4. Ground conditioninformation
5. Utility records
6. Land ownership information
7. Details of known accommodation works requirements
8. Ground water, surface waterand hydrological information e.g.
9. Statuary planningand zoning constraints
- 10.Orders consentspermits, licenses and compliance requirements
- 11.As built records of existing infrastructure
- 12.Details of anyrisks or hazards
13. Any other physical constraints[Any
other relevantsite information]

LOT NO. 78J2/2024/2025/W/01

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DRAWINGS

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PART 3 – CONDITIONS OF CONTRACT AND CONTRACTFORMS

SECTION VIII: GENERAL CONDITIONS OF CONTRACT (GCC)

1: General Provisions

1.1	Definition	1.1	In these Conditions of Contract, (General Conditions and Special Conditions), the following words and expressions shall have the meanings stated. Words indicating persons or parties include corporations and other legal entities, except where the context requires otherwise.
1.1.1	The Contract	1.1.1	<p>“Contract” means the Contract entered between the Employer and the Contractor for design and construction of works.</p> <p>“Letter of Acceptance” means the letter of formal acceptance of the bid, signed by the Employer and communicated to the Contractor.</p> <p>“Form of Tender” means the document entitled Form of Tender, which was completed by the Contractor and includes the signed offer to the Employer for the works.</p> <p>“Employer’s Requirement” means the document entitled Employer’s Requirement, as included in the Contract, and any additions and modifications to the Employer’s Requirement in accordance with the Contract. Such document specifies the Works.</p> <p>“Drawings” means the drawings of the Works, as included in the Contract, and any additional and modified drawings issued by (or on behalf of) the Employer in accordance with the Contract.</p> <p>“Schedules” means the document(s) entitled schedules, completed by the Contractor and submitted with the Form of Tender, as included in the Contract. Such document may include the Bill of Quantities, data, lists, and schedules of rates and/or prices.</p> <p>“Tender” means the Form of Tender and all other documents which the Contractor submitted with the Form of Tender, as included in the Contract.</p> <p>“Bill of Quantities” and “Day Work Schedule” and “Schedule of Payment Currencies” mean the documents so named (if any) which are comprised in the Schedules.</p>
1.1.2	Parties and Persons	1.1.2	<p>“Party” means the Employer or the Contractor, as the context requires.</p> <p>“Employer” means the person named as Employer in the Special Conditions of Contract (SCC) and the legal successors in title to this person.</p> <p>“Contractor” means the person(s) named as contractor in the Form of Tender accepted by the Employer and the legal successors in title to this person(s).</p> <p>“Project Manager” means the person appointed by the Employer to act as the Project Manager for the purposes of the Contract and named in the SCC, or other person appointed from time to time by the Employer and notified to the Contractor under Sub-Clause 3.5 [Replacement of the Project Manager].</p> <p>“Contractor’s Representative” means the person named by the Contractor in the Contract or appointed from time to time by the Contractor under Sub-Clause 4.3 [Contractor’s Representative], who acts on behalf of the Contractor.</p> <p>“Employer’s Personnel” means the Project Manager, the assistants</p>

			<p>referred to in Sub-Clause 3.3 [Delegation by the Project Manager] and all other staff, labour and other employees of the Project Manager and of the Employer; and any other personnel notified to the Contractor, by the Employer or the Project Manager, as Employer's Personnel.</p> <p>"Contractor's Personnel" means the Contractor's Representative and all personnel whom the Contractor utilises on Site, who may include the staff, labour and other employees of the Contractor and of each Subcontractor; and any other personnel assisting the Contractor in the execution of the Works.</p> <p>"Subcontractor" means any person named in the Contract as a subcontractor, or any person appointed as a subcontractor, for a part of the Works; and the legal successors in title to each of these persons.</p> <p>"Dispute Avoidance and Resolution Board(DARB)" means the person or three persons appointed under Sub-Clause</p> <p>20.3 [Appointment of the Dispute Avoidance and Resolution Board] or Sub-Clause 20.3 [Failure to Agree on the Composition of the Dispute Avoidance and Resolution Board]</p>
1.1.3	Dates, Tests, Periods and Completion	1.1.3	<p>"Base Date" means the date 28 days prior to the latest date for submission of the Bid.</p> <p>"Commencement Date" means the date notified under Sub- Clause 8.1 [Commencement of Works].</p> <p>"Time for Completion" means the time for completing the Works or a Section (as the case may be) under Sub-Clause</p> <p>8.2 [Time for Completion], as stated in the SCC (with any extension under Sub-Clause 8.4 [Extension of Time for Completion]), calculated from the Commencement Date.</p> <p>"Tests on Completion" means the tests which are specified in the Contract or agreed by both Parties or instructed as a Variation, and which are carried out under Sub-Clause 9 [Tests on Completion] before the Works or a Section (as the case may be) are taken over by the Employer.</p> <p>"Taking-Over Certificate" means a certificate issued under Sub-Clause 10 [Employer's Taking Over].</p> <p>"Tests after Completion" means the tests (if any) which are specified in the Contract and which are carried out in accordance with the Employer's Requirement after the Works or a Section (as the case may be) are taken over by the Employer.</p> <p>"Defects Notification Period" means the period for notifying defects in the Works or a Section (as the case may be) under Sub-Clause 11.1 [Completion of Outstanding Work and Remedying Defects], which extends over twelve months except if otherwise stated in the SCC (with any extension under Sub-Clause 11.3 [Extension of Defects Liability Period]), calculated from the date on which the Works or Section is completed as certified under Sub-Clause 10.1 [Taking Over of the Works and Sections].</p> <p>"Performance Certificate" means the certificate issued under Sub-Clause 11.9 [Performance Certificate].</p> <p>"Milestone" means a part of the Works stated in the Contract Data (if any), and described in detail in the Employer's Requirements as a Milestone, which is to be completed by the time for completion</p>

			<p>stated in Sub-Clause 4.27 [Milestones]</p> <p>“Milestone certificate” means the certificate issued by the Project Manager under Sub-Clause 4.27 [Milestones].</p> <p>“day” means a calendar day and “year” means 365 days.</p>
1.1.4	Money and Payments	1.1.4	<p>“Accepted Contract Amount” means the amount accepted in the Letter of Acceptance for the execution and completion of the Works and the remedying of any defects.</p> <p>“Contract Price” means the price defined in Sub-Clause 14.1 [The Contract Price], and includes adjustments in accordance with the Contract.</p> <p>“Cost” means all expenditure reasonably incurred (or to be incurred) by the Contractor, whether on or off the Site, including overhead and similar charges, but does not include profit.</p> <p>“Final Payment Certificate” means the payment certificate issued under Sub-Clause 14.13 [Issue of Final Payment Certificate].</p> <p>“Final Statement” means the statement defined in Sub- Clause 14.11 [Application for Final Payment Certificate].</p> <p>“Foreign Currency” means a currency in which part (or all) of the Contract Price is payable, but not the Local Currency.</p> <p>“Interim Payment Certificate” means a payment certificate issued under Sub-Clause 14 [Contract Price and Payment], other than the Final Payment Certificate.</p> <p>Currency” means the currency of the Country.</p> <p>“Payment Certificate” means a payment certificate issued under Sub-Clause 14 [Contract Price and Payment].</p> <p>“Provisional Sum” means a sum (if any) which is specified in the Contract as a provisional sum, for the execution of any part of the Works or for the supply of Plant, Materials or services under Sub-Clause 13.5 [Provisional Sums].</p> <p>“Retention Money” means the accumulated retention moneys which the Employer retains under Sub-Clause 14.3 [Application for Interim Payment Certificates] and pays under Sub-Clause 14.9 [Payment of Retention Money].</p> <p>“Statement” means a statement submitted by the Contractor as part of an application, under Sub-Clause 14 [Contract Price and Payment], for a payment certificate.</p>
1.1.5	Works and Goods	1.1.5	<p>“Contractor’s Equipment” means all apparatus, machinery, vehicles and other things required for the execution and completion of the Works and the remedying of any defects. However, Contractor’s Equipment excludes Temporary Works, Employer’s Equipment (if any), Plant, Materials and any other things intended to form or forming part of the Permanent Works.</p> <p>“Goods” means Contractor’s Equipment, Materials, Plant and Temporary Works, or any of them as appropriate.</p> <p>“Materials” means things of all kinds (other than Plant) intended to form or forming part of the Permanent Works, including the supply-only materials (if any) to be supplied by the Contractor under the Contract.</p> <p>“Permanent Works” means the permanent works to be executed by the Contractor under the Contract.</p>

			<p>“Plant” means the apparatus, machinery and other equipment intended to form or forming part of the Permanent Works, including vehicles purchased for the Employer and relating to the construction or operation of the Works.</p> <p>“Section” means a part of the Works specified in the SCC as a Section (if any).</p> <p>“Temporary Works” means all temporary works of every kind (other than Contractor’s Equipment) required on Site for the execution and completion of the Permanent Works and the remedying of any defects.</p> <p>“Works” mean the Permanent Works and the Temporary Works, or either of them as appropriate.</p>
1.1.6	Other Definitions	1.1.6	<p>“Contractor’s Documents” means the calculations, computer programs and other software, drawings, manuals, models and other documents of a technical nature (if any) supplied by the Contractor under the Contract.</p> <p>“Country” means the country in which the Site (or most of it) is located, where the Permanent Works are to be executed.</p> <p>“Employer’s Equipment” means the apparatus, machinery and vehicles (if any) made available by the Employer for the use of the Contractor in the execution of the Works, as stated in the Employer’s Requirement; but does not include Plant which has not been taken over by the Employer.</p> <p>“Force Majeure” is defined in Sub-Clause 19 [Force Majeure].</p> <p>“Laws” means all national (or state) legislation, statutes, ordinances and other laws, and regulations and by-laws of any legally constituted public authority.</p> <p>“Performance Security” means the security (or securities, if any) under Sub-Clause 4.2 [Performance Security].</p> <p>“Site” means the places where the Permanent Works are to be executed, including storage and working area, and to which Plant and Materials are to be delivered, and any other places specified in the Contract as forming part of the Site</p> <p>“Unforeseeable” means not reasonably foreseeable by an experienced contractor by the Base Date.</p> <p>“Variation” means any change to the Works, which is instructed or approved as a variation under Sub-Clause 13 [Variations and Adjustments].</p> <p>ES” means Environmental and Social (including Sexual Exploitation and Abuse (SEA), and Sexual Harassment (SH)).</p> <p>“Sexual Exploitation and Abuse” “(SEA)” means the following:</p> <p>Sexual Exploitation is defined as any actual or attempted abuse of position of vulnerability, differential power or trust, for sexual purposes, including, but not limited to, profiting monetarily, socially or politically from the sexual exploitation of another;</p> <p>Sexual Abuse is defined as the actual or threatened physical intrusion of a sexual nature, whether by force or under unequal or coercive conditions; and</p> <p>“Sexual Harassment” “(SH)” is defined as unwelcome sexual advances, requests for sexual favours, and other verbal or physical conduct of a sexual nature by the Contractor’s Personnel with other</p>

			Contractor's or Employer's Personnel.
1.2	Interpretation		<p>In the Contract, except where the context requires otherwise:</p> <p>(a) words indicating one gender include all genders;</p> <p>(b) words indicating the singular also include the plural and words indicating the plural also include the singular;</p> <p>(c) provisions including the word "agree," "agreed" or "agreement" require the agreement to be recorded in writing;</p> <p>(d) "written" or "in writing" means hand-written, type-written, printed or electronically made, and resulting in a permanent record; and</p> <p>(e) the word "tender" is synonymous with "bid", and "tenderer" with "bidder" and the words "tender documents" with "bidding documents"</p> <p>The marginal words and other headings shall not be taken into consideration in the interpretation of these Conditions.</p>
1.3	Communications	1.3	Communications between parties that are referred to in the Conditions shall be effective only when in writing. A notice shall be effective only when it is received by the concerned party. The language for communications shall be English
1.4	Governing Language and Law	1.4	<p>The governing language of the Contract shall be English.</p> <p>The Contract shall be governed by the laws of Tanzania, unless otherwise stated in the SCC.</p>
1.5	Priority of Documents	1.5	<p>1.5.1 The documents forming the Contract are to be taken as mutually explanatory of one another. For the purposes of interpretation, the priority of the documents shall be in accordance with the following sequence:</p> <p>(a) Form of Agreement;</p> <p>(b) Letter of Acceptance;</p> <p>(c) Special Conditions of Contract;</p> <p>(d) General Conditions of Contract;</p> <p>(e) Specifications (Employer's Requirements);</p> <p>(f) Drawings (if any);</p> <p>(g) Bill of Quantities (if any);</p> <p>(h) Completed Schedules including Price Schedules;</p> <p>(i) The following Appendices: [Note: If any of these Appendices are not used, the words "Not Used" should be inserted below next to the title of the Appendix and on the sheet attached hereto carrying the title of that Appendix.]</p>
		1.5.2	If an ambiguity or discrepancy is found in the documents, the Project Manager shall issue any necessary clarification or instruction.
1.6	Assignment	1.6.1	The Contractor shall not assign the whole or any part of the Contract or any benefit or interest in or under the Contract. However, the contractor:

			(a) may assign the whole or any part with the prior consent in writing of the Employer; and may, as security in favour of a bank or financial institution, assign its right to any moneys due, or to become due, under the Contract.
1.7	Care and Supply of Documents	1.7.1	Each of the Contractor's Documents shall be in the custody and care of the Contractor, unless and until taken over by the Employer. Unless otherwise stated in the Contract, the Contractor shall supply to the Project Manager number of copies of Contractor's Documents stated in the SCC .
		1.7.2	The Contractor shall keep, on the Site, a copy of the Contract, publications named in the Employer's Requirements, the Contractor's Documents including Drawings and approved Variations and other communications given under the Contract. Authorized personnel of the Employer shall have the right to access to the aforementioned documents at all reasonable times.
		1.7.3	If a Party becomes aware of an error or defect of technical nature in a document which was prepared for use in executing the Works, the Party shall promptly give notice to the other Party of such error or defect.
1.8	Error in the Employer's Requirements	1.8.1	If the Contractor suffers delay and/or incurs Cost as a result of an error in the Employer requirements, and experienced Contractor exercising due care would not have discovered the error when scrutinizing the employer's requirements under Sub-Clause 5.1 (General Design Obligations), the contractor shall give notice to the Project Manager and may be entitled subject to Sub-Clause 20.1 (contractor's claims) to an extension of time and associated costs (if any) for such delay, if completion is or will be delayed, under Sub-Clause 8.4 [Extension of Time for Completion].
		1.8.2	After receiving this further notice, the Project Manager shall proceed in accordance with Sub-Clause 3.6 [Determinations] to determine these matters.
1.9	Employer's Use of Contractor's Documents	1.9.1	The Contractor shall retain the copyright and other intellectual property rights in the Contractor's Documents and other design documents made by (or on behalf of) the Contractor.
		1.9.2	The Contractor shall be deemed (by signing the Contract) to give to the Employer a non-terminable transferable non-exclusive royalty-free licence to copy, use and communicate the Contractor's Documents, including making and using modifications of them. This licence shall: (a) apply throughout the actual or intended working life (whichever is longer) of the relevant parts of the Works, (b) entitle any person in proper possession of the relevant part of the Works to copy, use and communicate the Contractor's Documents for the purposes of completing, operating, maintaining, altering, adjusting, repairing and demolishing the Works, and in the case of Contractor's Documents which are in the form of computer programs and other software, permit their use on any computer on the Site and other places as envisaged by the Contract, including replacements of any computers supplied by the Contractor.
		1.9.3	The Contractor's Documents and other design documents made by the Contractor shall not, without the Contractor's consent, be used, copied or communicated to a third party by (or on behalf of) the Employer for purposes other than those permitted under this Sub-Clause .

1.10	Contractor's Use of Employer's Documents	1.10.1	The Employer shall retain the copyright and other intellectual property rights in the Employer's requirements including Drawings and other documents made by (or on behalf of) the Employer. The Contractor may, at his cost, copy, use, and obtain communication of these documents for the purposes of the Contract. They shall not, without the Employer's consent, be copied, used or communicated to a third party by the Contractor, except as necessary for the purposes of the Contract.
1.12	Compliance with Laws	1.12.1	The Contractor shall, in performing the Contract, comply with applicable Laws. Unless otherwise stated in the SCC: (a) the Employer shall have obtained (or shall obtain) the planning, zoning, or similar permission for the Permanent Works, and any other permissions described in the Employer's Requirement as having been (or to be) obtained by the Employer; and the Employer shall indemnify and hold the Contractor harmless against and from the consequences of any failure to do so; and (b) the Contractor shall give all notices, pay all taxes, duties and fees, and obtain all permits, licenses and approvals, as required by the Laws in relation to the design, execution and completion of the Works and the remedying of any defects; and the Contractor shall indemnify and hold the Employer harmless against and from the consequences of any failure to do so.
1.13	Taxes and Duties	1.13.1	The Contractor, Sub-contractors and Personnel shall pay such taxes, duties, fees and other impositions as may be levied under the Applicable Law unless otherwise stated in the SCC.
1.14	Joint and Several Liability	1.14.1	If the Contractor constitutes a joint venture, consortium, association of firms or other unincorporated grouping of two or more persons: (a) these persons shall be deemed to be jointly and severally liable to the Employer for the performance of the Contract; (b) these persons shall notify the Employer of their leader who shall have authority to bind the Contractor and each of these persons; and (c) the Contractor shall not alter its composition or legal status without the prior consent of the Employer.
1.15	Instructions, Inspections and Audits	1.15.1	The Employer's personnel shall at all reasonable times during construction of the Work be entitled to examine, inspect, measure and test the materials and workmanship, and to check the progress of the construction.
		1.15.2	If the Project Manager instructs the contractor to carry out a test not specified in the Employer's Requirement to check whether any work has a defect and the test shows that it does, the Contractor shall pay for the test and any samples. If there is no defect, the test shall be a Compensation Event.
		1.15.2	The Contractor shall permit the Funding Source named in the SCC to inspect the Contractor's accounts and records relating to the performance of the Contractor and to have them audited by auditors appointed by the Funding Source, if so required by the Funding Source.

2. The Employer

2.1	Right of Access to the Site	2.1.1	The Employer shall give the Contractor right of access to, and possession of, all parts of the Site within the time (or times) stated in the SCC. The right and possession may not be exclusive to the Contractor. If, under the Contract, the Employer is required to give (to the Contractor) possession of any foundation, structure, plant or means of access, the Employer shall do so in the time and manner stated in the Employer's requirements. However, the Employer may withhold any such right or possession until the Performance Security has been received.
		2.1.2	If no such time is stated in the SCC, the Employer shall give the Contractor right of access to, and possession of, the Site within such times as required to enable the Contractor to proceed without disruption in accordance with the programme submitted under Sub-Clause 8.3 [Programme].
		2.1.3	If the Contractor suffers delay and/or incurs Cost as a result of a failure by the Employer to give any such right or possession within such time, the Contractor shall give notice to the Project Manager and may be entitled subject to Sub-Clause 20.1 [Contractor's Claims] to an extension of time and associated costs (if any) for such delay, if completion is or will be delayed, under Sub-Clause 8.4 [Extension of Time for Completion].
		2.1.4	After receiving this notice, the Project Manager shall proceed in accordance with Sub-Clause 3.6 [Determinations] to determine these matters.
		2.1.5	However, if and to the extent that the Employer's failure was caused by any error or delay by the Contractor, including an error in, or delay in the submission of, any of the Contractor's Documents, the Contractor shall not be entitled to such extension of time and any associated costs.
2.2	Permits, Licenses or Approvals	2.2.1	The Employer shall provide, at the request of the Contractor, such reasonable assistance as to allow the Contractor to obtain properly: <ul style="list-style-type: none"> (a) copies of the Laws of the Country which are relevant to the Contract but are not readily available, and (b) any permits, licenses or approvals required by the Laws of the Country: <ul style="list-style-type: none"> (i) which the Contractor is required to obtain under Sub-Clause 1.12 [Compliance with Laws], (ii) for the delivery of Goods, including clearance through customs, and for the export of Contractor's Equipment when it is removed from the Site.
2.3	Employer's Personnel	2.3.1	The Employer shall be responsible for ensuring that the Employer's Personnel and the Employer's other contractors on the Site: <ul style="list-style-type: none"> (a) co-operate with the Contractor's efforts under Sub-Clause 4.6 [Co-operation], and (b) take actions similar to those which the Contractor is required to take under sub-paragraphs (a), (b) and (c) of Sub-Clause 4.8 [Safety Procedures] and under Sub-Clause 4.18 [Protection of the Environment].

2.4	Suspension of Financing	2.4.1	<p>If the Government has notified the Employer that the Government has suspended funds, which</p> <p>finances in whole or in part the execution of the Works, the Employer shall give notice of such suspension to the Contractor with detailed particulars, including the date of such notification, with a copy to the Project Manager, within 7 days of the Employer having received the suspension notification from the Government.</p>
		2.4.2	<p>In the event that the source of financing is suspended to the Employer, from which part of the payments to the Contractor are being made within fourteen (14) working days, the Parties shall mutually agree on the future events of the Contract.</p>
2.5	Employer's Claims	2.5.1	<p>If the Employer considers himself to be entitled to any payment under any Clause of these Conditions or otherwise in connection with the Contract, and/or to any extension of the Defects Liability Period, the Employer or the Project Manager shall give notice and particulars to the Contractor. However, notice is not required for payments due under Sub-Clause 4.19 [Electricity, Water and Gas], under Sub-Clause 4.20 [Employer's Equipment and Free-Issue Material], or for other services requested by the Contractor.</p>
		2.5.2	<p>The notice shall be given as soon as practicable and no longer than 28 days after the Employer became aware, or should have become aware, of the event or circumstances giving rise to the claim. A notice relating to any extension of the Defects Liability Period shall be given before the expiry of such period.</p>
		2.5.3	<p>The particulars shall specify the Clause or other basis of the claim, and shall include substantiation of the amount and/or extension to which the Employer considers himself to be entitled in connection with the Contract. The Project Manager shall then proceed in accordance with Sub-Clause 3.6 [Determinations] to agree or determine (i) the amount (if any) which the Employer is entitled to be paid by the Contractor, and/or (ii) the extension (if any) of the Defects Liability Period in accordance with Sub-Clause 11.3 [Extension of Defects Liability Period].</p>
		2.5.4	<p>This amount may be included as a deduction in the Contract Price and Payment Certificates. The Employer shall only be entitled to set off against or make any deduction from an amount certified in a Payment Certificate, or to otherwise claim against the Contractor, in accordance with this Sub- Clause.</p>
2.6	Employer- Supplied Materials and Employer's Equipment	2.6.1	<p>The Employer shall supply to the Contractor the Employer-Supplied Materials listed in the Employer's Requirements, at the time(s) stated in the Employer's Requirements (if not stated, within the times that shall be required to enable the Contractor to proceed with execution of the Works in accordance with the Programme).</p> <p>When made available by the Employer, the Contractor shall visually inspect the Employer- Supplied Materials and shall promptly give a Notice to the Project Manager of any shortage, defect or default in them. Thereafter, the Contractor shall rectify such shortage, defect or default to the extent instructed by the Project Manager. Such instruction shall be deemed to have been given under Sub-Clause 13.3.1 [Variation by Instruction].</p> <p>After this visual inspection, the Employer-Supplied Materials shall come under the care, custody and control of the Contractor. The</p>

			Contractor's obligations of inspection, care, custody, and control shall not relieve the Employer of liability of any shortage, defect or default not apparent from a visual inspection."
		2.6.2	<p>The Employer shall make the Employer's Equipment listed in the Employer's Requirements available to the Contractor at the time(s) stated in the Employer's Requirements (if not stated, within the times that shall be required to enable the Contractor to proceed with execution of the Works in accordance with the Programme).</p> <p>Unless expressly stated otherwise in the Employer's Requirements, the Employer's Equipment shall be provided for the exclusive use of the Contractor.</p> <p>When made available by the Employer, the Contractor shall visually inspect the Employer's Equipment and shall promptly give a Notice to the Project Manager of any shortage, defect or default in them. Thereafter, the Contractor shall rectify such shortage, defect or default to the extent instructed by the Project Manager. Such instruction shall be deemed to have been given under Sub-Clause 13.3.1 [Variation by Instruction].</p> <p>The Contractor shall be responsible for the Employer's Equipment while it is under the Contractor's control and/or any of the Contractor's Personnel is operating it, driving it, directing it, using it, or in control of it.</p> <p>The Contractor shall not remove from the Site any items of the Employer's Equipment without the consent of the Employer. However, consent shall not be required for vehicles transporting Goods or Contractor's personnel to or from the Site</p>

3. The Project Manager

3.1	Project Manager's Appointment,Duties, and Authority	3.1.1	The Employer shall appoint the Project Manager who shall carry out the duties assigned to him in the Contract. The Project Manager shall be an independent legal entity or firm duly registered by relevant professional bodies in Tanzania and contracted by the Employer. The Project Manager's staff shall include suitably qualified Architects/Project Managers and other professionals who are competent to carry out these duties.
		3.1.2	The Project Manager shall have no authority to amend the Contract without approval of the Employer.
		3.1.3	The Project Manager may exercise the authority attributable to the Project Manager as specified in or necessarily to be implied from the Contract. Notwithstanding the provisions of this Contract, if the Project Manager is required to obtain the approval of the Employer before exercising a specified authority, the requirements shall be as stated in the SCC . The Employer shall promptly inform the Contractor of any change to the authority attributed to the Project Manager.
		3.1.4	However, whenever the Project Manager exercises a specified authority for which the Employer's approval is required, then (for the purposes of the Contract) the Project Manager shall seek and obtain a written approval of the Employer.
		3.1.5	Except as otherwise stated in these Conditions: (a) whenever carrying out duties or exercising authority, specified in or implied by the Contract, the Project Manager shall be deemed to act for the Employer; (b) the Project Manager has no authority to relieve either Party of any duties, obligations or responsibilities under the Contract; and (c) any approval, check, certificate, consent, examination, inspection, instruction, notice, proposal, request, test, or similar act by the Project Manager (including absence of disapproval) shall not relieve the Contractor from any responsibility he has under the Contract, including responsibility for errors, omissions, discrepancies and non-compliances. (d) Any act by the Project Manager in response to a Contractor's request, except otherwise expressly specified, shall be notified in writing to the Contractor within the period stated in the SCC. Provided that such time shall not exceed 28 days from receipt of the request.

		3.1.6	<p>The following provisions shall apply:</p> <p>The Project Manager shall obtain the specific approval of the Employer before taking action under the following Sub-Clauses of these Conditions:</p> <p>(a) Sub-Clause 4.12 [Unforeseeable Physical Conditions]: Agreeing or determining an extension of time and/or additional cost.</p> <p>(b) Sub-Clause 13.1 [Right to Vary]: Instructing a Variation, except in an emergency situation as determined by the Project Manager.</p> <p>(c) Sub-Clause 13.3 [Variation Procedure]: Approving a proposal for Variation submitted by the Contractor in accordance with Sub-Clause 13.1 or 13.2.</p> <p>(d) Sub-Clause 13.4 [Payment in Applicable Currencies]: Specifying the amount payable in each of the applicable currencies.</p> <p>Notwithstanding the obligation, as set out above, to obtain approval, if, in the opinion of the Project Manager, an emergency occurs affecting the safety of life or of the Works or of adjoining property, he may, without relieving the Contractor of any of his duties and responsibility under the Contract, instruct the Contractor to execute all such work or to do all such things as may, in the opinion of the Project Manager, be necessary to abate or reduce the risk. The Contractor shall forthwith comply, despite the absence of approval of the Employer, with any such instruction of the Project Manager. The Project Manager shall determine an addition to the Contract Price, in respect of such instruction, in accordance with Clause 13 [Variations and Adjustments] and shall notify the Contractor accordingly, with a copy to the Employer.</p>
3.2	The Project Manager's Representative	3.2.1	The Project Manager may appoint a Project Manager's Representative and delegate to him/her in accordance with Sub-Clause 3.3 [Delegation by the Project Manager] the authority necessary to act on the Project Manager's behalf at the Site, except to replace the Project Manager's Representative.
		3.2.2	The Project Manager's Representative (if appointed) shall comply with sub-paragraphs (a) and (b) of Sub-Clause 3.1 [Project Manager's Appointment, Duties and Authority] and shall be based at the Site for the whole time that the Works are being executed at the Site. If the Project Manager's Representative is to be temporarily absent from the Site during the execution of the Works, an equivalently qualified, experienced and competent replacement shall be appointed by the Project Manager, and the Contractor shall be given a Notice of such replacement
		3.2.3	The Project Manager shall obtain the consent of the Employer before appointing or replacing an Project Manager's Representative
3.	Delegation by the Project Manager	3.3.1	The Project Manager may from time to time assign duties and delegate authority to assistants, and may also revoke such assignment or delegation. These assistants may include a resident Architect/Project Manager and/or independent inspectors appointed to inspect and/or test items of Plant and/or Materials. The assignment, delegation or revocation shall be in writing and shall not take effect until copies have been received by both

			Parties.
		3.3.2	However, unless otherwise agreed by both Parties, the Project Manager shall not delegate the authority to determine any matter in accordance with Sub-Clause 3.6 [Determinations].
		3.3.3	Assistants shall be suitably qualified persons, who are competent to carry out these duties and exercise this authority, and who are fluent in the language for communications defined in Sub-Clause 1.4 [Law and Language]. If any assistants are not fluent in this language, the Project Manager shall make competent interpreters available during all working hours, in a number sufficient for those assistants to properly perform their assigned duties and/or exercise their delegated authority.”
		3.3.4	Each assistant, to whom duties have been assigned or authority has been delegated, shall only be authorised to issue instructions to the Contractor to the extent defined by the delegation. Any approval, check, certificate, consent, examination, inspection, instruction, notice, proposal, request, test, or similar act by an assistant, in accordance with the delegation, shall have the same effect as though the act had been an act of the Project Manager.
		3.3.5	However, any failure to disapprove any work, Plant or Materials shall not constitute approval, and shall therefore not prejudice the right of the Project Manager to reject the work, Plant or Materials; and if the Contractor questions any determination or instruction of an assistant, the Contractor may refer the matter to the Project Manager, who shall promptly confirm, reverse or vary the determination or instruction.
3.4	Instructions of the Project Manager	3.4.1	The Project Manager may issue to the Contractor (at any time) instructions and additional or modified Drawings which may be necessary for the execution of the Works and the remedying of any defects, all in accordance with the Contract. The Contractor shall only take instructions from the Project Manager, or from an assistant to whom the appropriate authority has been delegated under this Clause. If an instruction constitutes a Variation, Sub-Clause 13 [Variations and Adjustments] shall apply.
		3.4.2	The Contractor shall comply with the instructions given by the Project Manager or delegated assistant, on any matter related to the Contract. Whenever practicable, their instructions shall be given in writing. If the Project Manager or a delegated assistant: <ul style="list-style-type: none"> (a) gives an oral instruction, (b) receives a written confirmation of the instruction, from (or on behalf of) the Contractor, within two working days after giving the instruction, and

			(c) does not reply by issuing a written rejection and/or instruction within two working days after receiving the confirmation, then the confirmation shall constitute the written instruction of the Project Manager or delegated assistant (as the case may be).
3.5	Replacement of the Project Manager	3.5.1	Notwithstanding Sub-Clause 3.1, if the Employer intends to replace the Project Manager, the Employer shall, not less than 21 days before the intended date of replacement, give notice to the Contractor of the name, address and relevant experience of the intended replacement Project Manager. If the Contractor considers the intended replacement Project Manager to be unsuitable, he has the right to raise reasonable objection against him by notice to the Employer, with supporting particulars, and the Employer shall give consideration to this objection.
3.6.	Determinations	3.6.1	Whenever these Conditions provide that the Project Manager shall proceed in accordance with this Sub-Clause to agree or determine any matter, the Project Manager shall consult with each Party in an endeavor to reach agreement. If agreement is not achieved, the Project Manager shall make a fair determination in accordance with the Contract, taking due regard of all relevant circumstances.
		3.6.2	The Project Manager shall give notice to both Parties of each agreement or determination, with supporting particulars within 14 working days from the receipt of the corresponding claim or request except when otherwise specified. Each Party shall give effect to each agreement or determination unless and until revised under Sub-Clause 20 [Claims, Disputes and Arbitration].

4. The Contractor		
4.1 Contractor's General Obligations	4.1.1	The Contractor shall design, execute and complete the Works in accordance with the Contract and with the Project Manager's instructions, and shall remedy any defects in the Works.
	4.1.2	The Contractor shall provide the Plant and Contractor's Documents specified in the Contract, and all Contractor's Personnel, Goods, consumables and other things and services, whether of a temporary or permanent nature, required in and for this design, execution, completion and remedying of defects.
	4.1.3	The works shall include any work which is necessary to satisfy the Employer's Requirements, contractor's Tender and Schedules, or is implied by the contract, and all works which (although not mentioned in the contract) are necessary for stability or for the completion, or safe and proper operation, of the works.
	4.1.4	The Contractor shall be responsible for the adequacy, stability and safety of all Site operations and of all methods of construction.
	4.1.5	The Contractor shall, whenever required by the Project Manager, submit details of the arrangements and methods which the Contractor proposes to adopt for the execution of the Works. No significant alteration to these arrangements and methods shall be made without this having previously been notified to the Project Manager.
	4.1.6	The Contractor shall not carry out mobilization to Site (e.g. limited clearance for haul roads, site accesses and work site establishment, geotechnical investigations or investigations to select ancillary features such as quarries and borrow pits) unless the Project Manager gives a Notice of No-objection to the Contractor, a Notice that shall not be unreasonably delayed, to the measures the Contractor proposes to manage the environmental and social risks and impacts, which at a minimum shall include applying the Management Strategies and Implementation Plans (MSIPs) and Code of Conduct for Contractor's Personnel submitted as part of the Tender and agreed as part of the Contract.
	4.1.7	The Contractor shall submit, to the Project Manager for Review and approval, any additional MSIPs as are necessary to manage the ES risks and impacts of ongoing Works (e.g. excavation, earth works, bridge and structure works, stream and road diversions, quarrying or extraction of materials, concrete batching and asphalt manufacture). These MSIPs collectively comprise the Contractor's Environmental and Social Management Plan (C-ESMP). The Contractor shall review the C-ESMP, periodically (but not less than every six (6) months), and update it as required to ensure that it contains measures appropriate to the Works. The updated C-ESMP shall be submitted to the Project Manager for Review

4.2 Performance Security and ES Performance Security	4.2.1	The Contractor shall obtain (at its cost) a Performance Security for proper performance and, if applicable, an Environmental and Social (ES) Performance Security for compliance with the Contractor's ES obligations, in the amounts stated in the SCC and denominated in the currency(ies) of the Contract or in a freely convertible currency acceptable to the Employer. If amounts are not stated in the SCC, this Sub-Clause shall not apply."
	4.2.2	The Contractor shall deliver the Performance Security and, if applicable, an ES Performance Security to the Employer within 14 days after receiving the Letter of Acceptance and shall send a copy to the Project Manager. The Performance Security shall be issued by a reputable bank or financial institution selected by the Contractor and shall be in the form annexed to the SCC , as stipulated by the Employer in the SCC , or in another form approved by the Employer. The ES Performance Security shall be issued by a reputable bank selected by the Contractor and shall be in the form annexed to the SCC , as stipulated by the Employer in the SCC , or in another form approved by the Employer.
	4.2.3	The Contractor shall ensure that the Performance Security and, if applicable, an ES Performance Security is valid and enforceable until the Contractor has executed and completed the Works and remedied any defects. If the terms of the Performance Security and, if applicable, an ES Performance Security specify its expiry date, and the Contractor has not become entitled to receive the Performance Certificate by the date 28 days prior to the expiry date, the Contractor shall extend the validity of the Performance Security and, if applicable, an ES Performance Security until the Works have been completed and any defects have been remedied.
	4.2.4	<p>The Employer shall not make a claim under the Performance Security, and, if applicable, an ES Performance Security, except for amounts to which the Employer is entitled under the Contract in the event of:</p> <ul style="list-style-type: none"> a) failure by the Contractor to extend the validity of the performance security as described in the preceding paragraph, in which event the Employer may claim the full amount of the performance security; b) failure by the Contractor to pay the Employer an amount due, as either agreed by the Contractor or determined under Sub-Clause 2.5 [Employer's Claims] or Sub-Clause 20 [Claims, Disputes and Arbitration], within 42 days after this agreement or determination; c) failure by the Contractor to remedy a default within 42 days after receiving the Employer's notice requiring the default to be remedied; or d) Circumstances which entitle the Employer to termination under Sub-Clause 15.2 [Termination by Employer], irrespective of whether notice of termination has been given.

	4.2.5	The Employer shall indemnify and hold the Contractor harmless against and from all damages, losses and expenses (including legal fees and expenses) resulting from a claim under the Performance Security to the extent to which the Employer was not entitled to make the claim.
	4.2.6	The Employer shall return the Performance Security to the Contractor within 21 days after receiving a copy of the Performance Certificate.
	4.2.7	Without limitation to the provisions of the rest of this Sub-Clause, whenever the Project Manager determines an addition or a reduction to the Contract Price as a result of a change in cost and/or legislation or as a result of cumulative Variations amounting to more than 10 percent of the portion of the Contract Price payable in a specific currency, the Contractor shall at the Project Manager's request promptly increase, or may decrease, as the case may be, the value of the Performance Security and, if applicable, an ES Performance Security in that currency by an equal percentage.
4.3 Contractor's Representative	4.3.1	The Contractor shall appoint the Contractor's Representative and shall give him all authority necessary to act on the Contractor's behalf under the Contract.
	4.3.2	Unless the Contractor's Representative is named in the Contract, the Contractor shall, prior to the Commencement Date, submit to the Project Manager for consent the name and particulars of the person the Contractor proposes to appoint as Contractor's Representative. If consent is withheld or subsequently revoked or if the appointed person fails to act as Contractor's Representative, the Contractor shall similarly submit the name and particulars of another suitable person for such appointment.
	4.3.3	The Contractor shall not, without the prior consent of the Project Manager, revoke the appointment of the Contractor's Representative or appoint a replacement.
	4.3.4	The whole time of the Contractor's Representatives shall be given to directing the Contractor's performance of the Contract. If the Contractor's Representative is to be temporarily absent from the Site during the execution of the Works, a suitable replacement person shall be appointed, subject to the Project Manager's prior consent, and the Project Manager shall be notified accordingly
	4.3.5	The Contractor's Representative shall, on behalf of the Contractor, receive instructions under Sub- Clause 3.4 [Instructions of the Project Manager].
	4.3.6	The Contractor's Representative may delegate any powers,

		functions and authority to any competent person, and may at any time revoke the delegation. Any delegation or revocation shall not take effect until the Project Manager has received prior notice signed by the Contractor's Representative, naming the person and specifying the powers, functions and authority being delegated or revoked.
	4.3.7	The Contractor's Representative shall be fluent in the language for communications defined in Sub-Clause 1.4 [Law and Language].
4.4. Subcontractors	4.4.1	The Contractor shall not subcontract the whole of the Works.
	4.4.2	<p>The Contractor shall be responsible for the acts or defaults of any Subcontractor, his agents or employees, as if they were the acts or defaults of the Contractor. Unless otherwise stated in the SCC:</p> <p>(a) the Contractor shall not be required to obtain consent to suppliers of Materials, or to a subcontract for which the Subcontractor is named in the Contract;</p> <p>(b) the prior consent of the Project Manager shall be obtained to other proposed Subcontractors;</p> <p>the Contractor shall give the Project Manager not less than 28 days notice of the intended date of the commencement of each Subcontractor's work, and of the commencement of such work on the Site.</p>
	4.4.3	The Contractor shall require that its Subcontractors execute the Works in accordance with the Contract, including complying with the relevant ES requirements.
4.5 Nominated Subcontractors	4.5.1	In this Sub-Clause , "nominated Subcontractor" means a Subcontractor whom the Project Manager , under Sub-Clause 13 [Variations and Adjustments], instructs the Contractor to employ as a Subcontractor. The Contractor shall not be under any obligation to employ a nominated Subcontractor against whom the Contractor raises reasonable objection by notice to the Project Manager as soon as practicable, with supporting particulars.
4.6. Co-operation	4.6.1	<p>The Contractor shall, as specified in the Contract or as instructed by the Project Manager, allow appropriate opportunities for carrying out work to:</p> <p>(a) the Employer's Personnel,</p> <p>(b) any other contractors employed by the Employer, and</p> <p>(c) the personnel of any legally constituted public authorities, who may be employed in the execution on or near the Site of any work not included in the Contract.</p>
	4.6.2	Any such instruction may constitute a Variation if and to the extent that it causes the Contractor to suffer delays and/or to incur Unforeseeable Cost. Services for these personnel and other contractors may include the use of Contractor's Equipment, Temporary Works or access arrangements which are the

		responsibility of the Contractor.
	4.6.3	The Contractor shall be responsible for his construction activities on the Site, and shall co- ordinate his own activities with those of other contractors to the extent (if any) specified in the Employer's Requirements.
	4.6.4	If, under the Contract, the Employer is required to give to the Contractor possession of any foundation, structure, plant or means of access in accordance with Contractor's Documents, the Contractor shall submit such documents to the Project Manager in the time and manner stated in the Employer's Requirements
	4.6.5	The Contractor shall also, as stated in the Employer's Requirements or as instructed by the Project Manager, cooperate with and allow appropriate opportunities for the Employer's Personnel to conduct any environmental and social assessment."
4.7 Setting Out	4.7.1	The Contractor shall set out the Works in relation to original points, lines and levels of reference specified in the Contract or notified by the Project Manager. The Contractor shall be responsible for the correct positioning of all parts of the Works, and shall rectify any error in the positions, levels, dimensions or alignment of the Works.
	4.7.2	The Employer shall be responsible for any errors in these specified or notified items of reference, but the Contractor shall use reasonable efforts to verify their accuracy before they are used.
	4.7.3	If the Contractor suffers delay and/or incurs cost from executing work which was necessitated by an error in these items of reference, and an experienced contractor could not reasonably have discovered such error and avoided this delay and/or cost, the Contractor shall give notice to the Project Manager and shall be entitled subject to Sub-Clause 20.1 [Contractor's Claims] to an extension of time and associated costs (if any) for such delay, if completion is or will be delayed, under Sub-Clause 8.4 [Extension of Time for Completion].
	4.7.4	After receiving this further notice, the Project Manager shall proceed in accordance with Sub- Clause 3.6 [Determinations] to determine these matters.
4.8 Safety Procedures	4.8.1	The Contractor shall: (a) comply with all applicable safety regulations, (b) take care for the safety of all persons entitled to be on the Site, (c) use reasonable efforts to keep the Site and Works clear of unnecessary obstruction so as to avoid danger to these persons, (d) provide fencing, lighting, guarding and watching of the Works

		<p>until completion and taking over under Sub-Clause 10 [Employer's Taking Over], and</p> <p>(e) provide any Temporary Works (including roadways, footways, guards and fences) which may be necessary, because of the execution of the Works, for the use and protection of the public and of owners and occupiers of adjacent land.</p>
4.9 Quality Assurance	4.9.1	The Contractor shall institute a quality assurance system to demonstrate compliance with the requirements of the Contract. The system shall be in accordance with the details stated in the Contract. The Project Manager shall be entitled to audit any aspect of the system.
	4.9.2	Details of all procedures and compliance documents shall be submitted to the Project Manager for information before each design and execution stage is commenced. When any document of a technical nature is issued to the Project Manager, evidence of the prior approval by the Contractor himself shall be apparent on the document itself.
	4.9.3	Compliance with the quality assurance system shall not relieve the Contractor of any of his duties, obligations or responsibilities under the Contract.
4.10 Site Data	4.10.1	The Employer shall have made available to the Contractor for his information, prior to the Base Date, all relevant data in the Employer's possession on sub-surface and hydrological conditions at the Site, including environmental aspects. The Employer shall similarly make available to the Contractor all such data which come into the Employer's possession after the Base Date. The Contractor shall be responsible for interpreting all such data.
	4.10.2	To the extent which was practicable (taking account of cost and time), the Contractor shall be deemed to have obtained all necessary information as to risks, contingencies and other circumstances which may influence or affect the Tender or Works.
	4.10.3	<p>To the same extent, the Contractor shall be deemed to have inspected and examined the Site, its surroundings, the above data and other available information, and to have been satisfied before submitting the Tender as to all relevant matters, including (without limitation):</p> <p>(a) the form and nature of the Site, including sub-surface conditions,</p> <p>(b) the hydrological and climatic conditions,</p> <p>(c) the extent and nature of the work and Goods necessary for the execution and completion of the Works and the remedying of any defects,</p> <p>(d) the Laws, procedures and labour practices of the Country, and</p>

		(e) the Contractor's requirements for access, accommodation, facilities, personnel, power, transport, water and other services.
4.11 Sufficiency of the Accepted Contract Amount	4.11.1	<p>The Contractor shall be deemed to:</p> <p>(a) have satisfied himself as to the correctness and sufficiency of the Accepted Contract Amount, and</p> <p>(b) have based the Accepted Contract Amount on the data, interpretations, necessary information, inspections, examinations and satisfaction as to all relevant matters referred to in Sub-Clause 4.10 [Site Data] and any further data relevant to the Contractor's design.</p>
	4.11.2	Unless otherwise stated in the Contract, the Accepted Contract Amount covers all the Contractor's obligations under the Contract (including those under Provisional Sums, if any) and all things necessary for the proper design, execution and completion of the Works and the remedying of any defects.
4.12 Unforeseeable Physical Conditions	4.12.1	In this Sub-Clause , "physical conditions" means natural physical conditions and man-made and other physical obstructions and pollutants, which the Contractor encounters at the Site when executing the Works, including sub-surface and hydrological conditions but excluding climatic conditions.
	4.12.2	If the Contractor encounters adverse physical conditions which he considers to have been Unforeseeable, the Contractor shall give notice to the Project Manager as soon as practicable.
	4.12.3	This notice shall describe the physical conditions, so that they can be inspected by the Project Manager, and shall set out the reasons why the Contractor considers them to be Unforeseeable. The Contractor shall continue executing the Works, using such proper and reasonable measures as are appropriate for the physical conditions, and shall comply with any instructions which the Project Manager may give. If an instruction constitutes a Variation, Clause 13 [Variations and Adjustments] shall apply.
	4.12.4	If and to the extent that the Contractor encounters physical conditions which are Unforeseeable, gives such a notice, and suffers delay and/or incurs Cost due to these conditions, the Contractor may be entitled subject to notice under Sub-Clause 20.1 [Contractor's Claims] to an extension of time and associated costs (if any) for any such delay, if completion is or will be delayed, under Sub-Clause 8.4 [Extension of Time for Completion].

	4.12.5	After receiving this further notice, the Project Manager shall proceed in accordance with Sub- Clause 3.6 [Determinations] to determine these matters.
	4.12.6	However, before additional Cost is finally agreed or determined under sub-paragraph (ii), the Project Manager may also review whether other physical conditions in similar parts of the Works (if any) were more favourable than could reasonably have been foreseen when the Contractor submitted the Tender. If and to the extent that these more favourable conditions were encountered, the Project Manager may proceed in accordance with Sub-Clause 3.6 [Determinations] to agree or determine the reductions in Cost which were due to these conditions, which may be included (as deductions) in the Contract Price and Payment Certificates. However, the net effect of all adjustments under sub-paragraph (b) and all these reductions, for all the physical conditions encountered in similar parts of the Works, shall not result in a net reduction in the Contract Price.
	4.12.7	The Project Manager may take account of any evidence of the physical conditions foreseen by the Contractor when submitting the Tender, which may be made available by the Contractor, but shall not be bound by any such evidence.
4.13 Rights of Way and Facilities	4.13.1	The Contractor shall bear all costs and charges for special and/or temporary rights-of-way which he may require, including those for access to the Site. The Contractor shall also obtain, at his risk and cost, any additional facilities outside the Site which he may require for the purposes of the Works.
4.14 Avoidance of Interference	4.14.1	The Contractor shall not interfere unnecessarily or improperly with: <ul style="list-style-type: none"> (a) the convenience of the public, or (b) the access to and use and occupation of all roads and footpaths, irrespective of whether they are public or in the possession of the Employer or of others.
	4.14.2	The Contractor shall indemnify and hold the Employer harmless against and from all damages, losses and expenses (including legal fees and expenses) resulting from any such unnecessary or improper interference.
4.15 Access Route	4.15.1	The Contractor shall be deemed to have been satisfied as to the suitability and availability of access routes to the Site at Base Date. The Contractor shall use reasonable efforts to prevent any road or bridge from being damaged by the Contractor's traffic or by the Contractor's Personnel. These efforts shall include the proper use of appropriate vehicles and routes.
	4.15.2	Except as otherwise stated in these Conditions: <ul style="list-style-type: none"> (a) the Contractor shall (as between the Parties) be responsible for any maintenance which may be required for his use of access

		<p>routes;</p> <p>(b) the Contractor shall provide all necessary signs or directions along access routes, and shall obtain any permission which may be required from the relevant authorities for his use of routes signs and directions;</p> <p>(c) the Employer shall not be responsible for any claims which may arise from the use or otherwise of any access route;</p> <p>(d) the Employer does not guarantee the suitability or availability of particular access routes; and</p> <p>(e) Costs due to non-suitability or non-availability, for the use required by the Contractor, of access routes shall be borne by the Contractor</p>
	4.15.3	<p>The Contractor shall take all necessary safety measures to avoid the occurrence of incidents and injuries to any third party associated with the use of, if any, Contractor's Equipment on public roads or other public infrastructure.</p> <p>The Contractor shall monitor and use road safety incidents and accidents reports to identify negative safety issues and establish and implement necessary measures to resolve them."</p>
4.16 Transport of Goods	4.16.1	<p>Unless otherwise stated in the SCC:</p> <p>(a) the Contractor shall give the Project Manager not less than 21 days' notice of the date on which any Plant or a major item of other Goods will be delivered to the Site;</p> <p>(b) the Contractor shall be responsible for packing, loading, transporting, receiving, unloading, storing and protecting all Goods and other things required for the Works; and</p> <p>(c) the Contractor shall indemnify and hold the Employer harmless against and from all damages, losses and expenses (including legal fees and expenses) resulting from the transport of Goods, and shall negotiate and pay all claims arising from their transport.</p>
4.17 Contractor's Equipment	4.17.1	<p>The Contractor shall be responsible for all Contractor's Equipment. When brought on to the Site, Contractor's Equipment shall be deemed to be exclusively intended for the execution of the Works.</p>
	4.17.2	<p>The Contractor shall not remove from the Site any major items of Contractor's Equipment without the consent of the Project Manager. However, consent shall not be required for vehicles transporting Goods or Contractor's Personnel off Site.</p>
4.18 Protection of the Environment	4.18.1	<p>The Contractor shall take all reasonable steps to protect the environment (both on and off the Site) and to limit damage and nuisance to people and property resulting from pollution, noise and other results of his operations.</p>

	4.18.2	The Contractor shall ensure that emissions, surface discharges and effluent from the Contractor's activities shall not exceed the values stated in the Employer's Requirement or prescribed by applicable Laws.
	4.18.3	In the event of damage to the environment, property and/or nuisance to people, on or off Site as a result of the Contractor's operations, the Contractor shall agree with the Project Manager the appropriate actions and time scale to remedy, as practicable, the damaged environment to its former condition. The Contractor shall implement such remedies at its cost to the satisfaction of the Project Manager.
4.19 Electricity, Water and Gas	4.19.1	The Contractor shall, except as stated below, be responsible for the provision of all power, water and other services he may require for his construction activities and to the extent defined in the Employer's Requirements, for the tests.
	4.19.2	The Contractor shall be entitled to use for the purposes of the Works such supplies of electricity, water, gas and other services as may be available on the Site and of which details and prices are given in the Employer's Requirement. The Contractor shall, at his risk and cost, provide any apparatus necessary for his use of these services and for measuring the quantities consumed.
	4.19.3	The quantities consumed and the amounts due (at these prices) for such services shall be agreed or determined by the Project Manager in accordance with Sub-Clause 2.5 [Employer's Claims] and Sub-Clause 3.6 [Determinations]. The Contractor shall pay these amounts to the Employer.
4.20 Employer's Equipment and Free-Issue Materials	4.20.1	The Employer shall make the Employer's Equipment (if any) available for the use of the Contractor in the execution of the Works in accordance with the details, arrangements and prices stated in the Schedule of Prices.
	4.20.2	Unless otherwise stated in the Employer's Requirement: (a) the Employer shall be responsible for the Employer's Equipment, except that (b) the Contractor shall be responsible for each item of Employer's Equipment whilst any of the Contractor's Personnel is operating it, driving it, directing it or in possession or control of it.
	4.20.3	The appropriate quantities and the amounts due (at such stated prices) for the use of Employer's Equipment shall be agreed or determined by the Project Manager in accordance with Sub-Clause 2.5 [Employer's Claims] and Sub-Clause 3.6 [Determinations]. The Contractor shall pay these amounts to the Employer.

	4.20.4	The Employer shall supply, free of charge, the “free-issue materials” (if any) in accordance with the details stated in the Employer’s Requirement. The Employer shall, at his risk and cost, provide these materials at the time and place specified in the Contract. The Contractor shall then visually inspect them, and shall promptly give notice to the Project Manager of any shortage, defect or default in these materials. Unless otherwise agreed by both Parties, the Employer shall immediately rectify the notified shortage, defect or default.
	4.20.5	After this visual inspection, the free-issue materials shall come under the care, custody and control of the Contractor. The Contractor’s obligations of inspection, care, custody and control shall not relieve the Employer of liability for any shortage, defect or default not apparent from a visual inspection.
4.21 Progress Reports	4.21.1	Unless otherwise stated in the SCC , monthly progress reports shall be prepared by the Contractor and submitted to the Project Manager in six copies. The first report shall cover the period up to the end of the first calendar month following the Commencement Date. Reports shall be submitted monthly thereafter, each within 7 working days after the last day of the period to which it relates.
	4.21.2	Reporting shall continue until the Contractor has completed all work which is known to be outstanding at the completion date stated in the Taking-Over Certificate for the Works.
	4.21.3	<p>Each report shall include:</p> <ul style="list-style-type: none"> (a) charts and detailed descriptions of progress, including each stage of design (if any), Contractor’s Documents, procurement, manufacture, delivery to Site, construction, erection and testing; and including these stages for work by each nominated Subcontractor (as defined in Sub-Clause 4.5 [Nominated Subcontractors]), (b) photographs showing the status of manufacture and of progress on the Site; (c) for the manufacture of each main item of Plant and Materials, the name of the manufacturer, manufacture location, percentage progress, and the actual or expected dates of: <ul style="list-style-type: none"> (i) commencement of manufacture, (ii) Contractor’s inspections, (iii) tests, and (iv) shipment and arrival at the Site; (d) the details described in Sub-Clause 6.9 [Records of Contractor’s Personnel and Equipment];

		<p>(e) copies of quality assurance documents, test results and certificates of Materials;</p> <p>(f) list of notices given under Sub-Clause 2.5 [Employer's Claims] and notices given under Sub-Clause 20.1 [Contractor's Claims];</p> <p>(g) the Environmental and Social (ES) metrics set out in Appendix A; and</p> <p>(h) comparisons of actual and planned progress, with details of any events or circumstances which may jeopardise the completion in accordance with the Contract, and the measures being (or to be) adopted to overcome delays.</p>
	4.21.4	In addition to the reporting requirement of sub-paragraph (g) of Sub-Clause 4.21.3 the Contractor shall inform the Project Manager immediately of any allegation, incident or accident, which has or is likely to have a significant adverse effect on the environment, the affected communities, the public, Employer's Personnel or Contractor's Personnel.
		This includes, but is not limited to, any incident or accident causing fatality or serious injury; significant adverse effects or damage to private property; or any allegation of SEA and/or SH. In case of SEA and/or SH, while maintaining confidentiality as appropriate, the type of allegation (sexual exploitation, sexual abuse or sexual harassment), gender and age of the person who experienced the alleged incident should be included in the information.
	4.21.5	<p>The Contractor, upon becoming aware of the allegation, incident or accident, shall also immediately inform the Project Manager of any such incident or accident on the Subcontractors' or suppliers' premises relating to the Works which has or is likely to have a significant adverse effect on the environment, the affected communities, the public, Employer's Personnel or Contractor's, its Subcontractors' and suppliers' personnel. The notification shall provide sufficient detail regarding such incidents or accidents. The Contractor shall provide full details of such incidents or accidents to the Project Manager within the timeframe agreed with the Project Manager.</p> <p>The Contractor shall require its Subcontractors and suppliers (other than Subcontractors) to immediately notify the Contractor of any incidents or accidents referred to in this Sub-Clause</p>
4.22 Security of the Site	4.22.1	<p>Unless otherwise stated in the SCC:</p> <p>(a) The Contractor shall be responsible for security of the site;</p>

		<p>(b) the Contractor shall be responsible for keeping unauthorised persons off the Site; and</p> <p>(c) authorised persons shall be limited to the Contractor's Personnel and the Employer's Personnel; and to any other personnel notified to the Contractor, by the Employer or the Project Manager, as authorised personnel of the Employer's other contractors on the Site.</p>
	4.22.2	Subject to Sub-Clause 4.1, the Contractor shall submit for the Project Manager's No-objection a security management plan that sets out the security arrangements for the Site.
	4.22.3	The Contractor shall (i) conduct appropriate background checks on any personnel retained to provide security; (ii) train the security personnel adequately (or determine that they are properly trained) in the use of force (and where applicable, firearms), and appropriate conduct towards Contractor's Personnel, Employer's Personnel and affected communities; and (iii) require the security personnel to act within the applicable Laws and any requirements set out in the Specification.
	4.22.4	The Contractor shall not permit any use of force by security personnel in providing security except when used for preventive and defensive purposes in proportion to the nature and extent of the threat.
	4.22.5	In making security arrangements, the Contractor shall also comply with any additional requirements stated in the Specification."
4.23 Contractor's Operations on Site	4.23.1	The Contractor shall confine his operations to the Site, and to any additional areas which may be obtained by the Contractor and agreed by the Project Manager as additional working areas. The Contractor shall take all necessary precautions to keep Contractor's Equipment and Contractor's Personnel within the Site and these additional areas, and to keep them off adjacent land.
	4.23.2	During the execution of the Works, the Contractor shall keep the Site free from all unnecessary obstruction, and shall store or dispose of any Contractor's Equipment or surplus materials. The Contractor shall clear away and remove from the Site any wreckage, rubbish and Temporary Works which are no longer required.
	4.23.3	Upon the issue of a Taking-Over Certificate, the Contractor shall clear away and remove, from that part of the Site and Works to which the Taking- Over Certificate refers, all Contractor's Equipment, surplus material, wreckage, rubbish and Temporary Works. The Contractor shall leave that part of the Site and the Works in a clean and safe condition. However, the Contractor may retain on Site, during the Defects Liability Period, such Goods as are required for the Contractor to fulfil obligations under the Contract.

4.24 Fossils	4.24.1	<p>All fossils, coins, articles of value or antiquity, structures, groups of structures, and other remains or items of geological, archaeological, paleontological, historical, architectural or religious interest found on the Site shall be placed under the care and custody of the Employer. The Contractor shall:</p> <ul style="list-style-type: none"> (a) take all reasonable precautions, including fencing-off the area or site of the finding, to avoid further disturbance and prevent Contractor's Personnel or other persons from removing or damaging any of these findings; (b) train relevant Contractor's Personnel on appropriate actions to be taken in the event of such findings; and (c) implement any other action consistent with the requirements of the Employer's Requirements and relevant Laws.
	4.24.2	<p>The Contractor shall, upon discovery of any such finding, promptly give notice to the Project Manager, who shall issue instructions for dealing with it. If the Contractor suffers delay and/or incurs Cost from complying with the instructions, the Contractor shall give a further notice to the Project Manager and shall be entitled subject to Sub-Clause 20.1 [Contractor's Claims] to an extension of time and any associated costs (if any) for such delay, if completion is or will be delayed, under Sub-Clause 8.4 [Extension of Time for Completion].</p>
	4.24.3	<p>After receiving this further notice, the Project Manager shall proceed in accordance with Sub-Clause 3.6 [Determinations] to determine these matters.</p>
4.25 Suppliers (other than Subcontractors)	4.25.1	<p><u>Forced Labour</u></p> <p>The Contractor shall take measures to require its suppliers (other than Subcontractors) not to employ or engage forced labour including trafficked persons as described in Sub-Clause 6.19 [Prohibition of Forced or Compulsory Labour]. If forced labour/trafficking cases are identified, the Contractor shall take measures to require the suppliers to take appropriate steps to remedy them. Where the supplier does not remedy the situation, the Contractor shall within a reasonable period substitute the supplier with a supplier that is able to manage such risks.</p>
	4.25.2	<p><u>Child labour</u></p> <p>The Contractor shall take measures to require its suppliers (other than Subcontractors) not to employ or engage child labour as described in Sub-Clause 6.20 [Prohibition of Harmful Child Labour]. If child labour cases are identified, the Contractor shall take measures to require the suppliers to take appropriate steps to remedy them. Where the supplier does not remedy the situation, the Contractor shall within a reasonable period substitute the supplier with a supplier that is able to manage such risks.</p>
	4.25.3	<p><u>Serious Safety Issues</u></p> <p>The Contractor, including its Subcontractors, shall comply with all</p>

		<p>applicable safety obligations, including as stated in Sub-Clauses 4.4, 4.8 and 6.7. The Contractor shall also take measures to require its suppliers (other than Subcontractors) to adopt procedures and mitigation measures adequate to address safety issues related to their personnel. If serious safety issues are identified, the Contractor shall take measures to require the suppliers to take appropriate steps to remedy them. Where the supplier does not remedy the situation, the Contractor shall within a reasonable period substitute the supplier with a supplier that is able to manage such risks.</p>
	4.25.4	<p><u>Obtaining natural resource materials in relation to supplier</u></p> <p>The Contractor shall obtain natural resource materials from suppliers that can demonstrate, through compliance with the applicable verification and/ or certification requirements that obtaining such materials is not contributing to the risk of significant conversion or significant degradation of natural or critical habitats such as unsustainably harvested wood products, gravel or sand extraction from river beds or beaches.</p> <p>If a supplier cannot continue to demonstrate that obtaining such materials is not contributing to the risk of significant conversion or significant degradation of natural or critical habitats, the Contractor shall within a reasonable period substitute the supplier with a supplier that is able to demonstrate that they are not significantly adversely impacting the habitats</p>
4.26 Code of Conduct	4.26.1	<p>The Contractor shall have a Code of Conduct for the Contractor's Personnel.</p> <p>The Contractor shall take all necessary measures to ensure that each Contractor's Personnel is made aware of the Code of Conduct including specific behaviors that are prohibited, and understands the consequences of engaging in such prohibited behaviors.</p> <p>These measures include providing instructions and documentation that can be understood by the Contractor's Personnel and seeking to obtain that person's signature acknowledging receipt of such instructions and/or documentation, as appropriate.</p>
	4.26.2	<p>The Contractor shall also ensure that the Code of Conduct is visibly displayed in multiple locations on the Site and any other place where the Works will be carried out, as well as in areas outside the Site accessible to the local community and project affected people. The posted Code of Conduct shall be provided in languages comprehensible to Contractor's Personnel, Employer's Personnel and the local community.</p> <p>The Contractor's Management Strategy and Implementation Plans shall include appropriate processes for the Contractor to verify compliance with these obligations.</p>
4.27 Milestones	4.27.1	<p>If no Milestones are specified in the SCC, this Sub-Clause shall not apply.</p>

	4.27.2	The Contractor shall complete the works of each Milestone (including the all work which is stated in the Employer's Requirements as being required for the Milestone to be considered complete) within the time for completion of the milestone, as stated in the Contract Data, calculated from the Commencement Date.
	4.27.3	The Contractor shall include, in the initial programme and each revised programme, under sub-paragraph (a) of Sub-Clause 8.3 [Programme], the time for completion of each Milestone. Sub-paragraph 9(d) of Sub-Clause 8.4 [Advance Warning] and Sub-Clause 8.4 [Extension of the Time for Completion] shall apply to each Milestone, such that "Time for Completion" under Sub-Clause 8.5 shall be read as the time for completion of a Milestone under this Sub-Clause.
	4.27.4	<p>The Contractor may apply, by Notice to the Project Manager, for a Milestone certificate not earlier than 14 days before the works of a Milestone will, in the Contractor's opinion, be complete. The Project Manager shall, within 28 days after receiving the Contractor's Notice:</p> <ul style="list-style-type: none"> (a) issue the Milestone Certificate to the Contractor, stating the date on which the works of a Milestone were completed in accordance with the Contract, except for any minor outstanding work and defects (as shall be listed in the Milestone Certificate); or (b) reject the application, giving reasons and specifying the work required to be done and defects required to be remedied by the Contractor to enable the Milestone Certificate to be issued.
	4.27.5	<p>The Contractor shall then complete the work referred to in subparagraph (b) of this Sub-Clause before issuing a further Notice of application under this Sub-Clause.</p> <p>If the Project Manager fails either to issue the Milestone Certificate or to reject the Contractor's application within the above period of 28 days, and if the works of a Milestone are completed in accordance with the Contract, the Milestone Certificate shall be deemed to have been issued on the date which is 14 days after the date stated in the Contractor's Notice of application.</p>
	4.27.6	<p>If delay damages for a Milestone are stated in the Contract Data, and if the Contractor fails to complete the works of the Milestone within the time for completion of the Milestone (with any extension under this Sub-Clause):</p> <ul style="list-style-type: none"> (i) the Contractor shall, subject to Sub-Clause 20.1 [Claims], pay delay damages to the Employer for this

		<p>default;</p> <p>(ii) such delay damages shall be the amount stated in the Contract Data, for every day which shall elapse between the time for completion for the Milestone (with any extension under this Sub-Clause) and the date stated in the Milestone Certificate;</p> <p>(iii) the total amount of delay damages for all Milestones shall not exceed the maximum amount stated in the Contract Data (this shall not limit the Contractor's liability for delay damages in any case of fraud, gross negligence, deliberate default or reckless misconduct by the Contractor).</p>
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5. Design		
5.1 General Design Obligations	5.1.1	The Contractor shall carry out, and be responsible for, the design of the Works. Design shall be prepared by qualified designers who are Architects/engineers or other professionals who comply with the criteria (if any) stated in the Employer's Requirements. Unless otherwise stated in the Contract, the Contractor shall submit to the Project Manager for consent the name and particulars of each proposed designer and design Subcontractor.
	5.1.2	The Contractor warrants that he, his designers and design Subcontractors have the experience and capability necessary for the design. The Contractor undertakes that the designers shall be available to attend discussions with the Project Manager at all reasonable times, until the expiry date of the relevant Defects Liability Period.
	5.1.3	Upon receiving notice under Sub-Clause 8.1 [Commencement of Works], the Contractor shall scrutinise the Employer's Requirements (including design criteria and calculations, if any) and the items of reference mentioned in Sub-Clause 4.7 [Setting Out]. Within the period stated in the Appendix to Tender, calculated from the Commencement Date, the Contractor shall give notice to the Project Manager of any error, fault or other defect found in the Employer's Requirements or these items of reference.
	5.1.4	After receiving this notice, the Project Manager shall determine whether Sub-Clause 13 [Variations and Adjustments] shall be applied, and shall give notice to the Contractor accordingly. If and to the extent that (taking account of cost and time) an experienced contractor exercising due care would have discovered the error, fault or other defect when examining the Site and the Employer's Requirements before submitting the Tender, the Time for Completion shall not be extended and the Contract Price shall not be adjusted.
5.2 Contractor's Documents	5.2.1	The Contractor's Documents shall comprise the technical documents specified in the Employer's Requirements, documents required to satisfy all regulatory approvals, and the documents described in Sub-Clause 5.6 [As-Built Documents] and Sub-Clause 5.7 [Operation and Maintenance Manuals]. Unless otherwise stated in the Employer's Requirements, the Contractor's Documents shall be written in the language for communications defined in Sub-Clause 1.4 [Law and Language].
	5.2.2	The Contractor shall prepare all Contractors' Documents and shall also prepare any other documents necessary to instruct the Contractor's Personnel. The Employer's Personnel shall have the right to inspect the preparation of all these documents, wherever they are being prepared.
	5.2.3	If the Employer's Requirements describe the Contractor's

		<p>Documents which are to be submitted to the Project Manager for review and/or for approval, they shall be submitted accordingly, together with a notice as described below. In the following provisions of this Sub-Clause, (i) "review period" means the period required by the Project Manager for review and (if so specified) for approval, and (ii) "Contractor's Documents" exclude any documents which are not specified as being required to be submitted for review and/or for approval.</p> <p>Unless otherwise stated in the Employer's Requirements, each review period shall not exceed 21 days, calculated from the date on which the Project Manager receives a Contractor's Document and the Contractor's notice. This notice shall state that the Contractor's Document is considered ready, both for review (and approval, if so specified) in accordance with this Sub-Clause and for use. The notice shall also state that the Contractor's Document complies with the Contract, or the extent to which it does not comply.</p>
	5.2.4	<p>The Project Manager may, within the review period, give notice to the Contractor that a Contractor's Document fails (to the extent stated) to comply with the Contract. If a Contractor's Document so fails to comply, it shall be rectified, resubmitted and reviewed (and, if specified, approved) in accordance with this Sub-Clause, at the Contractor's cost.</p>
	5.2.5	<p>For each part of the Works, and except to the extent that the prior approval or consent of the Project Manager shall have been obtained:</p> <ul style="list-style-type: none"> (a) in the case of a Contractor's Document which has (as specified) been submitted for the Project Manager's approval: <ul style="list-style-type: none"> (i) the Project Manager shall give notice to the Contractor that the Contractor's Document is approved, with or without comments, or that it fails (to the extent stated) to comply with the Contract; (ii) execution of such part of the Works shall not commence until the Project Manager has approved the Contractor's Document; and (iii) the Project Manager shall be deemed to have approved the Contractor's Document upon the expiry of the review periods for all the Contractor's Documents which are relevant to the design and execution of such part, unless the Project Manager has previously notified otherwise in accordance with sub-paragraph (i); (b) execution of such part of the Works shall not commence prior to the expiry of the review periods for all the Contractor's Documents which are relevant to its design and execution; (c) execution of such part of the Works shall be in accordance with these reviewed (and, if specified, approved) Contractor's Documents; and (d) if the Contractor wishes to modify any design or document which has previously been submitted for review (and, if specified, approval), the Contractor shall immediately give notice to the Project Manager. Thereafter, the Contractor shall submit revised documents to the Project Manager in accordance with the above procedure.

	5.2.6	If the Project Manager instructs that further Contractor's Documents are required, the Contractor shall prepare them promptly.
	5.2.7	Any such approval or consent, or any review (under this Sub-Clause or otherwise), shall not relieve the Contractor from any obligation or responsibility.
5.3 Contractor's Undertakings	5.3.1	The Contractor undertakes that the design, the Contractor's Documents, the execution and the completed Works will be in accordance with: (a) the Laws of Tanzania, and (b) the documents forming the Contract, as altered or modified by Variations.
5.4 Technical Standards and Regulations	5.4.1	The design, the Contractor's Documents, the execution and the completed Works shall comply with the Country's technical standards, building, construction and environmental Laws, Laws applicable to the product being produced from the Works, and other standards specified in the Employer's Requirements, applicable to the Works, or defined by the applicable Laws.
	5.4.2	All these Laws shall, in respect of the Works and each Section, be those prevailing when the Works or Section are taken over by the Employer under Sub-Clause 10 [Employer's Taking Over]. References in the Contract to published standards shall be understood to be references to the edition applicable on the Base Date, unless stated otherwise.
	5.4.3	If changed or new applicable standards come into force in the Country after the Base Date, the Contractor shall give notice to the Project Manager and (if appropriate) submit proposals for compliance. In the event that: (a) the Project Manager determines that compliance is required, and (b) the proposals for compliance constitute a variation, then the Project Manager may initiate a Variation in accordance with Sub-Clause 13 [Variations and Adjustments].
	5.4.4	If so stated in the Employer's Requirements, the Contractor shall: (a) take into account climate change considerations in the design of structural elements of the Works and new buildings if any; and (b) apply the concept of universal access to the design and construction of structures and new buildings if any (the concept of universal access means unimpeded access for people of all ages and abilities in different situations and under various circumstances.)"

5.5 Training	5.5.1	The Contractor shall carry out the training of Employer's Personnel in the operation and maintenance of the Works to the extent specified in the Employer's Requirements. If the Contract specifies training which is to be carried out before taking-over, the Works shall not be considered to be completed for the purposes of taking-over under Sub-Clause 10.1 [Taking Over of the Works and Section s] until this training has been completed.
5.6 As-Built Documents	5.6.1	The Contractor shall prepare, and keep up-to- date, a complete set of "as-built" records of the execution of the Works, showing the exact as-built locations, sizes and details of the work asexecuted. These records shall be kept on the Site and shall be used exclusively for the purposes of this Sub-Clause . Two copies shall be supplied to the Project Manager prior to the commencementof the Tests on Completion.
	5.6.2	In addition, the Contractor shall supply to theProject Manager as-built drawings of the Works, showing all Works as executed, and submit them to the Project Manager for review under Sub- Clause 5.2 [Contractor's Documents]. The Contractor shall obtain the consent of the Project Manager as to their size, the referencing system, and other relevant details.
	5.6.3	Prior to the issue of any Taking-Over Certificate, the Contractor shall supply to the Project Manager the specified numbers and types of copies of the relevant as-built drawings, in accordance with the Employer's Requirements. The Works shall not be considered to be completed for the purposes of taking-over under Sub-Clause 10.1 [Taking Over of the Works and Section s] until the Project Manager has received these documents.
5.7 Operation and Maintenance Manuals	5.7.1	Prior to commencement of the Tests on Completion, the Contractor shall supply to the Project Manager provisional operation andmaintenance manuals in sufficient detail for the Employer to operate, maintain, dismantle, reassemble, adjust and repair the Plant.
	5.7.2	The Works shall not be considered to be completed for the purposes of taking-over under Sub-Clause 10.1 [Taking Over of the Works and Section s] until the Project Manager has received final operation and maintenance manuals in such detail, and any other manuals specified in the Employer's Requirements for these purposes.
5.8 Design Error	5.8.1	If errors, omissions, ambiguities, inconsistencies, inadequacies or other defects are found in theContractor's Documents, they and the Works shall be corrected at the Contractor's cost, notwithstanding any consent or approval underthis Clause

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6. Staff and Labour		
6.1 Engagement of Staff and Labour	6.1.1	Except as otherwise stated in the Employer's Requirement, the Contractor shall make arrangements for the engagement of all staff and labour, local or otherwise, and for their payment, feeding, transport, and, when appropriate, housing.
	6.1.2	The Contractor shall be obliged, to the extent practicable and reasonable, to employ staff and labour in compliance with Laws of Tanzania. And the Contractor is encouraged, to the extent practicable and reasonable, to employ staff and Labour with appropriate qualifications and experience from within Tanzania.
	6.1.3	The Contractor shall provide the Contractor's Personnel information and documentation that are clear and understandable regarding their terms and conditions of employment. The information and documentation shall set out their rights under relevant labour Laws applicable to the Contractor's Personnel (which will include any applicable collective agreements), including their rights related to hours of work, wages, overtime, compensation and benefits, as well as those arising from any requirements in the Employer's Requirements. The Contractor's Personnel shall be informed when any material changes to their terms or conditions of employment occur.
6.2 Rates of Wages and Conditions of Labour	6.2.1	The Contractor shall pay rates of wages, and observe conditions of labour, which are not lower than those established for the trade or industry where the work is carried out. If no established rates or conditions are applicable, the Contractor shall pay rates of wages and observe conditions which are not lower than the general level of wages and conditions observed locally by Employers whose trade or industry is similar to that of the Contractor.
	6.2.2.	<p>The Contractor shall inform the Contractor's Personnel about:</p> <ul style="list-style-type: none"> (a) any deduction to their payment and the conditions of such deductions in accordance with the applicable Laws or as stated in the Employer's Requirements; and (b) their liability to pay personal income taxes in the Country in respect of such of their salaries, wages, allowances and any benefits as are subject to tax under the Laws of the Country for the time being in force. <p>The Contractor shall perform such duties in regard to such deductions thereof as may be imposed on him by such Laws.</p>
	6.2.3	Where required by applicable Laws or as stated in the Employer's Requirements, the Contractor shall provide the Contractor's Personnel written notice of termination of employment and details of severance payments in a timely manner. The Contractor shall have paid the Contractor's

		Personnel (either directly or where appropriate for their benefit) all due wages and entitlements including, as applicable, social security benefits and pension contributions, on or before the end of their engagement/employment.”
6.3 Persons in the Service of Employer	6.3.1	The Contractor shall not recruit, or attempt to recruit, staff and labour from amongst the Employer’s Personnel.
6.4 Labour Laws	6.4.1	The Contractor shall comply with all the relevant labour Laws applicable to the Contractor’s Personnel, including Laws relating to their employment, health, safety, welfare, immigration and emigration, and shall allow them all their legal rights.
	6.4.2	The Contractor shall require his employees to obey all applicable Laws, including those concerning safety at work.
	6.4.3	The Contractor shall provide the Contractor’s Personnel annual holiday and sick, maternity and family leave, as required by applicable Laws or as stated in the Employer’s Requirements
6.5 Facilities for Staff and Labour	6.5.1	Except as otherwise stated in the Employer’s Requirement, the Contractor shall provide and maintain all necessary accommodation and welfare facilities for the Contractor’s Personnel. The Contractor shall also provide facilities for the Employer’s Personnel as stated in the Employer’s Requirement.
	6.5.2	The Contractor shall not permit any of the Contractor’s Personnel to maintain any temporary or permanent living quarters within the structures forming part of the Permanent Works.
	6.5.3	“If stated in the Employer’s Requirements, the Contractor shall give access to or provide services that accommodate the physical, social and cultural needs of the Contractor’s Personnel. The Contractor shall also provide similar facilities for the Employer’s Personnel as stated in the Employer’s Requirements
6.6 Health and Safety of Personnel	6.6.1	The Contractor shall at all times take all reasonable precautions to maintain the health and safety of the Contractor’s Personnel. In collaboration with local health authorities, the Contractor shall ensure that medical staff, first aid facilities, sick bay and ambulance service are available at all times at the Site and at any accommodation for Contractor’s and Employer’s Personnel, and that suitable arrangements are made for all necessary welfare and hygiene requirements and for the prevention of epidemics.
	6.6.2	Subject to Sub-Clause 6.7.1, the Contractor shall submit to the Project Manager for Review a health and safety manual which has been specifically prepared for the Works, the Site and other

		places (if any) where the Contractor intends to execute the Works
	6.6.3	<p>The health and safety manual shall be in addition to any other similar document required under applicable health and safety regulations and Laws. The health and safety manual shall set out all the health and safety requirements under the Contract, which shall include at a minimum:</p> <ul style="list-style-type: none"> a) the procedures to establish and maintain a safe working environment without risk to health at all workplaces, machinery, equipment and processes under the control of the Contractor, including control measures for chemical, physical and biological substances and agents; b) details of the training to be provided, records to be kept; c) the procedures for prevention, preparedness and response activities to be implemented in the case of an emergency event (i.e. an unanticipated incident, arising from both natural and man-made hazards, typically in the form of fire, explosions, leaks or spills, which may occur for a variety of different reasons including failure to implement operating procedures that are designed to prevent their occurrence, extreme weather or lack of early warning); d) the measures to be taken to avoid or minimize the potential for community exposure to water-borne, water-based, water-related, and vector-borne diseases, e) the measures to be implemented to avoid or minimize the spread of communicable diseases (including transfer of Sexually Transmitted Diseases or Infections (STDs), such as HIV virus) and non-communicable diseases associated with the execution of the Works, taking into consideration differentiated exposure to and higher sensitivity of vulnerable groups. This includes taking measures to avoid or minimize the transmission of communicable diseases that may be associated with the influx of temporary or permanent Contract-related labour; f) the policies and procedures on the management and quality of accommodation and welfare facilities if such accommodation and welfare facilities are provided by the Contractor in accordance with Sub-Clause 6.6.1; and g) any other requirements stated in the Specification.
	6.6.4	<p>The Contractor shall appoint an accident prevention officer at the Site, responsible for maintaining safety and protection against accidents. This person shall be qualified for this responsibility and shall have the authority to issue instructions and take protective measures to prevent accidents. Throughout the execution of the Works, the Contractor shall provide whatever is required by this person to exercise this responsibility and</p>
	6.6.5	<p>The Contractor shall send, to the Project Manager, details of any accident as soon as practicable after its occurrence. The Contractor shall maintain records and make reports concerning</p>

		health, safety and welfare of persons, and damage to property, as the Project Manager may reasonably require.
	6.6.6	The Contractor shall conduct a COVID-19 and an HIV-AIDS awareness programme via an approved service provider and shall undertake such other measures as are specified in this Contract to reduce the risk of the transfer of the COVID-19 and HIV virus between and among the Contractor's Personnel and the local community, to promote early diagnosis and to assist affected individuals.
	6.6.7	The Contractor shall throughout the contract (including the Defects Notification Period): (i) conduct Information, Education and Consultation Communication (IEC) campaigns, at least every other month, addressed to all the Site staff and labor (including all the Contractor's employees, all Sub-Contractors and Consultants' employees, and all truck drivers and crew making deliveries to Site for construction activities) and to the immediate local communities, concerning the risks, dangers and impact, and appropriate avoidance behavior with respect to, of Sexually Transmitted Diseases (STD)—or Sexually Transmitted Infections (STI) in general and HIV/AIDS in particular; (ii) provide male or female condoms for all Site staff and labor as appropriate; and (iii) provide for STI and HIV/AIDS screening, diagnosis, counseling and referral to a dedicated national STI and HIV/AIDS program, (unless otherwise agreed) of all Site staff and labor.
	6.6.8	The Contractor shall include in the program to be submitted for the execution of the Works under Sub-Clause 8.3 an alleviation program for Site staff and labour and their families in respect of Sexually Transmitted Infections (STI) and Sexually Transmitted Diseases (STD) including HIV/AIDS. The STI, STD and HIV/AIDS alleviation program shall indicate when, how and at what cost the Contractor plans to satisfy the requirements of this Sub-Clause and the related specification. For each component, the program shall detail the resources to be provided or utilized and any related sub-contracting proposed. The program shall also include provision of a detailed cost estimate with supporting documentation. Payment to the Contractor for preparation and implementation of this program shall not exceed the Provisional Sum dedicated for this purpose.
6.7 Contractor's Superintendence	6.7.1	Throughout the execution of the Works, and as long thereafter as is necessary to fulfil the Contractor's obligations, the Contractor shall provide all necessary superintendence to plan, arrange, direct, manage, inspect and test the work.
	6.7.2	Superintendence shall be given by a sufficient number of persons having adequate knowledge of the language for communications (defined in Sub-Clause 1.4 [Law and Language]) and of the operations to be carried out (including

		the methods and techniques required, the hazards likely to be encountered and methods of preventing accidents), for the satisfactory and safe execution of the Works.
6.8 Contractor's Personnel	6.8.1	<p>The Contractor's Personnel shall be appropriately qualified, skilled and experienced in their respective trades or occupations. The Project Manager may require the Contractor to remove (or cause to be removed) any person employed on the Site or Works, including the Contractor's Representative if applicable, who:</p> <ul style="list-style-type: none"> (a) persists in any misconduct or lack of care; (b) carries out duties incompetently or negligently; (c) fails to comply with any provision of the Contract; (d) persists in any conduct which is prejudicial to safety, health, or the protection of the environment; (e) based on reasonable evidence, is determined to have engaged in Fraud and Corruption during the execution of the Works; (f) has been recruited from the Employer's Personnel in breach of Sub-Clause 6.3 [Persons in the Service of Employer]; (g) undertakes behavior which breaches the Code of Conduct for Contractor's Personnel (ES).
	6.8.2	If appropriate, the Contractor shall then promptly appoint (or cause to be appointed) a suitable replacement with equivalent skills and experience. In the case of replacement of the Contractor's Representative, Sub-Clause 4.3 [Contractor's Representative] shall apply. In the case of replacement of Key Personnel (if any), Sub-Clause 6.11 [Key Personnel] shall apply.
	6.8.3	Subject to the requirements in Sub-Clause 4.3 [Contractor's Representative] and 6.11 [Key Personnel], and notwithstanding any requirement from the Project Manager to remove or cause to remove any person, the Contractor shall take immediate action as appropriate in response to any violation of (a) through (g) above. Such immediate action shall include removing (or causing to be removed) from the Site or other places where the Works are being carried out, any Contractor's Personnel who engages in (a), (b), (c), (d), (e) or (g) above or has been recruited as stated in (f) above."
6.9 Records of Contractor's Personnel and Equipment	6.9.1	The Contractor shall submit, to the Project Manager, details showing the number of each class of Contractor's Personnel and of each type of Contractor's Equipment on the Site. Details shall be submitted each calendar month, in a form approved by the Project Manager, until the Contractor has completed all work which is known to be outstanding at the completion date stated in the Taking-Over Certificate for the Works.
6.10 Disorderly Conduct	6.10.1	The Contractor shall at all times take all reasonable precautions to prevent any unlawful, riotous or disorderly conduct by or amongst the Contractor's Personnel, and to preserve peace and

		protection of persons and property on and near the Site.
6.11 Key Personnel	6.11.1	The Contractor shall, if specified in the Employer's Requirements, appoint the natural persons named in the Tender to the positions of Key Personnel. If not so named, or if an appointed person fails to act in the relevant position of Key Personnel, the Contractor shall submit to the Project Manager for consent the name and particulars of another person the Contractor proposes to appoint to such position. If consent is withheld or If the Project Manager does not respond within 14 days after receiving any such submission, by giving a Notice stating his/her objection to the appointment of such person (or replacement) with reasons, the Project Manager shall be deemed to have given his/her consent.
	6.11.2	The Contractor shall not, without the Project Manager's prior consent, revoke the appointment of any of the Key Personnel or appoint a replacement (unless the person is unable to act as a result of death, illness, disability or resignation, in which case the appointment shall be deemed to have been revoked with immediate effect and the appointment of a replacement shall be treated as a temporary appointment until the Project Manager gives his/her consent to this replacement, or another replacement is appointed, under this Sub-Clause).
	6.11.3	All Key Personnel shall be based at the Site (or, where Works are being executed off the Site, at the location of the Works) for the whole time that the Works are being executed. If any of the Key Personnel is to be temporarily absent during execution of the Works, a suitable replacement shall be temporarily appointed, subject to the Project Manager's prior consent.
	6.11.4	All Key Personnel shall be fluent in the language for communications defined in Sub-Clause 1.4 [Law and Language]. If any of the Key Personnel are not fluent in this language, the Contractor shall make competent interpreters available during all working hours in a number deemed sufficient by the Project Manager.
6.12 Foreign Personnel	6.12.1	The Contractor may bring into the country any foreign personnel who are necessary for the execution of the Works to the extent allowed by the applicable Laws. The Contractor shall ensure that these personnel are provided with the required residence visas and work permits. The Employer will, if requested by the Contractor, use his best endeavors in a timely and expeditious manner to assist the Contractor in obtaining any local, state, national, or government permission required for bringing in the Contractor's personnel.

	6.12.2	The Contractor shall be responsible for the return of these personnel to the place where they were recruited or to their domicile. In the event of the death in the Country of any of these personnel or members of their families, the Contractor shall similarly be responsible for making the appropriate arrangements for their return or burial.
6.13 Supply of Foodstuffs and Water	6.13.1	The Contractor shall arrange for the provision of a sufficient supply of suitable food as may be stated in the Specification at reasonable prices for the Contractor's Personnel for the purposes of or in connection with the Contract.
	6.13.2	The Contractor shall, having regard to local conditions, provide on the Site an adequate supply of drinking and other water for the use of the Contractor's Personnel.
6.14 Measures against Insect and Pest Nuisance	6.14.1	The Contractor shall at all times take the necessary precautions to protect the Contractor's Personnel employed on the Site from insect and pest nuisance, and to reduce their danger to health. The Contractor shall comply with all the regulations of the local health authorities, including use of appropriate insecticide.
6.15 Alcoholic Liquor or Drugs	6.15.1	The Contractor shall not, otherwise than in accordance with the Laws of Tanzania, import, sell, give barter or otherwise dispose of any alcoholic liquor or drugs, or permit or allow importation, sale, gift barter or disposal thereto by Contractor's Personnel.
6.16 Arms and Ammunition	6.16.1	The Contractor shall not give, barter, or otherwise dispose of, to any person, any arms or ammunition of any kind, or allow Contractor's Personnel to do so.
6.17 Festivals and Religious Customs	6.17.1	The Contractor shall respect Tanzania's recognized festivals, days of rest and religious or other customs.
6.18 Funeral Arrangements	6.18.1	The Contractor shall be responsible, to the extent required by local regulations, for making any funeral arrangements for any of his local employees who may die while engaged upon the Works.
6.19 Prohibition of Forced or Compulsory Labour	6.19.1	The contractor shall not employ "forced or compulsory labour" in any form. "Forced or compulsory labour" consists of all work or service, not voluntarily performed, that is extracted from an individual under threat of force or penalty.
	6.19.2	The Contractor, including its Subcontractors, shall not employ or engage forced labour. Forced labour consists of any work or service, not voluntarily performed, that is exacted from an individual under threat of force or penalty, and includes any kind of involuntary or compulsory labour, such as indentured labour, bonded labour or similar labour-contracting arrangements.

	6.19.3	No persons shall be employed or engaged who have been subject to trafficking. Trafficking in persons is defined as the recruitment, transportation, transfer, harboring or receipt of persons by means of the threat or use of force or other forms of coercion, abduction, fraud, deception, abuse of power, or of a position of vulnerability, or of the giving or receiving of payments or benefits to achieve the consent of a person having control over another person, for the purposes of exploitation.
6.20 Prohibition of Harmful Child Labour	6.20.1	The Contractor, including its Subcontractors, shall not employ or engage a child under the age of 14 unless the Laws of Tanzania specifies a higher age (the minimum age). The Contractor, including its Subcontractors, shall not employ or engage a child between the minimum age and the age of 18 in a manner that is likely to be hazardous, or to interfere with, the child's education, or to be harmful to the child's health or physical, mental, spiritual, moral, or social development.
	6.20.2	The Contractor including its Subcontractors, shall only employ or engage children between the minimum age and the age of 18 after an appropriate risk assessment has been conducted by the Contractor with the Project Manager's consent. The Contractor shall be subject to regular monitoring by the Project Manager that includes monitoring of health, working conditions and hours of work.
	6.20.3	<p>Work considered hazardous for children is work that, by its nature or the circumstances in which it is carried out, is likely to jeopardize the health, safety, or morals of children. Such work activities prohibited for children include work:</p> <ul style="list-style-type: none"> (a) with exposure to physical, psychological or sexual abuse; (b) underground, underwater, working at heights or in confined spaces; (c) with dangerous machinery, equipment or tools, or involving handling or transport of heavy loads; (d) in unhealthy environments exposing children to hazardous substances, agents, or processes, or to temperatures, noise or vibration damaging to health; or under difficult conditions such as work for long hours, during the night or in confinement on the premises of the employer.
6.21 Employment Records of Workers	6.21.1	The Contractor shall keep complete and accurate records of the employment of labour at the Site. The records shall include the names, ages, genders, hours worked and wages paid to all
		workers. These records shall be summarized on a monthly basis and submitted to the Project Manager, and these records shall be available for inspection by Auditors during normal working hours. These records shall be included in the details to be submitted by the Contractor under Sub-Clause 6.10 [Records of Contractor's Personnel and Equipment] .

6.22 Workers' Organisations	6.22.1	In accordance with Tanzania's labour laws which recognise workers' rights to form and to join workers' organizations of their choosing and to bargain collectively without interference, the Contractor shall comply with such laws. In such circumstances, the role of legally established workers' organizations and legitimate workers' representatives will be respected, and they will be provided with information needed for meaningful negotiation in a timely manner.
	6.22.2	Where the relevant labour laws substantially restrict workers' organizations, the Contractor shall enable alternative means for the Contractor's Personnel to express their grievances and protect their rights regarding working conditions and terms of employment. The Contractor shall not seek to influence or control these alternative means. The Contractor shall not discriminate or retaliate against the Contractor's Personnel who participate, or seek to participate, in such organizations and collective bargaining or alternative mechanisms. Workers' organizations are expected to fairly represent the workers in the workforce.
6.23 Non-Discrimination and Equal Opportunity	6.23.1	The Contractor shall not make decisions relating to the employment or treatment of Contractor's Personnel on the basis of personal characteristics unrelated to inherent job requirements. The Contractor shall base the employment of Contractor's Personnel on the principle of equal opportunity and fair treatment and shall not discriminate with respect to any aspects of the employment relationship, including recruitment and hiring, compensation (including wages and benefits), working conditions and terms of employment, access to training, job assignment, promotion, termination of employment or retirement, and disciplinary practices.
	6.23.2	Special measures of protection or assistance to remedy past discrimination or selection for a particular job based on the inherent requirements of the job shall not be deemed discrimination. The Contractor shall provide protection and assistance as necessary to ensure nondiscrimination and equal opportunity, including for specific groups such as women, people with disabilities, migrant workers and children (of working age in accordance with GCC 6.21).
6.24 Contractor's Personnel Grievance Mechanism	6.24.1	The Contractor shall have a grievance mechanism for Contractor's Personnel, and where relevant the workers' organizations stated in GCC 6.23, to raise workplace concerns. The grievance mechanism shall be proportionate to the nature, scale, risks and impacts of the Contract. The mechanism shall address concerns promptly, using an understandable and transparent process that provides timely feedback to those concerned in a language they understand, without any retribution, and shall operate in an independent and objective manner.
	6.24.2	The Contractor's Personnel shall be informed of the grievance mechanism at the time of engagement for the Contract, and the measures put in place to protect them against any reprisal for its use. Measures will be put in place to make the grievance mechanism easily accessible to all Contractor's Personnel.
	6.24.3	The grievance mechanism shall not impede access to other judicial or administrative remedies that might be available, or substitute for grievance mechanisms provided through

		collective agreements.
	6.24.4	The grievance mechanism may utilize existing grievance mechanisms, providing that they are properly designed and implemented, address concerns promptly, and are readily accessible to such project workers. Existing grievance mechanisms may be supplemented as needed with Contract-specific arrangements
6.25 Training of Contractor's Personnel	6.25.1	<p>The Contractor shall provide appropriate training to relevant Contractor's Personnel on ES aspects of the Contract, including appropriate sensitization on prohibition of SEA and SH, and health and safety training.</p> <p>As stated in the Specification or as instructed by the Project Manager, the Contractor shall also allow appropriate opportunities for the relevant Contractor's Personnel to be trained on ES aspects of the Contract by the Employer's Personnel.</p> <p>The Contractor shall provide training on SEA and SH, including its prevention, to any of its personnel who has a role to supervise other Contractor's Personnel.</p>

7. Plant, Materials and Workmanship		
7.1 Manner of Execution	7.1.1	The Contractor shall carry out the manufacture of Plant, the production and manufacture of Materials, and all other execution of the Works: (a) in the manner (if any) specified in the Contract, (b) in a proper workmanlike and careful manner, in accordance with recognised good practice, and (c) with properly equipped facilities and non- hazardous Materials, except as otherwise specified in the Contract.
7.2 Samples	7.2.1	The Contractor shall submit the following samples of Materials, and relevant information, to the Project Manager for consent prior to using the Materials in or for the Works: (a) manufacturer's standard samples of Materials and samples specified in the Contract, all at the Contractor's cost, and (b) additional samples instructed by the Project Manager as a Variation. Each sample shall be labelled as to origin and intended use in the Works.
7.3 Inspection	7.3.1	The Authorized Employer's Personnel shall at all reasonable times: (a) have full access to all parts of the Site and to all places from which natural Materials are being obtained, and (b) during production, manufacture and construction (at the Site and elsewhere), be entitled to examine, inspect, measure and test the materials and workmanship, and to check the progress of manufacture of Plant and production and manufacture of Materials.
	7.3.2	The Contractor shall give the Employer's Personnel full opportunity to carry out these activities, including providing access, facilities, permissions and safety equipment. No such activity shall relieve the Contractor from any obligation or responsibility.
	7.3.3	The Contractor shall give notice to the Project Manager whenever any work is ready and before it is covered up, put out of sight, or packaged for storage or transport. The Project Manager shall then either carry out the examination, inspection, measurement or testing without unreasonable delay, or promptly give notice to the Contractor that the Project Manager does not require to do so.
	7.3.4	If the Contractor fails to give the notice, he shall, if and when required by the Project Manager, uncover the work and thereafter reinstate and make good, all at the Contractor's cost.
7.4 Testing	7.4.1	This Sub-Clause shall apply to all tests specified in the Contract, other than the Tests after Completion (if any).
	7.4.2	Except as otherwise specified in the Contract, the Contractor shall provide all apparatus, assistance, documents and other information, electricity, equipment, fuel, consumables, instruments, labour, materials, and suitably qualified and experienced staff, as are necessary to carry out the specified tests efficiently. The Contractor shall agree, with the Project Manager, the

		time and place for the specified testing of any Plant, Materials and other parts of the Works.
	7.4.3	The Project Manager may, under Sub-Clause 13 [Variations and Adjustments], vary the location or details of specified tests, or instruct the Contractor to carry out additional tests. If these varied or additional tests show that the tested Plant, Materials or workmanship is not in accordance with the Contract, the cost of carrying out this Variation shall be borne by the Contractor, notwithstanding other provisions of the Contract.
	7.4.4	The Project Manager shall give the Contractor not less than 24 hours' notice of the Project Manager's intention to attend the tests. If the Project Manager does not attend at the time and place agreed, the Contractor may proceed with the tests, unless otherwise instructed by the Project Manager, and the tests shall then be deemed to have been made in the Project Manager's presence.
	7.4.5	If the Contractor suffers delay and/or incurs Cost from complying with these instructions or as a result of a delay for which the Employer is responsible, the Contractor shall give notice to the Project Manager and shall be entitled subject to Sub-Clause 20.1 [Contractor's Claims] to an extension of time and associated costs (if any) for such delay, if completion is or will be delayed, under Sub-Clause 8.4 [Extension of Time for Completion].
	7.4.6	After receiving this notice, the Project Manager shall proceed in accordance with Sub-Clause 3.6 [Determinations] to determine these matters.
	7.4.7	The Contractor shall promptly forward to the Project Manager duly certified reports of the tests. When the specified tests have been passed, the Project Manager shall endorse the Contractor's test certificate, or issue a certificate to him, to that effect. If the Project Manager has not attended the tests, he shall be deemed to have accepted the readings as accurate.
7.5 Rejection	7.5.1	If, as a result of an examination, inspection, measurement or testing, any Plant, Materials or workmanship is found to be defective or otherwise not in accordance with the Contract, the Project
		Manager may reject the Plant, Materials or workmanship by giving notice to the Contractor, with reasons. The Contractor shall then promptly make good the defect and ensure that the rejected item complies with the Contract.
	7.5.2	If the Project Manager requires this Plant, Materials or workmanship to be retested, the tests shall be repeated under the same terms and conditions. If the rejection and retesting cause the Employer to incur additional costs, the Contractor shall subject to Sub-Clause 2.5 [Employer's Claims] pay these costs to the Employer.

7.6 Remedial Work	7.6.1	<p>Notwithstanding any previous test or certification, the Project Manager may instruct the Contractor to:</p> <ul style="list-style-type: none"> (a) remove from the Site and replace any Plant or Materials which is not in accordance with the Contract, (b) remove and re-execute any other work which is not in accordance with the Contract, and (c) execute any work which is urgently required for the safety of the Works, whether because of an accident, unforeseeable event or otherwise.
	7.6.2	<p>The Contractor shall comply with the instruction within a reasonable time, which shall be the time (if any) specified in the instruction, or immediately if urgency is specified under sub-paragraph (c).</p>
	7.6.3	<p>If the Contractor fails to comply with the instruction, the Employer shall be entitled to employ and pay other persons to carry out the work. Except to the extent that the Contractor would have been entitled to payment for the work, the Contractor shall subject to Sub-Clause 2.5 [Employer's Claims] pay to the Employer all costs arising from this failure.</p>
7.7 Ownership of Plant and Materials	7.7.1	<p>Except otherwise specified in the Contract, each item of Plant and Materials shall, to the extent consistent with the Laws of the Country, become the property of the Employer at whichever is the earlier of the following times, free from liens and other encumbrances:</p> <ul style="list-style-type: none"> (a) when it is incorporated in the Works; (b) when the Contractor is paid the corresponding value of the Plant and Materials under Sub-Clause 8.9 [Payment for Plant and Materials in Event of Suspension].
7.8 Royalties	7.8.1	<p>Unless otherwise stated in the Employer's Requirements, the Contractor shall pay all royalties, rents and other payments for:</p> <ul style="list-style-type: none"> (a) natural Materials obtained from outside the Site, and (b) the disposal of material from demolitions and excavations and of other surplus material (whether natural or man-made), except to the extent that disposal areas within the Site are specified in the Contract.

8. Commencement, Delays and Suspension		
8.1 Commencement of Works	8.1.1	<p>Except otherwise specified in the SCC, the Commencement Date shall be the date at which the following precedent conditions have all been fulfilled and the Project Manager's instruction recording the agreement of both Parties on such fulfilment and instructing to commence the Works is received by the Contractor:</p> <p>(a) except if otherwise specified in the SCC, possession of the Site given to the Contractor together with such permission(s) under (a) of Sub-Clause 1.12.1 [Compliance with Laws] as required for the commencement of the Works; and</p> <p>(b) receipt by the Contractor of the Advance Payment under Sub-Clause 14.2 [Advance Payment] provided that the corresponding bank guarantee has been delivered by the Contractor.</p> <p>If the above said Project Manager's instruction is not received by the Contractor within 180 days from his receipt of the Letter of Acceptance, the Contractor shall be entitled to terminate the Contract under Sub-Clause 16.2 [Termination by Contractor].</p>
	8.1.2	<p>Subject to Sub-Clause 4.1.7 on the Management Strategies and Implementation Plans and the C- ESMP, Sub-Clause 6.7.2 on the health and safety manual and Sub-Clause 4.22.2 on the security management plan, the Contractor, shall commence the execution of the Works as soon as is reasonably practicable after the Commencement Date, and shall then proceed with the Works with due expedition and without delay</p>
8.2 Time for Completion	8.2.1	<p>The Contractor shall complete the whole of the Works, and each Section (if any), within the Time for Completion for the Works or Section (as the case may be), including:</p> <p>(a) achieving the passing of the Tests on Completion, and</p> <p>(b) completing all work which is stated in the Contract as being required for the Works or Section to be considered to be completed for the purposes of taking-over under Sub-Clause 10.1 [Taking Over of the works and sections]</p>
8.3 Programme	8.3.1	<p>The Contractor shall submit a detailed time programme to the Project Manager within 14 working days after receiving the notice under Sub-Clause 8.1 [Commencement of Works]. The Contractor shall also submit a revised programme whenever the previous programme is inconsistent with actual progress or with the Contractor's obligations. Each programme shall include:</p> <p>(a) the order in which the Contractor intends to carry out the Works, including the anticipated timing of each stage of</p>

		<p>design, Contractor's Documents, procurement, manufacture, inspection, delivery to Site, construction, erection, testing, commissioning and trial operation,</p> <p>(b) the periods for reviews under Sub-Clause 5.2 [Contractor's Documents] and for any other submissions, approvals and consents specified in the Employer's Requirements,</p> <p>(c) the sequence and timing of inspections and tests specified in the Contract, and</p> <p>(d) a supporting report which includes:</p> <ul style="list-style-type: none"> i). a general description of the methods which the Contractor intends to adopt, and of the major stages, in the execution of the Works, and ii). details showing the Contractor's reasonable estimate of the number of each class of Contractor's Personnel and of each type of Contractor's Equipment, required on the Site for each major stage.
	8.3.2	<p>Unless the Project Manager, within 14 working days after receiving a programme, gives notice to the Contractor stating the extent to which it does not comply with the Contract, the Contractor shall proceed in accordance with the programme, subject to his other obligations under the Contract. The Employer's Personnel shall be entitled to rely upon the programme when planning their activities.</p>
	8.3.3	<p>The Contractor shall promptly give notice to the Project Manager of specific probable future events or circumstances which may adversely affect the work, increase the Contract Price or delay the execution of the Works. The Project Manager may require the Contractor to submit an estimate of the anticipated effect of the future event or circumstances, and/or a proposal under Sub-Clause 13.3 [Variation Procedure].</p>
	8.3.4	<p>If, at any time, the Project Manager gives notice to the Contractor that a programme fails (to the extent stated) to comply with the Contract or to be consistent with actual progress and the Contractor's stated intentions, the Contractor shall submit a revised programme to the Project Manager in accordance with this Sub-Clause.</p>
8.4 Extension of Time for Completion	8.4.1	<p>The Employer may extend the Intended Completion Date if a Compensation Event occurs or a Variation is issued which makes it impossible for Completion to be achieved by the Intended Completion Date without the Contractor taking steps to accelerate the remaining work.</p>

	8.4.2	<p>The Contractor shall be entitled subject to Sub- Clause 20.1 [Contractor's Claims] to an extension of the Time for Completion if and to the extent that completion for the purposes of Sub-Clause 10.1 [Taking Over of the Works and Section s] is or will be delayed by any of the following causes:</p> <ul style="list-style-type: none"> (a) a Variation (unless an adjustment to the Time for Completion has been agreed under Sub-Clause 13.3 [Variation Procedure]), (b) a cause of delay giving an entitlement to extension of time under a Sub-Clause of these Conditions, (c) exceptionally adverse climatic conditions, Unforeseeable shortages in the availability of personnel or Goods caused by epidemic or governmental actions, or (d) any delay, impediment or prevention caused by or attributable to the Employer, the Employer's Personnel, or the Employer's other contractors on the Site.
	8.4.3	<p>If the Contractor considers himself to be entitled to an extension of the Time for Completion, the Contractor shall give notice to the Project Manager in accordance with Sub-Clause 20.1 [Contractor's Claims]. When determining each extension of time under Sub-Clause 20.1, the Employer shall review previous determinations and may increase, but shall not decrease, the total extension of time.</p>
	8.4.4	<p>The Employer shall, within twenty-one (21) days of receipt of application for extension of the Intended Completion Date by the Contractor, decide whether or not to grant the extension. The application by the Contractor shall be granted only when supported by full information of a compensation event(s) or variation.</p>
	8.4.5	<p>In the event the Contractor has not issued an early warning notice of a delay or has failed to cooperate in dealing with a delay, such a delay or failure may be a ground for not granting the extension of the Intended Completion Date.</p>
8.5 Rate of Progress	8.5.1	<p>If, at any time:</p> <ul style="list-style-type: none"> (a) actual progress is too slow to complete within the Time for Completion, and/or (b) progress has fallen (or will fall) behind the current programme under Sub-Clause 8.3 [Programme], other than as a result of a cause listed in Sub- Clause 8.4 [Extension of Time for Completion], then the Project Manager may, upon written approval of the Employer, instruct the Contractor to submit, under Sub-Clause 8.3 [Programme], a revised programme and supporting report describing the revised methods which the Contractor proposes to adopt in order to expedite progress and complete within the Time for Completion.

	8.5.1	Unless the Project Manager notifies otherwise, the Contractor shall adopt these revised methods, which may require increases in the working hours and/or in the numbers of Contractor's Personnel and/or Goods, at the risk and cost of the Contractor. If these revised methods cause the Employer to incur additional costs, the Contractor shall subject to Sub-Clause 2.5 [Employer's Claims] pay these costs to the Employer, in addition to delay damages (if any) under Sub-Clause 8.6 below.
8.6 Liquidated Damages	8.6.1	The Contractor shall pay liquidated damages to the Employer at the rate per day stated in the SCC for each day that the Completion Date is later than the Intended Completion Date. The total amount of liquidated damages shall not exceed the maximum amount of performance security stated in the SCC . The Employer may deduct liquidated damages from payments due to the Contractor.
	8.6.2	Where the Project Manager, after assessment of work progress, upon satisfaction that the Contractor will not complete the works within the contract period, may issue a notice to the Contractor requiring the payment of liquidated damages.
	8.6.3	If the Intended Completion Date is extended after liquidated damages have been paid, the Project Manager shall correct any overpayment of liquidated damages by the Contractor by adjusting the next payment certificate. The Contractor shall be paid interest on the overpayment, calculated from the date of payment to the date of repayment, at the rates specified in Sub-Clause 14.8 [Delayed Payment]
8.7 Suspension of Work	8.7.1	The Project Manager may at any time instruct the Contractor to suspend progress of part or all of the Works. During such suspension, the Contractor shall protect, store and secure such part or the Works against any deterioration, loss or damage.
	8.7.2	The Project Manager may also notify the cause for the suspension. If and to the extent that the cause is notified and is the responsibility of the Contractor, the following Sub-Clause 8.8, 8.9 and 8.10 shall not apply.
8.8 Consequences of Suspension	8.8.1	If the Contractor suffers delay and/or incurs Cost from complying with the Project Manager's instructions under Sub-Clause 8.7 [Suspension of Work] and/or from resuming the work, the Contractor shall give notice to the Project Manager and shall be entitled subject to Sub-Clause 20.1 [Contractor's Claims] to an extension of time and associated costs (if any) for such delay, if completion is or will be delayed, under Sub-Clause 8.4 [Extension of Time for Completion], and after receiving this notice, the Project Manager shall proceed in accordance with Sub-Clause 3.6 [Determinations] to determine these matters.
	8.8.2	The Contractor shall not be entitled to an extension of time for, or

		to payment of the Cost incurred in, making good the consequences of the Contractor's faulty design, workmanship or materials, or of the Contractor's failure to protect, store or secure in accordance with Sub-Clause 8.7 [Suspension of Work].
8.9 Payment for Plant and Materials in Event of Suspension	8.9.1	The Contractor shall be entitled to payment of the value (as at the date of suspension) of Plant and/or Materials which have not been delivered to Site if: (a) the work on Plant or delivery of Plant and/or Materials has been suspended for more than 28 days, and (b) the Contractor has marked the Plant and/or Materials as the Employer's property in accordance with the Project Manager's instructions.
8.10 Prolonged Suspension	8.10.1	If the suspension under Sub-Clause 8.7 [Suspension of Work] has continued for more than 84 days, the Contractor may request the Project Manager's permission to proceed.
	8.10.2	If the Project Manager does not give permission within 28 days after being requested to do so, the Contractor may, by giving notice to the Project Manager, treat the suspension as an omission under Sub-Clause 13 [Variations and Adjustments] of the affected part of the Works.
	8.10.3	If the suspension affects the whole of the Works, the Contractor may give notice of termination under Sub-Clause 16.2 [Termination by Contractor].
8.11 Resumption of Work	8.11.1	After the permission or instruction to proceed is given, the Contractor and the Project Manager shall jointly examine the Works and the Plant and Materials affected by the suspension. The contractor shall make good any deterioration or defect in or loss of the Works or Plant or Materials, which has occurred during the suspension.

9. Tests on Completion		
9.1 Contractor's Obligations	9.1.1	The Contractor shall carry out the Tests on Completion in accordance with this Clause and Sub-Clause 7.4 [Testing], after providing the documents in accordance with subparagraph (d) of Sub-Clause 4.1 [Contractor's General Obligations].
	9.1.2	The Contractor shall give to the Project Manager not less than 21 days notice of the date after which the Contractor will be ready to carry out each of the Tests on Completion. Unless otherwise agreed, Tests on Completion shall be carried out within 14 working days after this date, on such day or days as the Project Manager may instruct.
	9.1.3	Unless otherwise stated in the SCC , the Tests on Completion shall be carried out in the following sequence: <ul style="list-style-type: none"> (a) pre-commissioning tests, which shall include the appropriate inspections and ("dry" or "cold") functional tests to demonstrate that each item of Plant can safely undertake the next stage; (b) commissioning tests, which shall include the specified operational tests to demonstrate that the Works or Section can be operated safely and as specified, under all available operating conditions; and (c) trial operation, which shall demonstrate that the Works or Section perform reliably and in accordance with the Contract.
	9.1.4	During trial operation, when the Works are operating under stable conditions, the Contractor shall give notice to the Project Manager that the Works are ready for any other Tests on Completion, including performance tests to demonstrate whether the Works conform with criteria specified in the Employer's Requirements and with the Schedule of Guarantees.
	9.1.5	Trial operation shall not constitute a taking-over under Sub-Clause 10 [Employer's Taking Over]. Any product produced by the Works during trial operation shall be the property of the Employer.
	9.1.6	In considering the results of the Tests on Completion, the Project Manager shall make allowances for the effect of any use of the Works by the Employer on the performance or other characteristics of the Works. As soon as the Works, or a Section, have passed any Tests on Completion, the Contractor shall submit a certified report of the results of these Tests to the Project Manager.

9.2 Delayed Tests	9.2.1	If the Tests on Completion are being unduly delayed by the Employer, Sub-Clause 7.4 [Testing] (fifth paragraph) and/or Sub-Clause 10.3 [Delay of Tests on Completion] shall be applicable.
	9.2.2	If the Tests on Completion are being unduly delayed by the Contractor, the Project Manager may by notice require the Contractor to carry out the Tests within 21 days after receiving the notice. The Contractor shall carry out the Tests on such day or days within that period as the Contractor may fix and of which he shall give notice to the Project Manager.
	9.2.3	If the Contractor fails to carry out the Tests on Completion within the period of 21 days, the Employer's Personnel may proceed with the Tests at the risk and cost of the Contractor. The Tests on Completion shall then be deemed to have been carried out in the presence of the Contractor and the results of the Tests shall be accepted as accurate.
9.3 Retesting	9.3.1	If the Works, or a Section, fail to pass the Tests on Completion, Sub-Clause 7.5 [Rejection] shall apply, and the Project Manager or the Contractor may require the failed Tests, and Tests on Completion on any related work, to be repeated under the same terms and conditions.
9.4 Failure to Pass Tests on Completion	9.4.1	<p>If the Works, or a Section, fail to pass the Tests on Completion repeated under Sub-Clause 9.3 [Retesting], the Project Manager may:</p> <p>(a) order further repetition of Tests on Completion under Sub-Clause 9.3;</p> <p>(b) if the failure deprives the Employer of substantially the whole benefit of the Works or Section, reject the Works or Section (as the case may be), in which event the Employer shall have the same remedies as are provided in sub-paragraph (c) of Sub-Clause 11.4 [Failure to Remedy Defects]; or</p> <p>(c) issue a Taking-Over Certificate, if the Employer so requests.</p>
	9.4.2	In the event of sub-paragraph (c), the Contractor shall proceed in accordance with all other obligations under the Contract, and the Contract Price shall be reduced by such amount as shall be appropriate to cover the reduced value to the Employer as a result of this failure.
	9.4.3	<p>Unless the relevant reduction for this failure is stated (or its method of calculation is defined) in the Contract, the Employer may require the reduction to be:</p> <p>(a) agreed by both Parties (in full satisfaction of this failure only) and paid before this Taking-Over Certificate is issued; or</p> <p>(b) determined and paid under Sub-Clause 2.5 [Employer's Claims] and Sub-Clause 3.6 [Determinations].</p>

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10. Employer's Taking Over			
10.1 Taking Over of the Works and Sections	10.1.1	<p>Except as stated in Sub-Clause 9.4 [Failure to Pass Tests on Completion], the Works shall be taken over by the Employer when</p> <p>(a) the Works have been completed in accordance with the Contract, including the matters described in Sub-Clause 8.2 [Time for Completion] and except as allowed in sub-paragraph (a) below, and</p> <p>(b) Taking-Over Certificate for the Works has been issued, or is deemed to have been issued in accordance with this Sub- Clause.</p>	
	10.1.2	<p>The Contractor may apply by notice to the Project Manager for a Taking-Over Certificate not earlier than 14 working days before the Works will, in the Contractor's opinion, be complete and ready for taking over. If the Works are divided into Sections, the Contractor may similarly apply for a Taking- Over Certificate for each Section.</p>	
	10.1.3	<p>The Project Manager shall, within 28 days after receiving the Contractor's application:</p> <p>(a) issue the Taking-Over Certificate to the Contractor, stating the date on which the Works or Section were completed in accordance with the Contract, except for any minor outstanding work and defects which will not substantially affect the use of the Works or Section for their intended purpose (either until or whilst this work is completed and these defects are remedied); or</p> <p>(b)reject the application, giving reasons and specifying the work required to be done by the Contractor to enable the Taking-Over Certificate to be issued. The Contractor shall then complete this work before issuing a further notice under this Sub-Clause.</p>	
	10.1.3	<p>If the Project Manager fails either to issue the Taking-Over Certificate or to reject the Contractor's application within the period of 28 days, and if the Works or Section (as the case may be) are substantially in accordance with the Contract, the Taking-Over Certificate shall be deemed to have been issued on the last day of that period.</p>	
	10.2.1	<p>The Project Manager may, at the sole discretion and written approval of the Employer, issue a Taking-Over Certificate for any part of the Permanent Works.</p>	
10.2 Taking Over of Parts of the Works	10.2.2	<p>The Employer shall not use any part of the Works (other than as a temporary measure which is either specified in the Contract or agreed by both Parties) unless and until the Project Manager has issued a Taking-Over Certificate for this part.</p>	
	10.2.3	<p>However, unless otherwise agreed by the Parties, if the Employer does use any part of the Works before the Taking-Over Certificate is issued:</p> <p>(a) the part which is used shall be deemed to have been taken over as from the date on which it is used,</p>	

		<p>(b) the Contractor shall cease to be liable for the care of such part as from this date, when responsibility shall pass to the Employer, and</p> <p>(c) if requested by the Contractor, the Project Manager shall issue a Taking-Over Certificate for this part.</p>
	10.2.4	<p>After the Project Manager has issued a Taking- Over Certificate for a part of the Works, the Contractor shall be given the earliest opportunity to take such steps as may be necessary to carry out any outstanding Tests on Completion. The Contractor shall carry out these Tests on Completion as soon as practicable before the expiry date of the relevant Defects Liability Period.</p>
	10.2.5	<p>If the Contractor incurs cost as a result of the Employer taking over and/or using a part of the Works, other than such use as is specified in the Contract or agreed by the Contractor, the Contractor shall</p> <p>(a) give notice to the Project Manager and</p> <p>(b) be entitled subject to Sub-Clause 20.1 [Contractor's Claims] to payment of any such Cost plus profit, which shall be included in the Contract Price. After receiving this notice, the Project Manager shall proceed in accordance with Sub-Clause 3.6 [Determinations] to determine the matter.</p>
	10.2.6	<p>If a Taking-Over Certificate has been issued for a part of the Works (other than a Section), the Liquidated damages thereafter for completion of the remainder of the Works shall be reduced. Similarly, the Liquidated damages for the remainder of the Section (if any) in which this part is included shall also be reduced. For any period of delay after the date stated in this Taking-Over Certificate, the proportional reduction in these delay damages shall be calculated as the proportion which the value of the part so certified bears to the value of the Works or Section (as the case may be) as a whole.</p>
	10.2.7	<p>The Project Manager shall proceed in accordance with Sub-Clause 3.6 [Determinations] to agree or determine these proportions. The provisions of this paragraph shall only apply to the daily rate of Liquidated damages under Sub-Clause 8.6 [Liquidated Damages], and shall not affect the maximum amount of these damages.</p>
10.3 Delay of Tests on Completion	10.3.1	<p>If the Contractor is prevented, for more than 14 days, from carrying out the Tests on Completion by a cause for which the Employer is responsible and the suffers a delay, the Contractor shall give notice to the Project Manager and</p>

		may be entitled subject to Sub-Clause 20.1 [Contractor's Claims], to an extension of time and any associated costs (if any) for such delay, if completion is or will be delayed, under Sub-Clause 8.4 [Extension of Time for Completion], and after receiving this notice, the Project Manager shall proceed in accordance with Sub-Clause 3.6 [Determinations] to determine these matters.
10.4 Surfaces Requiring Reinstatement	10.4.1	Except as otherwise stated in a Taking-Over Certificate, a certificate for a Section or part of the Works shall not be deemed to certify completion of any ground or other surfaces requiring reinstatement.

11. Defects Liability		
11.1 Completion of Outstanding Work and Remedying Defects	11.1.1	<p>In order that the Works and Contractor's Documents, and each Section, shall be in the condition required by the Contract (fair wear and tear excepted) by the expiry date of the relevant Defects Notification Period or as soon as practicable thereafter, the Contractor shall:</p> <p>(a) complete any work which is outstanding on the date stated in a Taking-Over Certificate, within such reasonable time as is instructed by the Project Manager, and</p> <p>(b) execute all work required to remedy defects or damage, as may be notified by (or on behalf of) the Employer on or before the expiry date of the Defects Notification Period for the Works or Section (as the case may be).</p>
	11.1.2	<p>If a defect appears or damage occurs, the Contractor shall be notified accordingly, by (or on behalf of) the Employer.</p>
11.2 Cost of Remedying Defects	11.2.1	<p>All work referred to in sub-paragraph (b) of Sub-Clause 11.1 [Completion of Outstanding Work and Remedying Defects] shall be executed at the risk and cost of the Contractor, if and to the extent that the work is attributable to:</p> <p>(a) any design for which the Contractor is responsible,</p> <p>(b) Plant, Materials or workmanship not being in accordance with the Contract, or</p> <p>(c) failure by the Contractor to comply with any other obligation.</p>
	11.2.2	<p>If and to the extent that such work is attributable to any other cause, the Contractor shall be notified promptly by (or on behalf of) the Employer and Sub-Clause 13.3 [Variation Procedure] shall apply.</p>
11.3 Extension of Defects Notification Period	11.3.1	<p>The Employer shall be entitled subject to Sub-Clause 2.5 [Employer's Claims] to an extension of the Defects Notification Period for the Works or a Section if and to the extent that the Works, Section or a major item of Plant (as the case may be, and after taking over) cannot be used for the purposes for which they are intended by reason of a defect or by reason of a damage attributable to the Contractor. However, that extension shall not exceed two years.</p>
	11.3.2	<p>If delivery and/or erection of Plant and/or Materials was suspended under Sub-Clause 8.7 [Suspension of Work] or Sub-Clause 16.1 [Contractor's Entitlement to Suspend Work], the Contractor's obligations under this Clause shall not apply to any defects or damage occurring more than two years after the Defects Notification Period for the Plant and/or Materials would otherwise have expired.</p>

11.4 Failure to Remedy Defects	11.4.1	If the Contractor fails to remedy any defect or damage within a reasonable time, a date may be fixed by (or on behalf of) the Employer, on or by which the defect or damage is to be remedied. The Contractor shall be given reasonable notice of this date.
	11.4.2	<p>If the Contractor fails to remedy the defect or damage by this notified date and this remedial work was to be executed at the cost of the Contractor under Sub-Clause 11.2 [Cost of Remedying Defects], the Employer may (at his option):</p> <p>(a) carry out the work himself or by others, in a reasonable manner and at the Contractor's cost, but the Contractor shall have no responsibility for this work; and the Contractor shall subject to Sub-Clause 2.5 [Employer's Claims] pay to the Employer the costs reasonably incurred by the Employer in remedying the defect or damage;</p> <p>(b) require the Project Manager to determine a reasonable reduction in the Contract Price in accordance with Sub-Clause 3.6 [Determinations]; or</p> <p>(c) if the defect or damage deprives the Employer of substantially the whole benefit of the Works or any major part of the Works, terminate the Contract as a whole, or in respect of such major part which cannot be put to the intended use. Without prejudice to any other rights, under the Contract or otherwise, the Employer shall then be entitled to recover all sums paid for the Works or for such part (as the case may be), plus financing costs and the cost of dismantling the same, clearing the Site and returning Plant and Materials to the Contractor.</p>
11.5 Removal of Defective Work	11.5.1	If the defect or damage cannot be remedied expeditiously on the Site and the Employer gives written consent, the Contractor may remove from the Site for the purposes of repair such items of Plant as are defective or damaged. This consent may require the Contractor to increase the amount of the Performance Security by the full replacement cost of these items, or to provide other appropriate security.
11.6 Further Tests	11.6.1	If the work of remedying of any defect or damage may affect the performance of the Works, the Project Manager may require the repetition of any of the tests described in the Contract. The requirement shall be made by notice within 14 working days after the defect or damage is remedied.
	11.6.2	These tests shall be carried out in accordance with the terms applicable to the previous tests, except that they shall be carried out at the risk and cost of the Party

		liable, under Sub-Clause 11.2 [Cost of Remedying Defects], for the cost of the remedial work.
11.7 Right of Access	11.7.1	Until the Performance Certificate has been issued, the Contractor shall have the right of access to all parts of the Works and to records of the operation and performance of the Works, except as may be inconsistent with the Employer's security restrictions.
11.8 Contractor to Search	11.8.1	The Contractor shall, if required by the Project Manager, search for the cause of any defect, under the direction of the Project Manager. Unless the defect is to be remedied at the cost of the Contractor under Sub-Clause 11.2 [Cost of Remedying Defects], the Cost of the search plus profit shall be agreed or determined by the Project Manager in accordance with Sub-Clause 3.6 [Determinations] and shall be included in the Contract Price.
11.9 Performance Certificate	11.9.1	Performance of the Contractor's obligations shall not be considered to have been completed until the Project Manager has issued the Performance Certificate to the Contractor, stating the date on which the Contractor completed his obligations under the Contract.
	11.9.2	The Project Manager shall issue the Performance Certificate within 28 days after the latest of the expiry dates of the Defects Notification Period, or as soon thereafter as the Contractor has supplied all the Contractor's Documents and completed and tested all the Works, including remedying any defects. A copy of the Performance Certificate shall be issued to the Employer.
	11.9.3	Only the Performance Certificate shall be deemed to constitute acceptance of the Works.
11.10 Unfulfilled Obligations	11.10.1	After the Performance Certificate has been issued, each Party shall remain liable for the fulfilment of any obligation which remains unperformed at that time. For the purposes of determining the nature and extent of unperformed obligations, the Contract shall be deemed to remain in force.
11.11 Clearance of Site	11.11.1	Upon receiving the Performance Certificate, the Contractor shall remove any remaining Contractor's Equipment, surplus material, wreckage, rubbish and Temporary Works from the Site.
	11.11.2	If all these items have not been removed within 28 days after receipt by the Contractor of the Performance Certificate, the Employer may sell or otherwise dispose of any remaining items. The Employer shall be entitled to be paid the costs incurred in connection with, or attributable to, such sale or disposal and restoring the Site.
	11.11.3	Any balance of the moneys from the sale shall be paid to the Contractor. If these moneys are less than the

		Employer's costs, the Contractor shall pay the outstanding balance to the Employer.
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12. Tests after Completion		
12.1 Procedure for Tests after Completion	12.1.1	If Tests after Completion are specified in the SCC , this Clause shall apply. Unless otherwise stated in the SCC , the Employer shall: (a) provide all electricity, equipment, fuel, instruments, labour, materials, and suitably qualified and experienced staff, as are necessary to carry out the Tests after Completion efficiently, and (b) carry out the Tests after Completion in accordance with the manuals supplied by the Contractor under Sub-Clause 5.7 [Operation and Maintenance Manuals] and such guidance as the Contractor may be required to give during the course of these Tests; and in the presence of such Contractor's Personnel as either Party may reasonably request.
	12.1.2	The Tests after Completion shall be carried out as soon as is reasonably practicable after the Works or Section have been taken over by the Employer. The Employer shall give to the Contractor 21 days' notice of the date after which the Tests after Completion will be carried out. Unless otherwise agreed, these Tests shall be carried out within 14 working days after this date, on the day or days determined by the Employer.
	12.1.3	If the Contractor does not attend at the time and place agreed, the Employer may proceed with the Tests after Completion, which shall be deemed to have been made in the Contractor's presence, and the Contractor shall accept the readings as accurate.
	12.1.4	The results of the Tests after Completion shall be compiled and evaluated by both Parties. Appropriate account shall be taken of the effect of the Employer's prior use of the Works.
12.2 Delayed Test	12.2.1	If the Contractor incurs Cost as a result of any unreasonable delay by the Employer to the Tests after Completion, the Contractor shall (a) give notice to the Project Manager; and (b) be entitled subject to Sub-Clause 20.1 [Contractor's Claims] to payment of any such Cost plus reasonable profit, which shall be included in the Contract Price.
	12.2.2	After receiving this notice, the Project Manager shall proceed in accordance with Sub-Clause 3.6 [Determinations] to determine this Cost and profit.
	12.2.3	If, for reasons not attributable to the Contractor, a Tests after Completion on the Works or any Section cannot be completed during the Defects Notification Period (or any other period agreed upon by both Parties), then the Parties to agree on the final date of completing the test.
12.3 Retesting	12.3.1	If the Works, or a Section, fail to pass the Tests after Completion: (a) sub-paragraph (b) of Sub-Clause 11.1 [Completion of Outstanding Work and Remedying Defects] shall apply; and (b) either Party may then require the failed Tests, and the Tests after Completion on any related work, to be repeated under the same terms and conditions.
	12.3.2	If and to the extent that this failure and retesting are attributable to any

		of the matters listed in sub- paragraphs (a) to (d) of Sub-Clause 11.2 [Cost of Remedying Defects] and cause the Employer to incur additional costs, the Contractor shall subject to Sub-Clause 2.5 [Employer's Claims] pay these costs to the Employer.
12.4 Failure to Pass Tests after Completion	12.4.1	<p>If the following conditions apply, namely:</p> <p>(a) the Works, or a Section, fail to pass any or all of the Tests after Completion,</p> <p>(b) the relevant sum payable as non- performance damages for this failure is stated (or its method of calculation is defined) in the Contract, and</p> <p>(c) the Contractor pays this relevant sum to the Employer during the Defects Notification Period, then the Works or Section shall be deemed to have passed these Tests after Completion.</p>
	12.4.2	<p>If the Works, or a Section, fail to pass a Test after Completion and the Contractor proposes to make adjustments or modifications to the Works or such Section, the Contractor may be instructed by (or on behalf of) the Employer that right of access to the Works or Section cannot be given until a time that is convenient to the Employer. The Contractor shall then remain liable to carry out the adjustments or modifications and to satisfy this Test, within a reasonable period of receiving notice by (or on behalf of) the Employer of the time that is convenient to the Employer. However, if the Contractor does not receive this notice during the relevant Defects Notification Period, the Contractor shall be relieved of this obligation.</p>
	12.4.3	<p>If the Contractor incurs additional Cost as a result of any unreasonable delay by the Employer in permitting access to the Works or Plant by the Contractor, either to investigate the causes of a failure to pass a Tests after Completion or to carry out any adjustments or modifications, the Contractor may:</p> <p>(a) give notice to the Project Manager; and</p> <p>(b) be entitled subject to Sub-Clause 20.1 [Contractor's Claims] to payment of any such Cost plus reasonable profit, which shall be included in the Contract Price.</p>
	12.4.4	<p>After receiving this notice, the Project Manager shall proceed in accordance with Sub-Clause 3.6 [Determinations] to determine the matter.</p>

13. Variations and Adjustments		
13.1 Right to Vary	13.1.1	Variations may be initiated by the Project Manager at any time prior to issuing the Taking-Over Certificate for the Works, either by an instruction or by a request for the Contractor to submit a proposal.
	13.1.2	The Contractor shall execute and be bound by each Variation, unless the Contractor promptly gives notice to the Project Manager stating (with supporting particulars) that (i) the Contractor cannot readily obtain the Goods required for the Variation, or (ii) such Variation triggers a substantial change in the sequence or progress of the Works. Upon receiving this notice, the Project Manager shall cancel, confirm or vary the instruction.
	13.1.3	Variation may be in the form of: (a) changes to the quantities of any item of work included in the Contract; (b) changes to the quality and other characteristics of any item of work; (c) changes to the levels, positions and/or dimensions of any part of the Works; (d) omission of any Work unless it is to be carried out by others; (e) any additional Work, Plant, Materials or services necessary for the Permanent Works, including any associated Tests on Completion, boreholes and other testing and exploratory work; or (f) changes to the sequence or timing of the execution of the Works.
	13.1.4	The Contractor shall not make any alteration and/or modification of the Permanent Works, unless and until the Project Manager, with prior written approval of the Employer, instructs a Variation.
13.2 Value Engineering	13.2.1	The Contractor may, at any time, submit to the Project Manager a written proposal which (in the Contractor's opinion) will, if adopted, (i) accelerate completion, (ii) reduce the cost to the Employer of executing, maintaining or operating the Works, (iii) improve the efficiency or value to the Employer of the completed Works, or (iv) otherwise be of benefit to the Employer.
	13.2.2	The proposal shall be prepared at the cost of the Contractor and shall include the items listed in Sub-Clause 13.3 [Variation Procedure].

	13.2.3	<p>If a proposal, which is approved by the Project Manager, includes a change in the design of part of the Permanent Works, then unless otherwise agreed by both Parties:</p> <p>(a) the Contractor shall design this part,</p> <p>(b) sub-paragraphs (a) to (d) of Sub-Clause 4.1 [Contractor's General Obligations] shall apply, and</p> <p>(c) if this change results in a reduction in the contract value of this part, the Project Manager shall upon Employer's approval proceed in accordance with Sub-Clause 3.6 [Determinations] to determine a fee, which shall be included in the Contract Price. This fee shall be half (50%) of the difference between the following amounts:</p> <p>(i) such reduction in contract value, resulting from the change, excluding adjustments under Sub-Clause 13.7 [Adjustments for Changes in Legislation] and Sub-Clause 13.8 [Adjustments for Changes in Cost], and</p> <p>(ii) the reduction (if any) in the value to the Employer of the varied works, taking account of any reductions in quality, anticipated life or operational efficiencies.</p> <p>However, if amount (i) is less than amount (ii), there shall not be a fee.</p>
13.3 Variation Procedure	13.3.1	<p>If the Project Manager requests a proposal, prior to instructing a Variation, the Contractor shall respond in writing as soon as practicable, either by giving reasons why he cannot comply (if this is the case) or by submitting:</p>
		<p>(a) a description of the varied work performed or to be performed, including details of the resources and methods adopted or to be adopted by the Contractor, and sufficient ES information to enable an evaluation of ES risks and impacts;</p>
		<p>(b) the Contractor's proposal for any necessary modifications to the programme according to Sub-Clause 8.3 [Programme] and to the Time for Completion, and</p>
		<p>(c) the Contractor's proposal for evaluation of the Variation.</p>
	13.3.2	<p>The Project Manager shall, as soon as practicable after receiving such proposal (under Sub-Clause 13.2 [Value Engineering] or otherwise), respond with approval, disapproval or comments. The Contractor shall not delay any work whilst awaiting a response.</p>

	13.3.3	Each instruction to execute a Variation, with any requirements for the recording of Costs, shall be issued by the Project Manager to the Contractor, who shall acknowledge receipt.
	13.3.4	Upon instructing or approving a Variation, the Project Manager shall proceed in accordance with Sub-Clause 3.6 [Determinations] to agree or determine adjustments to the Contract Price and the Schedule of Payments. These adjustments shall include reasonable profit, and shall take account of the Contractor's submissions under Sub-Clause 13.2 [Value Engineering] if applicable.
13.4 Payment in Applicable Currencies	13.4.1	If the Contract provides for payment of the Contract Price in more than one currency, then whenever an adjustment is agreed, approved or determined as stated above, the amount payable in each of the applicable currencies shall be specified. For this purpose, reference shall be made to the actual or expected currency proportions of the Cost of the varied work, and to the proportions of various currencies specified for payment of the Contract Price.
13.5 Provisional Sums	13.5.1	Each Provisional Sum shall only be used, in whole or in part, in accordance with the Project Manager's instructions and the Contract Price shall be adjusted accordingly.
	13.5.2	<p>The total sum paid to the Contractor shall include only such amounts, for the work, supplies or services to which the Provisional Sum relates, as the Project Manager shall have instructed. For each Provisional Sum, the Project Manager may instruct:</p> <ul style="list-style-type: none"> (a) work to be executed (including Plant, Materials or services to be supplied) by the Contractor and valued under Sub-Clause 13.3 [Variation Procedure]; and/or (b) Plant, Materials or services to be purchased by the Contractor, for which there shall be included in the Contract Price: <ul style="list-style-type: none"> (i) the actual amounts paid (or due to be paid) by the Contractor, and (ii) a sum for overhead charges and profit, calculated as a percentage of these actual amounts by applying the relevant percentage rate (if any) stated in the appropriate Schedule. If there is no such rate, the percentage rate stated in the Appendix to Tender shall be applied.

	13.5.3	The Contractor shall, when required by the Project Manager, produce quotations, invoices, vouchers and accounts or receipts in substantiation.
	13.5.4	The Provisional Sum shall be used to cover the Employer's share of the DAAB members' fees and expenses, in accordance with Clause 21. No prior instruction of the Project Manager shall be required with respect to the work of the DARB. The Contractor shall submit the DARB members' invoices and satisfactory evidence of having paid 100% of such invoices as part of the substantiation of those Statements submitted under Sub-Clause 14.3
13.6 Daywork	13.6.1	For work of a minor or incidental nature, the Project Manager may instruct that such work be executed on a daywork basis. The work shall then be valued in accordance with the Daywork Schedule included in the Contract, and the following procedure shall apply. If a Daywork Schedule is not included in the Contract; this Sub-Clause shall not apply.
	13.6.2	Before ordering Goods for the work, the Contractor shall submit quotations to the Project Manager. When applying for payment, the Contractor shall submit invoices, vouchers and accounts or receipts for any Goods.
	13.6.3	Except for any items for which the Daywork Schedule specifies that payment is not due, the Contractor shall deliver each day to the Project Manager accurate statements in duplicate which shall include the following details of the resources used in executing the previous day's work: (a) the names, occupations and time of Contractor's Personnel, (b) the identification, type and time of Contractor's Equipment and Temporary Works, and (c) the quantities and types of Plant and Materials used.
	13.6.4	One copy of each statement will, if correct, or when agreed, be signed by the Project Manager and returned to the Contractor. The Contractor shall then submit priced statements of these resources to the Project Manager, prior to their inclusion in the next Statement under Sub-Clause 14.3 [Application for Interim Payment Certificates].
13.7 Adjustments for Changes in Legislation	13.7.1	The Contract Price shall be adjusted to take account of any increase or decrease in Cost resulting from a change in the Laws of Tanzania (including the introduction of new Laws and the repeal or modification of existing Laws) or in the judicial or official governmental interpretation of such Laws, made after the Base Date, which affect the Contractor in the performance of obligations under the Contract.

	13.7.2	If the Contractor suffers (or will suffer) delay and/or incurs (or will incur) additional Cost as a result of these changes in the Laws or in such interpretations, made after the Base Date, the Contractor shall give notice to the Project Manager and shall be entitled subject to Sub-Clause 20.1 [Contractor's Claims] to an extension of time and associated costs (if any) for such delay, if completion is or will be delayed, under Sub-Clause 8.4 [Extension of Time for Completion], and after receiving this notice, the Project Manager shall proceed in accordance with Sub-Clause 3.6 [Determinations] to determine these matters.
	13.7.3	Notwithstanding the foregoing, the Contractor shall not be entitled to such an extension of time if the same shall already have been taken into account in determining an extension and such Cost shall not be separately paid if the same shall already have been taken into account in the indexing of any inputs to the table of adjustment data in accordance with the provisions of Sub-Clause 13.8.
13.8 Adjustments for Changes in Cost	13.8.1	In this Sub-Clause , "table of adjustment data" means the completed table of adjustment data for local and foreign currencies included in the Schedules. If there is no such table of adjustment data, this Sub-Clause shall not apply.
	13.8.2	If this Sub-Clause applies, the amounts payable to the Contractor shall be adjusted for rises or falls in the cost of labour, Goods and other inputs to the Works, by the addition or deduction of the amounts determined by the formulae prescribed in this Sub-Clause . To the extent that full compensation for any rise or fall in Costs is not covered by the provisions of this or other Clauses, the Accepted Contract Amount shall be deemed to have included amounts to cover the contingency of other rises and falls in costs.
	13.8.	<p>The adjustment to be applied to the amount otherwise payable to the Contractor, as valued in accordance with the appropriate Schedule and certified in Payment Certificates, shall be determined from formulae for each of the currencies in which the Contract Price is payable. No adjustment is to be applied to work valued on the basis of Cost or current prices. The formulae shall be of the following general type:</p> $P_n = a + b(L_n/L_o) + c(M_n/M_o) + \dots$ <p>where:</p> <p>"P_n" is the adjustment multiplier to be applied to the estimated contract value in the relevant currency of the work carried out in period "n", this period being a month unless otherwise stated in the SCC ;</p> <p>"a" is a fixed coefficient, stated in the relevant table of adjustment data, representing the non-adjustable portion in contractual payments;</p> <p>"b", "c", "d", ... are coefficients representing the estimated</p>

		<p>proportion of each cost element related to the execution of the Works, as stated in the relevant table of adjustment data; such tabulated cost elements may be indicative of resources such as labour, equipment and materials;</p> <p>“Ln”, “En”, “Mn”, ... are the current cost indices or reference prices for period “n”, expressed in the relevant currency of payment, each of which is applicable to the relevant tabulated cost element on the date 30 days prior to the last day of the period (to which the particular Payment Certificate relates); and</p> <p>“Lo”, “Eo”, “Mo”, ... are the base cost indices or reference prices, expressed in the relevant currency of payment, each of which is applicable to the relevant tabulated cost element on the BaseDate.</p> <p>If the currency in which the Contract Price P0 is expressed is different from the currency of origin of the indices, a correction factor will be applied to avoid incorrect adjustments of the Contract Price.</p> <p>The correction factor shall be: $Z0/Zn$, where:</p> <p>$Z0$ = the number of units of currency of the origin of the indices which equal to one unit of the currency of the Contract Price on the Base date, and</p>
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14. Contract Price and Payment		
14.1 The Contract Price	14.1.1	<p>Unless otherwise stated in the SCC:</p> <p>(a) the Contract Price shall be the lumpsum accepted contract amount and subject to adjustments in accordance with the Contract;</p> <p>(b) the Contractor shall pay all taxes, duties and fees required to be paid by him under the Contract, and the Contract Price shall not be adjusted for any of these costs except as stated in Sub-Clause 13.7 [Adjustments for Changes in Legislation];</p> <p>(c) any quantities which may be set out in the Bill of Quantities or other Schedule are estimated quantities and are not to be taken as the actual and correct quantities:</p> <p>(i) of the Works which the Contractor is required to execute, or</p> <p>(ii) for the purposes of valuation of the works; and the Contractor shall submit to the Project Manager, within 28 days after the Commencement Date, a proposed breakdown of each lump sum price in the Schedules. The Project Manager may take account of the breakdown when preparing Payment Certificates, but shall not be bound by it.</p>
14.2 Advance Payment	14.2.1	<p>If stated in the SCC the Employer shall make advance payment to the Contractor of the amounts stated in the SCC by the manner stated in the SCC, against provision by the Contractor of an Unconditional Bank Guarantee in a form and by a bank acceptable to the Employer in amounts and currencies equal to the advance payment. The Guarantee shall remain effective until the advance payment has been repaid, but the amount of the Guarantee shall be progressively reduced by the amounts repaid by the Contractor. Interest will not be charged on the advance payment.</p>
	14.2.2	<p>The Contractor shall use the advance payment to pay for mobilization and design expenses required specifically for design and execution of the Contract. The Contractor shall demonstrate that advance payment has been used in this way by supplying copies of invoices or other documents to the Project Manager.</p>
	14.2.3	<p>Unless and until the Employer receives this guarantee, or if the total advance payment is not stated in the SCC, this Sub-Clause shall not apply.</p>
	14.2.4	<p>The Project Manager shall deliver to the Employer and to the Contractor an Interim Payment Certificate for the advance payment or its first instalment after receiving a Statement (under Sub-Clause 14.3 [Application for Interim Payment Certificates]) and after the Employer receives</p> <p>(a) the Performance Security in accordance with Sub-Clause 4.2 [Performance Security]; and</p> <p>(b) a guarantee in amounts and currencies equal to the advance payment. This guarantee shall be issued by an entity and from within a country (or other jurisdiction) approved by the Employer, and shall be in the form annexed to the SCC or in another form approved by the Employer.</p>
	14.2.5	<p>The Contractor shall ensure that the guarantee is valid and enforceable until the advance payment has been repaid, but its amount shall be progressively reduced by the amount repaid by the Contractor as indicated in the Payment Certificates. If the terms of the guarantee specify its expiry date, and the advance payment has not been repaid by the date 28 days prior to the expiry date, the Contractor shall extend the validity of the guarantee until the advance payment has been repaid.</p>
	14.2.6	<p>Unless otherwise stated in the SCC, the advance payment shall be repaid through percentage deductions from the interim payments determined by the Project Manager in accordance with Sub-Clause 14.6 [Issue of Interim Payment Certificates], as follows:.</p>

		(a) deductions shall commence in the next interim Payment Certificate following that in which the total of all certified interim payments (excluding the advance payment and deductions and repayments of retention)
		exceeds 30 percent of the Accepted Contract Amount less Provisional Sums; and (b) deductions shall be made at the amortisation rate stated in the SCC of the amount of each Interim Payment Certificate (excluding the advance payment and deductions for its repayments as well as deductions for retention money) in the currencies and proportions of the advance payment until such time as the advance payment has been repaid; provided that the advance payment shall be completely repaid prior to the time when eighty per cent (80%) of the Accepted Contract Amount less Provisional Sums has been certified for payment.
	14.2.7	If the advance payment has not been repaid prior to the issue of the Taking-Over Certificate for the Works or prior to termination under Sub-Clause 15 [Termination by Employer], Sub-Clause 16 [Suspension and Termination by Contractor] or Sub-Clause 19 [Force Majeure] (as the case may be), the whole of the balance then outstanding shall immediately become due and in case of termination under Sub-Clause 15 [Termination by Employer] and Sub-Clause 19.6 [Optional Termination, Payment and Release], payable by the Contractor to the Employer.
14.3 Application for Interim Payment Certificates	14.3.1	The Contractor shall submit a Statement in six copies to the Project Manager after the end of each month, in a form approved by the Project Manager, showing in detail the amounts to which the Contractor considers himself to be entitled, together with supporting documents which shall include the report on the progress during this month in accordance with Sub-Clause 4.21 [Progress Reports].
	14.3.2	The Statement shall include the following items, as applicable, which shall be expressed in the various currencies in which the Contract Price is payable, in the sequence listed: (a) the estimated contract value of the Works executed and the Contractor's Documents produced up to the end of the month (including Variations but excluding items described in sub-paragraphs (b) to (g) below); (b) any amounts to be added and deducted for changes in legislation and changes in cost, in accordance with Sub-Clause 13.7 [Adjustments for Changes in Legislation] and Sub-Clause 13.8 [Adjustments for Changes in Cost]; (c) any amount to be deducted for retention, calculated by applying the percentage of retention stated in the SCC to the total of the above amounts, until the amount so retained by the Employer reaches the limit of Retention Money (if any) stated in the SCC ; (d) any amounts to be added for the advance payment and (if more than one instalment) and to be deducted for its repayments in accordance with Sub-Clause 14.2 [Advance Payment]; (e) any amounts to be added and deducted for Plant and Materials in accordance with Sub-Clause 14.5 [Plant and Materials intended for the Works]; (f) any other additions or deductions which may have become due under the Contract or otherwise, including those under Sub-Clause 20 [Claims, Disputes and Arbitration]; and (g) the deduction of amounts certified in all previous Payment Certificates.
14.4 Schedule of Payments	14.4.1	If the Contract includes a schedule of payments specifying the instalments in which the Contract Price will be paid, then unless otherwise stated in this schedule: (a) the instalments quoted in this schedule of payments shall be the estimated contract values for the purposes of sub-paragraph (a) of Sub-Clause 14.3 [Application for Interim Payment Certificates]; (b) Sub-Clause 14.5 [Plant and Materials intended for the Works] shall not apply; and (c) if these instalments are not defined by reference to the actual progress achieved in executing the Works, and if actual progress is found to be less or more than that on which this schedule of payments was based, then the Project Manager may proceed in accordance with Sub-Clause 3.6 [Determinations] to agree or determine revised instalments, which shall take account of the extent to which progress is less than that on which the instalments were previously based.

	14.4.2	If the Contract does not include a schedule of payments, the Contractor shall submit non-binding estimates of the payments which he expects to become due during each quarterly period. The first estimate shall be submitted within 42 days after the Commencement Date. Revised estimates shall be submitted at quarterly intervals, until the Taking-Over Certificate has been issued for the Works.
	14.4.3	"If the Schedule of Payments specifies payments to be made to the Contractor based on Milestones, payments shall be made upon completion of such Milestones."
14.5 Plant and Materials intended for the Works	14.5.1	<p>If this Sub-Clause applies, Interim Payment Certificates shall include, under sub-paragraph (e) of Sub-Clause 14.3,</p> <p>(a) an amount for Plant and Materials which have been sent to the Site for incorporation in the Permanent Works, and</p> <p>(b) a reduction when the contract value of such Plant and Materials is included as part of the Permanent Works under sub-paragraph (a) of Sub-Clause 14.3 [Application for Interim Payment Certificates].</p> <p>If the lists referred to in sub-paragraphs (b) (i) or (c) (i) below are not included in the SCC, this Sub-Clause shall not apply.</p>
	14.5.2	<p>The Project Manager shall determine and certify each addition if the following conditions are satisfied:</p> <p>(a) the Contractor has:</p> <p>(i) kept satisfactory records (including the orders, receipts, Costs and use of Plant and Materials) which are available for inspection, and</p> <p>(ii) submitted a statement of the Cost of acquiring and delivering the Plant and Materials to the Site, supported by satisfactory evidence; and either:</p> <p>(b) the relevant Plant and Materials:</p> <p>(i) are those listed in the Schedules for payment when shipped,</p> <p>(ii) have been shipped to the Country, en route to the Site, in accordance with the Contract; and</p>
		<p>(iii) are described in a clean shipped bill of lading or other evidence of shipment, which has been submitted to the Project Manager together with evidence of payment of freight and insurance, any other documents reasonably required, and a bank guarantee in a form and issued by an entity approved by the Employer in amounts and currencies equal to the amount due under this Sub-Clause: this guarantee may be in a similar form to the form referred to in Sub-Clause 14.2 [Advance Payment] and shall be valid until the Plant and Materials are properly</p>

		<p>stored on Site and protected against loss, damage or deterioration.</p> <p>or</p> <p>(c) the relevant Plant and Materials:</p> <p>(i) are those listed in the Schedules for payment when delivered to the Site, and</p> <p>(ii) have been delivered to and are properly stored on the Site, are protected against loss, damage or deterioration, and appear to be in accordance with the Contract.</p>
	14.5.3	The additional amount to be certified shall be the equivalent of eighty percent of the Project Manager's determination of the cost of the Plant and Materials (including delivery to Site), taking account of the documents mentioned in this Sub-Clause and of the contract value of the Plant and Materials.
	14.5.4	The currencies for this additional amount shall be the same as those in which payment will become due when the contract value is included under sub-paragraph (a) of Sub-Clause 14.3 [Application for Interim Payment Certificates]. At that time, the Payment Certificate shall include the applicable reduction which shall be equivalent to, and in the same currencies and proportions as, this additional amount for the relevant Plant and Materials.
14.6 Issue of Interim Payment Certificates	14.6.1	No amount will be certified or paid until the Employer has received and approved the Performance Security. Thereafter, the Project Manager shall, within 28 days after receiving a Statement and supporting documents, deliver to the Employer and to the Contractor an Interim Payment Certificate which shall state the amount which the Project Manager fairly determines to be due, with all supporting particulars for any reduction or withholding made by the Project Manager on the Statement.
	14.6.2	However, prior to issuing the Taking-Over Certificate for the Works, the Project Manager shall not be bound to issue an Interim Payment Certificate in an amount which would (after retention and other deductions) be less than the minimum amount of Interim Payment Certificates (if any) pursuant to Sub-Clause 14.3 . In this event, the Project Manager shall give notice to the contractor accordingly.
	14.6.3	<p>An Interim Payment Certificate shall not be withheld for any other reason, although:</p> <p>(a) if anything supplied or work done by the Contractor is not in accordance with the Contract, the cost of rectification or replacement may be withheld until rectification or replacement has been completed; and/or</p> <p>(b) if the Contractor was or is failing to perform any work or obligation in accordance with the Contract, and had been so notified by the Project Manager, the value of this work or obligation may be withheld until the work or obligation has been performed.</p> <p>(c) if the Contractor was, or is, failing to perform any ES obligations or work under the Contract, the value of this work or obligation, as determined by the Project Manager, may be withheld until the work or obligation has been performed, and/or the cost of rectification or replacement, as determined by the Project Manager, may be withheld until rectification or replacement has been completed. Failure to perform includes, but is not limited to the following:</p> <p>(i) failure to comply with any ES obligations or work described in the Works'</p>

		<p>Requirements which may include: working outside site boundaries, excessive dust, damage to offsite vegetation, pollution of water courses from oils or sedimentation, contamination of land e.g. from oils, human waste, damage to archaeology or cultural heritage features, air pollution as a result of unauthorized and/or inefficient combustion;</p> <p>(ii) failure to regularly review C- ESMP and/or update it in a timely manner to address emerging ES issues, or anticipated risks or impacts;</p> <p>(iii) failure to implement the C- ESMP e.g. failure to provide required training or sensitization;</p> <p>(iv) failing to have appropriate consents/permits prior to undertaking Works or related activities;</p> <p>(v) failure to submit ES report/s, or failure to submit such reports in a timely manner;</p> <p>(d) failure to implement remediation as instructed by the Project Manager within the specified timeframe (e.g. remediation addressing non-compliance/s)."</p>
	14.6.4	The Project Manager may in any Payment Certificate make any correction or modification that should properly be made to any previous Payment Certificate. A Payment Certificate shall not be deemed to indicate the Project Manager's acceptance, approval, consent or satisfaction.
14.7 Payment and Currency	14.7.1	<p>The Employer shall pay to the Contractor:</p> <p>(a) the amount certified in each Interim Payment Certificate within 56 days after the Project Manager receives the Statement and supporting documents or, at a time when the funds or credit (from which part of the payments to the Contractor is being made) is suspended, the amount shown on any statement submitted by the Contractor, within 14 days after such statement is submitted. Any discrepancy shall be rectified in the next payment to the Contractor; and</p> <p>(b) the amount certified in the Final Payment Certificate within 56 days after the Employer receives this Payment Certificate or, at a time when the Government's fund (from which part of the payments to the Contractor is being made) is suspended, the undisputed amount shown in the Final Statement, within 56 days after the date of notification of the suspension in accordance with Sub-Clause 16.2.</p>
	14.7.2	Payment of the amount due in each currency shall be made into the bank account, nominated by the Contractor, in the payment country (for this currency) specified in the Contract.
	14.7.3	The currency of payment shall be stated in the SCC . Where payments are to be made in currencies other than the Tanzania Shillings, the exchange rates to be used for calculating such amounts shall be the Bank of Tanzania exchange rate prevailing on the date of signing the Contract.
14.8 Delayed Payment	14.8.1	If the Employer makes a late payment the Contractor shall be paid interest on the late payment in the next payment. Interest shall be calculated from the date by which the payment should have been made up to the date when the late payment is made at the prevailing rate of interest issued by the Bank of Tanzania on the date of signing the

		Contract for each of the currencies in which payments are made.
14.9 Payment of Retention Money	14.9.1	When the Taking-Over Certificate has been issued for the Works, the first half of the Retention Money shall be certified by the Project Manager for payment to the Contractor.
	14.9.2	If a Taking-Over Certificate is issued for a Section or part of the Works, a proportion of the Retention Money shall be certified and paid. This proportion shall be half (50%) of the proportion calculated by dividing the estimated contract value of the Section or part, by the estimated final Contract Price.
	14.9.3	Promptly after the latest of the expiry dates of the Defects Notification Periods, the outstanding balance of the Retention Money shall be certified by the Project Manager for payment to the Contractor. If a Taking-Over Certificate was issued for a Section, a proportion of the second half of the Retention Money shall be certified and paid promptly after the expiry date of the Defects Notification Period for the Section. This proportion shall be half (50%) of the proportion calculated by dividing the estimated contract value of the Section by the estimated final Contract Price.
	14.9.4	However, if any work remains to be executed under Sub-Clause 11 [Defects Liability], the Project Manager shall be entitled to withhold certification of the estimated cost of this work until it has been executed.
	14.9.5	When calculating these proportions, no account shall be taken of any adjustments under Sub-Clause 13.7 [Adjustments for Changes in Legislation] and Sub-Clause 13.8 [Adjustments for Changes in Cost].
	14.9.6	Unless otherwise stated in the SCC , when the Taking-Over Certificate has been issued for the Works and the first half of the Retention Money has been certified for payment by the Project Manager, the Contractor shall be entitled to substitute a guarantee, in the form annexed to the Particular Conditions or in another form approved by the Employer and issued by a reputable bank or financial institution selected by the Contractor, for the second half of the Retention Money. The Contractor shall ensure that the guarantee is in the amounts and currencies of the second half of the Retention Money and is valid and enforceable until the Contractor has executed and completed the Works and remedied any defects, as specified for the Performance Security and, if applicable, an ES Performance Security in Sub-Clause 4.2. On receipt by the Employer of the required guarantee, the Project Manager shall certify and the Employer shall pay the second half of the Retention Money. The release of the second half of the Retention Money against a guarantee shall then be in lieu of the release after the latest of the expiry dates of the Defects Notification Periods. The Employer shall return the guarantee to the Contractor within 21 days after receiving a copy of the Performance Certificate.

	14.9.7	If the Performance Security and, if applicable, an ES Performance Security required under Sub- Clause 4.2 is in the form of a demand guarantee, and the amount guaranteed under them when the Taking-Over Certificate is issued is more than half of the Retention Money, then the Retention Money guarantee will not be required. If the amount guaranteed under the Performance Security and, if applicable, an ES Performance Security, when the Taking-Over Certificate is issued is less than half of the Retention Money, the Retention Money guarantee will only be required for the difference between half of the Retention Money and the amount guaranteed under the Performance Security and, if applicable, an ES Performance Security
14.10 Statement at Completion	14.10.1	Within 84 days after receiving the Taking-Over Certificate for the Works, unless otherwise stated in the SCC , the Contractor shall submit to the Project Manager six copies of a Statement at completion with supporting documents, in accordance with Sub-Clause 14.3 [Application for Interim Payment Certificates], showing: (a) the value of all work done in accordance with the Contract up to the date stated in the Taking-Over Certificate for the Works, (b) any further sums which the Contractor considers to be due, and (c) an estimate of any other amounts which the Contractor considers will become due to him under the Contract. Estimated amounts shall be shown separately in this Statement at completion.
	14.10.2	The Project Manager shall then certify in accordance with Sub-Clause 14.6 [Issue of Interim Payment Certificates].
14.11 Application for Final Payment Certificate	14.11.1	Within 56 days after receiving the Performance Certificate, unless otherwise stated in the SCC , the Contractor shall submit to the Project Manager, six copies of a final statement with supporting documents showing in detail in a form approved by the Project Manager: (a) the value of all work done in accordance with the Contract, and (b) any further sums which the Contractor considers to be due to him under the Contract or otherwise.
	14.11.2	If the Project Manager disagrees with or cannot verify any part of the final statement, the Contractor shall submit such further information as the Project Manager may reasonably require within 28 days from receipt of the said draft and shall make such changes in the draft as may be agreed between them. The Contractor shall then

		prepare and submit to the Project Manager the final statement as agreed. This agreed statement is referred to in these Conditions as the “Final Statement”.
	14.11.3	However if, following discussions between the Project Manager and the Contractor and any changes to the final statement which are agreed, it becomes evident that a dispute exists, the Project Manager shall deliver to the Employer (with a copy to the Contractor) an Interim Payment Certificate for the agreed parts of the draft final statement. Thereafter, if the dispute is finally resolved under Sub-Clause 20.4 [Obtaining Dispute Avoidance and Resolution Board ’s Decision] or Sub-Clause 20.5 [Amicable Settlement], the Contractor shall then prepare and submit to the Employer (with a copy to the Project Manager) a Final Statement.
14.12 Discharge	14.12.1	When submitting the Final Statement, the Contractor shall submit a discharge which confirms that the total of the Final Statement represents full and final settlement of all moneys due to the Contractor under or in connection with the Contract. This discharge may state that it becomes effective when the Contractor has received the Performance Security and the outstanding balance of this total, in which event the discharge shall be effective on such date.
14.13 Issue of Final Payment Certificate	14.13.1	Within 28 days after receiving the Final Statement and a written discharge in accordance with Sub- Clause 14.11 [Application for Final Payment Certificate] and Sub-Clause 14.12 [Discharge], the Project Manager shall deliver to the Employer and to the Contractor, the Final Payment Certificate which shall state: (a) the amount which he fairly determines is finally due, and (b) after giving credit to the Employer for all amounts previously paid by the Employer and for all sums to which the Employer is entitled, the balance (if any) due from the Employer to the Contractor or from the Contractor to the Employer, as the case may be.
	14.13.2	If the Contractor has not applied for a Final Payment Certificate in accordance with Sub- Clause 14.11 [Application for Final Payment Certificate] and Sub-Clause 14.12 [Discharge], the Project Manager shall request the Contractor to do so. If the Contractor fails to submit an application within a period of 28 days, the Project Manager shall issue the Final Payment Certificate for such amount based on his determination of final Statement submitted by the Contractor.
14.14 Cessation of Employer’s	14.14.1	The Employer shall not be liable to the Contractor for any matter or thing under or in connection with the Contract or execution of the Works, except to the extent that the Contractor shall have included an amount expressly for it:

Liability		(a) in the Final Statement and also (b) (except for matters or things arising after the issue of the Taking-Over Certificate for the Works) in the Statement at completion described in Sub-Clause 14.10 [Statement at Completion].
	14.14.2	However, this Sub-Clause shall not limit the Employer's liability under his indemnification obligations, or the Employer's liability in any case of fraud, deliberate default or reckless misconduct by the Employer.

15. Termination by Employer		
15.1 Notice toCorrect	15.1.1	If the Contractor fails to carry out any obligation under the Contract, the Project Manager may by notice require the Contractor to make good the failure and to remedy it within a specified reasonable time.
15.2 Termination by Employer	15.2.1	<p>The Employer may terminate the Contract if the Contractor:</p> <ul style="list-style-type: none"> (a) fails to comply with Sub-Clause 4.2 [Performance Security] or with a notice under Sub-Clause 15.1 [Notice to Correct], (b) abandons the Works or otherwise plainly demonstrates the intention not to continue performance of his obligations under the Contract, (c) without reasonable excuse fails: <ul style="list-style-type: none"> (i) to proceed with the Works in accordance with Sub-Clause 8 [Commencement, Delays and Suspension], or (ii) to comply with a notice issued under Sub-Clause 7.5 [Rejection] or Sub-Clause 7.6 [Remedial Work], within 28 days after receiving it, (d) subcontracts the whole of the Works or assigns the Contract without the required agreement, (e) becomes bankrupt or insolvent, goes into liquidation, has a receiving or administration order made against him, compounds with his creditors, or carries on business under a receiver, trustee or manager for the benefit of his creditors, or if any act is done or event occurs which (under applicable Laws) has a similar effect to any of these acts or events, or (f) gives or offers to give (directly or indirectly) to any person any bribe, gift, gratuity, commission or other thing of value, as an inducement or reward: <ul style="list-style-type: none"> (i) for doing or forbearing to do any action in relation to the Contract, or (ii) for showing or for bearing to show favour or disfavour to any person in relation to the Contract, <p>or if any of the Contractor's Personnel, agents or Subcontractors gives or offers to give (directly or indirectly) to any person any such inducement or reward as is described in this sub-paragraph</p> <ul style="list-style-type: none"> (g). However, lawful inducements and rewards to Contractor's Personnel shall not entitle termination.
	15.2.2	In any of these events or circumstances, the Employer may, upon giving 14 working days' notice to the Contractor, terminate the Contract and expel the Contractor from the Site. However, in the case of sub-paragraph (e) or (f), the Employer may by notice terminate the Contract immediately.
	15.2.3	The Employer's choice to terminate the Contract shall not prejudice any other rights of the Employer, under the Contract or otherwise.

	15.2.4	<p>The Contractor shall then leave the Site and deliver any required Goods, all Contractors' Documents, and other design documents made by or for him, to the Project Manager. However, the Contractor shall use his best efforts to comply immediately with any reasonable instructions included in the notice</p> <p>(a) for the assignment of any subcontract, and</p> <p>(b) for the protection of life or property or for the safety of the Works.</p>
	15.2.5	<p>After termination, the Employer may complete the Works and/or arrange for any other entities to do so. The Employer and these entities may then use any Goods, Contractor's Documents and other design documents made by or on behalf of the Contractor.</p>
	15.2.6	<p>The Employer shall then give notice that the Contractor's Equipment and Temporary Works will be released to the Contractor at or near the Site.</p> <p>The Contractor shall promptly arrange their removal, at the risk and cost of the Contractor.</p>
		<p>However, if by this time the Contractor has failed to make a payment due to the Employer, these items may be sold by the Employer in order to recover this payment. Any balance of the proceeds shall then be paid to the Contractor.</p>
15.3 Valuation at Date of Termination	15.3.1	<p>As soon as practicable after a notice of termination under Sub-Clause 15.2 [Termination by Employer] has taken effect, the Project Manager shall proceed in accordance with Sub-Clause 3.6 [Determinations] to determine the value of the Works, Goods and Contractor's Documents, and any other sums due to the Contractor for work executed in accordance with the Contract.</p>
15.4 Payment after Termination	15.4.1	<p>After a notice of termination under Sub-Clause 15.2 [Termination by Employer] has taken effect, the Employer may:</p> <p>(a) proceed in accordance with Sub-Clause 2.5 [Employer's Claims],</p> <p>(b) withhold further payments to the Contractor until the costs of execution, completion and remedying of any defects, damages for delay in completion (if any), and all other costs incurred by the Employer, have been established, and/or</p> <p>(c) recover from the Contractor any losses and damages incurred by the Employer and any extra costs of completing the Works, after allowing for any sum due to the Contractor under Sub-Clause 15.3 [Valuation at Date of Termination]. After recovering any such losses, damages and extra costs, the Employer shall pay any balance to the Contractor.</p>

15.5 Employer's Entitlement to Termination for Convenience	15.5.1	<p>The Employer shall be entitled to terminate the Contract, at any time for the Employer's convenience, by giving notice of such termination to the Contractor. The termination shall take effect 28 days after the later of the dates on which the Contractor receives this notice or the Employer returns the Performance Security. The Employer shall not terminate the Contract under this Sub-Clause in order to execute the Works himself or to arrange for the Works to be executed by another contractor or to avoid a termination of the Contract by the Contractor under Sub-Clause 16.4 [Payment on Termination].</p>
	15.5.2	<p>After this termination, the Contractor shall proceed in accordance with Sub-Clause 16.3 [Cessation of Work and Removal of Contractor's Equipment] and shall be paid in accordance with Sub-Clause 19.6 [Optional Termination, Payment and Release].</p>
15.6 Corrupt or Fraudulent Practices	15.6.1	<p>If the Contractor is determined by Competent Authority that he has engaged in corrupt, fraudulent or coercive practices, in competing for or in executing the Contract, then the Employer may, after giving 14 days notice to the Contractor, terminate the Contractor's employment under the Contract and expel him from the Site, and the provisions of Sub-Clause 15 shall apply as if such expulsion had been made under Sub-Clause 6.8.3 [Contractor's Personnel].</p>
	15.6.2	<p>For the purposes of this Sub-Clause:</p> <ul style="list-style-type: none"> (i) "corrupt practice" means the offering, giving, receiving, or soliciting, directly or indirectly, of anything of value to influence the action of a public official in the procurement process or in contract execution; (ii) "fraudulent practice" means a misrepresentation or omission of facts in order to influence a procurement process or the execution of a contract; (iii) "coercive practices" means harming or threatening to harm, directly or indirectly, persons, or their property to influence their participation in a procurement process, or affect the execution of a contract.

16. Suspension and Termination by the Contractor		
16.1 Contractor's Entitlement to Suspend Work	16.1.1	If the Project Manager fails to certify in accordance with Sub-Clause 14.6 [Issue of Interim Payment Certificates] or the Employer fails to comply with Sub-Clause 2.4 [Suspension of Financing] or Sub-Clause 14.7 [Payment], the Contractor may, after giving not less than 28 days' notice to the Employer, suspend work (or reduce the rate of work) unless and until the Contractor has received the Payment Certificate, reasonable evidence or payment, as the case may be and as described in the notice.
	16.1.2	Notwithstanding the above, if the Government has suspended disbursements, which finances in whole or in part the execution of the Works, and no agreement has been reached by the parties pursuant to Sub-Clause 2.4.2 [Suspension of Financing], the Contractor may by notice suspend work or reduce the rate of work at any time, but not less than 14 working days after the Employer having received the suspension notification from the Government.
	16.1.3	The Contractor's action shall not prejudice his entitlements to interest under Sub-Clause 14.8 [Delayed Payment] and to termination under Sub-Clause 16.2 [Termination by Contractor].
	16.1.4	If the Contractor subsequently receives such Payment Certificate, evidence or payment (as described in the relevant Sub-Clause and in the above notice) before giving a notice of termination, the Contractor shall resume normal working as soon as is reasonably practicable.
	16.1.5	If the Contractor suffers delay and/or incurs Cost as a result of suspending work (or reducing the rate of work) in accordance with this Sub-Clause , the Contractor shall give notice to the Project Manager and shall be entitled subject to Sub-Clause 20.1 [Contractor's Claims] to an extension of time and associated costs (if any) for such delay, if completion is or will be delayed, under Sub-Clause 8.4 [Extension of Time for Completion], and after receiving this notice, the Project Manager shall proceed in accordance with Sub-Clause 3.6 [Determinations] to determine these matters.
16.2 Termination by Contractor	16.2.1	<p>The Contractor may terminate the Contract if:</p> <p>(a) the Contractor does not receive the reasonable evidence within 42 days after giving notice under Sub-Clause 16.1 [Contractor's Entitlement to Suspend Work] in respect of a failure to comply with Sub-Clause 2.4 [failure to reach agreement upon Government suspension of financing]</p> <p>(b) the Employer substantially fails to perform his obligations under the Contract in such manner as to materially and adversely affect the execution of the Contract;</p> <p>(c) the Employer fails to comply with Sub-Clause 1.6 [Contract];</p> <p>(d) a prolonged suspension affects the whole of the Works as described in Sub-Clause 8.10 [Prolonged Suspension], or</p> <p>(e) the Employer becomes bankrupt or insolvent, goes into liquidation, has a receiving or administration order made against him, compounds with his creditors, or carries on business under a receiver, trustee or manager for the</p>

		<p>benefit of his creditors, or if any act is done or event occurs which (under applicable Laws) has a similar effect to any of these acts or events.</p> <p>(f) In the event the Government suspends the funds from which part of the payments to the Contractor are being made and the time agreed for future event pursuant to Sub- Clause 2.4 has expired.(g) the Contractor does not receive the Project Manager’s instruction recording the agreement of both Parties on the fulfilment of the conditions for the Commencement of Works under Sub-Clause 8.1 [Commencement of Works].</p>
	16.2.2	In any of these events or circumstances, the Contractor may, upon giving 14 working days notice to the Employer, terminate the Contract. However, in the case of sub-paragraph (g), the Contractor may by notice terminate the Contract immediately.
	16.2.3	The Contractor’s election to terminate the Contract shall not prejudice any other rights of the Contractor, under the Contract or otherwise.
16.3 Cessation of Work and Removal of Contractor’s Equipment	16.3.1	<p>After a notice of termination under Sub-Clause 15.5 [Employer’s Entitlement to Termination for Convenience], Sub-Clause 16.2 [Termination by Contractor] or Sub-Clause 19.6 [Optional Termination, Payment and Release] has taken effect, the Contractor shall promptly:</p> <p>(a) cease all further work, except for such work as may have been instructed by the Project Manager for the protection of life or property or for the safety of the Works,</p> <p>(b) hand over Contractor’s Documents, Plant, Materials and other work; and remove all other Goods which are property of the Contractor from the Site, except as necessary for safety, and leave the Site. After a notice of termination under Sub-Clause 15.5 [Employer’s Entitlement to Termination for Convenience], Sub-Clause 16.2 [Termination by Contractor] or Sub- clause 19.6 [Optional Termination, Payment and Release] has taken effect, the Contractor shall promptly:</p> <p>(c) cease all further work, except for such work as may have been instructed by the Project Manager for the protection of life or property or for the safety of the Works,</p> <p>(d) hand over Contractor’s Documents, Plant, Materials and other work; and</p> <p>(e) remove all other Goods which are property of the Contractor from the Site, except as necessary for safety, and leave the Site.</p>
16.4 Payment on Termination	16.4.1	<p>After a notice of termination under Sub-Clause 16.2 [Termination by Contractor] has taken effect, the Employer shall promptly:</p> <p>(a) pay the Contractor in accordance with Sub- Clause 19.6 [Optional Termination, Payment and Release], and</p> <p>(b) return the Performance Security to the Contractor provided that all performance obligation of the Contractor have been fulfilled.</p>

17. Risk and Responsibility		
17.1 Indemnities	17.1.1	<p>The Contractor shall indemnify and hold harmless the Employer, the Employer's Personnel, and their respective agents, against and from all claims, damages, losses and expenses (including legal fees and expenses) in respect of:</p> <p>(a) bodily injury, sickness, disease or death, of any person whatsoever arising out of or in the course of or by reason of the Contractor's design (if any), the execution and completion of the Works and the remedying of any defects, unless attributable to any negligence, wilful act or breach of the Contract by the Employer, the Employer's Personnel, or any of their respective agents, and</p> <p>(b) damage to or loss of any property, real or personal (including works), to the extent that such damage or loss arises out of or in the course of or by reason of the Contractor's design, the execution and completion of the Works and the remedying of any defects, unless and to the extent that any such damage or loss is attributable to any negligence, Fraud, wilful act or omissions by the Employer, the Employer's Personnel, their respective agents.</p>
	17.1.2	<p>The Employer shall indemnify and hold harmless the Contractor, the Contractor's Personnel, and their respective agents, against and from all claims, damages, losses and expenses (including legal fees and expenses) in respect of (1) bodily injury, sickness, disease or death, which is attributable to any negligence, fraud, wilful act or omission by the Employer, the Employer's Personnel, or any of their respective agents, and</p> <p>(2) the matters for which liability may be excluded from insurance cover, as described in sub- paragraphs (d)(i), (ii) and (iii) of Sub-Clause 18.3 [Insurance Against Injury to Persons and Damage to Property].</p>
17.2 Contractor's Care of the Works	17.2.1	<p>Notwithstanding Sub-Clause 11 [Defects Liability], the Contractor shall take full responsibility for the care of the Works and Goods from the Commencement Date until the Taking- Over Certificate is issued (or is deemed to be issued under Sub-Clause 10.1 [Taking Over of the Works and Sections]) for the Works, when responsibility for the care of the Works shall pass to the Employer. If a Taking-Over Certificate is issued (or is so deemed to be issued) for any Section or part of the Works, responsibility for the care of the Section or part shall then pass to the Employer.</p>
	17.2.2	<p>After responsibility has accordingly passed to the Employer, the Contractor shall take responsibility for the care of any work which is outstanding on the date stated in a Taking-Over Certificate, until this outstanding work has been completed.</p>

	17.2.3	If any loss or damage happens to the Works, Goods or Contractor's Documents during the period when the Contractor is responsible for their care, from any cause not listed in Sub-Clause 17.3 [Employer's Risks] , the Contractor shall rectify the loss or damage at the Contractor's risk and cost, so that the Works, Goods and Contractor's Documents conform with the Contract.
	17.2.4	The Contractor shall be liable for any loss or damage caused by any actions performed by the Contractor after a Taking-Over Certificate has been issued. The Contractor shall also be liable for any loss or damage which occurs after a Taking-Over Certificate has been issued and which arose from a previous event for which the Contractor was liable.
17.3 Employer's Risks	17.3.1	<p>The risks referred to in Sub-Clause 17.4 below, insofar as they directly affect the execution of the Works in the Country, are:</p> <ul style="list-style-type: none"> (a) war, hostilities (whether war be declared or not), invasion, act of foreign enemies, (b) rebellion, terrorism, sabotage by persons other than the Contractor's Personnel, revolution, insurrection, military or usurped power, or civil war, within the Country, (c) riot, commotion or disorder within the Country by persons other than the Contractor's Personnel, (d) munitions of war, explosive materials, ionising radiation or contamination by radio- activity, within the Country, except as may be attributable to the Contractor's use of such munitions, explosives, radiation or radio-activity, (e) pressure waves caused by aircraft or other aerial devices travelling at sonic or supersonic speeds, (f) use or occupation by the Employer of any part of the Permanent Works, except as may be specified in the Contract, (g) design of any part of the Works by the Employer's Personnel or by others for whom the Employer is responsible, and (h) any operation of the forces of nature which is Unforeseeable or against which an experienced contractor could not reasonably have been expected to have taken adequate preventative precautions.
17.4 Consequences of Employer's Risks	17.4.1	If and to the extent that any of the risks listed in Sub-Clause 17.3 above results in loss or damage to the Works, Goods or Contractor's Documents, the Contractor shall promptly give notice to the Project Manager and shall rectify this loss or damage to the extent required by the Project Manager.
	17.4.2	If the Contractor suffers delay and/or incurs Cost from rectifying this loss

		<p>or damage, the Contractor shall give a further notice to the Project Manager and shall be entitled subject to Sub-Clause 20.1 [Contractor's Claims] to:</p> <p>(a) an extension of time for any such delay, if completion is or will be delayed, under Sub- Clause 8.4 [Extension of Time for Completion]; and</p> <p>(b) payment of any such Cost, which shall be included in the Contract Price. In the case of sub-paragraphs (f) and (g) of Sub-Clause 17.3 [Employer's Risks], Cost plus profit shall be payable.</p>
	17.4.3	<p>After receiving this further notice, the Project Manager shall proceed in accordance with Sub- Clause 3.6 [Determinations] to determine these matters.</p>
17.5 Intellectual and Industrial Property Rights	17.5.1	<p>In this Sub-Clause, "infringement" means an infringement (or alleged infringement) of any patent, registered design, copyright, trade mark, trade name, trade secret or other intellectual or industrial property right relating to the Works; and "claim" means a claim (or proceedings pursuing a claim) alleging an infringement.</p>
	17.5.2	<p>Whenever a Party does not give notice to the other Party of any claim within 90 days of receiving the claim, the first Party shall be deemed to have waived any right to indemnity under this Sub-Clause.</p>
	17.5.3	<p>The Employer shall indemnify and hold the Contractor harmless against and from any claim alleging an infringement which is or was:</p> <p>(a) an unavoidable result of the Contractor's compliance with the Contract, or</p> <p>(b) a result of any Works being used by the Employer:</p> <p>(i) for a purpose other than that indicated by, or reasonably to be inferred from, the Contract, or</p> <p>(ii) in conjunction with anything not supplied by the Contractor, unless such use was disclosed to the Contractor prior to the Base Date or is stated in the Contract.</p>
	17.5.4	<p>The Contractor shall indemnify and hold the Employer harmless against and from any other claim which arises out of or in relation to (i) the manufacture, use, sale or import of any Goods, or</p> <p>(ii) any design for which the Contractor is responsible.</p>
	17.5.5	<p>If a Party is entitled to be indemnified under this Sub-Clause, the indemnifying Party may (at its cost) conduct negotiations for the settlement of the claim, and any litigation or arbitration which may arise from it. The other Party shall, at the request and cost of the indemnifying Party, assist in contesting the claim.</p>
17.6 Limitation of Liability	17.6.1	<p>Neither Party shall be liable to the other Party for loss of use of any Works, loss of profit, loss of any contract or for any indirect or consequential loss or damage which may be suffered by the other Party in connection with the Contract, other than as specifically provided in Sub-Clause 8. [Liquidated Damages]; Sub-Clause 11.2 [Cost of</p>

		Remedying Defects]; Sub-Clause 15.4 [Payment after Termination]; Sub-Clause 16.4 [Payment on Termination]; Sub-Clause 17.1 [Indemnities]; Sub-Clause 17.4 (b) [Consequences of Employer's Risks] and Sub-Clause 17.5 [Intellectual and Industrial Property Rights].
	17.6.2	The total liability of the Contractor to the Employer, under or in connection with the Contract other than under Sub-Clause 4.19 [Electricity, Water and Gas], Sub-Clause 4.20 [Employer's Equipment and Free-Issue Material], Sub-Clause 17.1 [Indemnities] and Sub-Clause 17.5 [Intellectual and Industrial Property Rights], shall not exceed the sum resulting from the application of a multiplier (greater than one) to the Accepted Contract Amount, as stated in the SCC , or (if such multiplier or other sum is not so stated), the Contract Price.
	17.6.3	This Clause shall not limit liability in any case of fraud, deliberate default or reckless misconduct by the defaulting Party.
17.7 Use of Employer's Accommodation/ Facilities	17.7.1	The Contractor shall take full responsibility for the care of the Employer provided accommodation and facilities, if any, as detailed in the Employer's Requirement, from the respective dates of hand-over to the Contractor until cessation of occupation (where hand-over or cessation of occupation may take place after the date stated in the Taking-Over Certificate for the Works).
	17.7.2	If any loss or damage happens to any of the above items while the Contractor is responsible for their care arising from any cause whatsoever other than those for which the Employer is liable, the Contractor shall, at his own cost, rectify the loss or damage to the satisfaction of the Employer.

18. Insurance		
18.1 General Requirements for Insurances	18.1.1	In this Clause, “insuring Party” means, for each type of insurance, the Party responsible for effecting and maintaining the insurance specified in the relevant Sub-Clause .
	18.1.2	Wherever the Contractor is the insuring Party, each insurance shall be effected with insurers and in terms approved by the Employer. These terms shall be consistent with any terms agreed by both Parties before the date of the Letter of Acceptance. This agreement of terms shall take precedence over the provisions of this Clause.
	18.1.3	Wherever the Employer is the insuring Party, each insurance shall be effected with insurers and in terms acceptable to the Contractor. These terms shall be consistent with any terms provided in the tendering documents except as otherwise agreed by both Parties as stipulated in the SCC . This agreement of terms shall take precedence over the provisions of this Clause.
	18.1.4	If a policy is required to indemnify joint insured, the cover shall apply separately to each insured as though a separate policy had been issued for each of the joint insured.
	18.1.5	Each policy insuring against loss or damage shall provide for payments to be made in the currencies required to rectify the loss or damage. Payments received from insurers shall be used for the rectification of the loss or damage.
	18.1.6	The relevant insuring Party shall, within the respective periods stated in the SCC (calculated from the Commencement Date), submit to the other Party: (a) evidence that the insurances described in this Clause have been effected, and (b) copies of the policies for the insurances described in Sub-Clause 18.2 [Insurance for Works and Contractor’s Equipment] and Sub-Clause 18.3 [Insurance against Injury to Persons and Damage to Property].
	18.1.7	When each premium is paid, the insuring Party shall submit evidence of payment to the other Party. Whenever evidence or policies are submitted, the insuring Party shall also give notice to the Project Manager.
	18.1.8	Each Party shall comply with the conditions stipulated in its respective insurance policy. The insuring Party shall keep the insurers informed of any relevant changes to the execution of the Works and ensure that insurance is maintained in accordance with this Clause.

	18.1.9	Neither Party shall make any material alteration to the terms of any insurance without the prior approval of the other Party.
	18.1.10	If the insuring Party fails to effect and keep in force any of the insurances it is required to effect and maintain under the Contract, or fails to provide satisfactory evidence and copies of policies in accordance with this Sub-Clause , the other Party may (at its option and without prejudice to any other right or remedy) effect insurance for the relevant coverage and pay the premiums due. The insuring Party shall pay the amount of these premiums to the other Party, and the Contract Price shall be adjusted accordingly.
	18.1.11	Nothing in this Clause limits the obligations, liabilities or responsibilities of the Contractor or the Employer, under the other terms of the Contract or otherwise. Any amounts not insured or not recovered from the insurers shall be borne by the Contractor and/or the Employer in accordance with these obligations, liabilities or responsibilities. However, if the insuring Party fails to effect and keep in force an insurance which is available and which it is required to effect and maintain under the Contract, and the other Party neither approves the omission nor effects insurance for the coverage relevant to this default, any moneys which should have been recoverable under this insurance shall be paid by the insuring Party.
	18.1.12	Payments by one Party to the other Party shall be subject to Sub-Clause 2.5 [Employer's Claims] or Sub-Clause 20.1 [Contractor's Claims], as applicable.
	18.1.13	The Contractor shall be entitled to place all insurance relating to the Contract (including, but not limited to the insurance referred to Sub-Clause 18) with insurers from any eligible source country specified in the SCC .
18.2 Insurance for Works and Contractor's Equipment	18.2.1	The Contractor shall insure the Works, Plant, Materials and Contractor's Documents for not less than the full reinstatement cost including the costs of demolition, removal of debris and professional fees and profit. The Contractor shall provide, in the joint names of the Employer and the Contractor, insurance cover from the Commencement Date to the end of the Defects Notification Period.
	18.2.2	The Contractor shall maintain this insurance to provide cover until the date of issue of the Performance Certificate, for loss or damage for which the Contractor is liable arising from a cause occurring prior to the issue of the Taking-Over Certificate, and for loss or damage caused by the Contractor in the course of any other operations (including those under Sub-Clause 11 [Defects Liability]).
	18.2.3	The Contractor shall insure the Contractor's Equipment for not less than the full replacement value, including delivery to Site. For each item of Contractor's Equipment, the insurance shall be effective while it is being

		transported to the Site and until it is no longer required as Contractor's Equipment.
	18.2.4	<p>Unless otherwise stated in the SCC, insurances under this Sub-Clause:</p> <p>(a) shall be effected and maintained by the Contractor as insuring Party,</p> <p>(b) shall be in the joint names of the Parties, who shall be jointly entitled to receive payments from the insurers, payments being held or allocated to the Party actually bearing the costs of rectifying the loss or damage;</p> <p>(c) shall cover all loss and damage from any cause not specifically stated under the contract to be Employer's Risks;</p> <p>(d) shall also cover, to the extent specifically specified in the SCC, loss or damage to a part of the Works which is attributable to the use or occupation by the Employer of another part of the Works, and loss or damage from the risks listed in Sub-Clause 19 [Force Majeure], excluding (in each case) risks which are not insurable at commercially reasonable terms; and</p> <p>(e) may however exclude loss of, damage to, and reinstatement of:</p> <p>(i) a part of the Works which is in a defective condition due to a defect in its design, materials or workmanship (but cover shall include any other parts which are lost or damaged as a direct result of this defective condition and not as described in sub-paragraph (ii) below),</p> <p>(ii) a part of the Works which is lost or damaged in order to reinstate any other part of the Works if this other part is in a defective condition due to a defect in its design, materials or workmanship</p>
18.3 Insurance against Injury to Persons and Damage to Property	18.3.1	The insuring Party shall insure against each Party's liability for any loss, damage, death or bodily injury which may occur to any physical property (except things insured under Sub-Clause 18.2 [Insurance for Works and Contractor's Equipment]) or to any person (except persons insured under Sub-Clause 18.4 [Insurance for Contractor's Personnel]), which may arise out of the Contractor's performance of the Contract and occurring before the issue of the Performance Certificate.
	18.3.2	<p>Unless otherwise stated in the SCC, the insurances specified in this Sub-Clause:</p> <p>(a) shall be effected and maintained by the Contractor as insuring Party,</p> <p>(b) shall be in the joint names of the Parties,</p> <p>(c) shall be extended to cover liability for all loss and damage to the Employer's property (except things insured under Sub-Clause 18.2) arising out of the Contractor's performance of the Contract, and</p> <p>(d) may however exclude liability to the extent that it arises from:</p> <p>(i) the Employer's right to have the Permanent Works executed on, over, under, in or through any land, and to occupy this land for the Permanent Works,</p> <p>(ii) damage which is an unavoidable result of the Contractor's obligations to execute the Works and remedy any defects, and</p> <p>(iii) a cause listed in Sub-Clause 19 [Force Majeure], except to the extent that cover is available at commercially reasonable terms.</p>

18.4 Insurance for Contractor's Personnel		
	18.4.1	The Contractor shall effect and maintain insurance against liability for claims, damages, losses and expenses (including legal fees and expenses) arising from injury, sickness, disease or death of any person employed by the Contractor or any other of the Contractor's Personnel.
	18.4.2	The insurance shall cover the Employer and the Project Manager against liability for claims, damages, losses and expenses (including legal fees and expenses) arising from injury, sickness, disease or death of any person employed by the Contractor or any other of the Contractor's Personnel, except that this insurance may exclude losses and claims to the extent that they arise from wilful acts and omissions, neglect of the Employer or of the Employer's Personnel.
	18.4.3	The insurance shall be maintained and be in effect during the whole time that these personnel are assisting in the execution of the Works. For a Subcontractor's employees, the insurance may be effected by the Subcontractor, but the Contractor shall be responsible for compliance with this Clause.

19. Force Majeure		
19.1 Definition of Force Majeure	19.1.1	<p>In this Clause, “Force Majeure” means an exceptional event or circumstance:</p> <ul style="list-style-type: none"> (a) which is beyond a Party’s control; (b) which such Party could not reasonably have provided against before entering into the Contract; (c) which, having arisen, such Party could not reasonably have avoided or overcome, and (d) which is not substantially attributable to the other Party.
	19.1.2	<p>Force Majeure may include, but is not limited to, exceptional events or circumstances of the kind listed below, so long as conditions (a) to (d) above are satisfied:</p> <ul style="list-style-type: none"> (a) war, hostilities (whether war be declared or not), invasion, act of foreign enemies, (b) rebellion, by persons other than the Contractor’s Personnel, revolution, insurrection, military or usurped power, or civil war, (c) riot, commotion, disorder, strike or lockout by persons other than the Contractor’s Personnel, (d) munitions of war, explosive materials, ionising radiation or contamination by radio-activity, except as may be attributable to the Contractor’s use of such munitions, explosives, radiation or radio-activity, and (e) natural catastrophes such as earthquake, hurricane, typhoon or volcanic activity.
19.2 Notice of Force Majeure	19.2.1	<p>If a Party is or will be prevented from performing its substantial obligations under the Contract by Force Majeure, then it shall give notice to the other Party of the event or circumstances constituting the Force Majeure and shall specify the obligations, the performance of which is or will be prevented. The notice shall be given within 14 working days after the Party became aware, or should have become aware, of the relevant event or circumstance constituting Force Majeure.</p>
	19.2.2	<p>The Party shall, having given notice, be excused from performance of its obligations for so long as such Force Majeure prevents it from performing them.</p>
	19.2.3	<p>Notwithstanding any other provision of this Clause, Force Majeure shall not apply to obligations of either Party to make payments to the other Party under the Contract.</p>
19.3 Duty to Minimize Delay	19.3.1	<p>Each Party shall at all times use all reasonable endeavours to minimise any delay in the performance of the Contract as a result of Force Majeure.</p>
	19.3.2	<p>A Party shall give notice to the other Party when it ceases to be affected by the Force Majeure.</p>

19.4 Consequences of Force Majeure	19.4.1	<p>If the Contractor is prevented from performing its substantial obligations under the Contract by Force Majeure of which notice has been given under Sub-Clause 19.2 [Notice of Force Majeure], and suffers delay and/or incurs Cost by reason of such Force Majeure, the Contractor may be entitled subject to Sub-Clause 20.1 [Contractor's Claims] to:</p> <ul style="list-style-type: none"> (a) an extension of time for any such delay, if completion is or will be delayed, under Sub-Clause 8.4 [Extension of Time for Completion], and (b) if the event or circumstance is of the kind described in sub-paragraphs (i) to (iv) of Sub-Clause 19.1 [Definition of Force Majeure] and, in the case of sub-paragraphs (ii) to (iv), occurs in the Country, payment of any such Cost, including the costs of rectifying or replacing the Works and/or Goods damaged or destroyed by Force Majeure, to the extent they are not indemnified through the insurance policy referred to in Sub-Clause 18.2 [Insurance for Works and Contractor's Equipment].
	19.4.2	<p>After receiving this notice, the Project Manager shall proceed in accordance with Sub-Clause 3.6 [Determinations] to determine these matters.</p>
19.5 Force Majeure Affecting Subcontractor	19.5.1	<p>If any Subcontractor is entitled under any contract or agreement relating to the Works to relief from force majeure on terms additional to or broader than those specified in this Clause, such additional or broader force majeure events or circumstances shall not excuse the Contractor's non-performance or entitle him to relief under this Clause.</p>
19.6 Optional Termination, Payment and Release	19.6.1	<p>If the execution of substantially all the Works in progress is prevented for a continuous period of 84 days by reason of Force Majeure of which notice has been given under Sub-Clause 19.2 [Notice of Force Majeure], or for multiple periods which total more than 140 days due to the same notified Force Majeure, then either Party may give to the other Party a notice of termination of the Contract. In this event, the termination shall take effect 14 working days after the notice is given, and the Contractor shall proceed in accordance with Sub-Clause 16.3 [Cessation of Work and Removal of Contractor's Equipment].</p>
	19.6.2	<p>Upon such termination, the Project Manager upon written approval of the Employer shall, determine the value of the work done and issue a Payment Certificate which shall include:</p> <ul style="list-style-type: none"> (a) the amounts payable for any work carried out for which a price is stated in the Contract; (b) the Cost of Plant and Materials ordered for the Works which have been delivered to the Contractor, or of which the Contractor is liable to accept delivery: this Plant and Materials shall become the property of (and be at the risk of) the Employer when paid for by the Employer, and the Contractor shall place the same at the Employer's disposal; (c) other Costs or liabilities which in the circumstances were reasonably and necessarily incurred by the

		<p>Contractor in the expectation of completing the Works;</p> <p>(d) the Cost of removal of Temporary Works; and</p> <p>(e) the Cost of repatriation of the Contractor's staff and labour employed wholly in connection with the Works at the date of termination.</p>
19.7 Release from Performance	19.7.1	<p>Notwithstanding any other provision of this Clause, if any event or circumstance outside the control of the Parties (including, but not limited to, Force Majeure) arises which makes it impossible or unlawful for either or both Parties to fulfil its or their contractual obligations or which, under the law governing the Contract, entitles the Parties to be released from further performance of the Contract, then upon notice by either Party to the other Party of such event or circumstance:</p> <p>(a) the Parties shall be discharged from further performance, without prejudice to the rights of either Party in respect of any previous breach of the Contract, and</p> <p>(b) the sum payable by the Employer to the Contractor shall be the same as would have been payable under Sub-Clause 19.6 [Optional Termination, Payment and Release] if the Contract had been terminated under Sub-Clause 19.6.</p>

20. Claims, Disputes and Arbitration		
20.1 Contractor's Claims	20.1.1	If the Contractor considers himself to be entitled to any extension of the Time for Completion and/or any additional payment, under any Clause of these Conditions or otherwise in connection with the Contract, the Contractor shall give notice to the Project Manager, describing the event or circumstance giving rise to the claim. The notice shall be given as soon as practicable, and not later than 28 days after the Contractor became aware, or should have become aware, of the event or circumstance.
	20.1.2	If the Contractor fails to give notice of a claim within such period of 28 days, the Time for Completion shall not be extended, the Contractor shall not be entitled to additional payment, and the Employer shall be discharged from all liability in connection with the claim. Otherwise, the following provisions of this Sub-Clause shall apply.
	20.1.3	The Contractor shall also submit any other notices which are required by the Contract, and supporting particulars for the claim, all as relevant to such event or circumstance.
	20.1.4	The Contractor shall keep such contemporary records as may be necessary to substantiate any claim, either on the Site or at another location acceptable to the Project Manager. Without admitting the Employer's liability, the Project Manager may, after receiving any notice under this Sub-Clause, monitor the record-keeping and/or instruct the Contractor to keep further contemporary records. The Contractor shall permit the Project Manager to inspect all these records, and shall (if instructed) submit copies to the Project Manager.
	20.1.5	<p>Within 42 days after the Contractor became aware (or should have become aware) of the event or circumstance giving rise to the claim, or within such other period as may be proposed by the Contractor and approved by the Project Manager, the Contractor shall send to the Project Manager a fully detailed claim which includes full supporting particulars of the basis of the claim and of the extension of time and/or additional payment claimed. If the event or circumstance giving rise to the claim has a continuing effect:</p> <p>(a) this fully detailed claim shall be considered as interim;</p> <p>(b) the Contractor shall send further interim claims at monthly intervals, giving the accumulated delay and/or amount claimed, and such further particulars as the Project Manager may reasonably require; and</p> <p>the Contractor shall send a final claim within 28 days after the end of the effects resulting from the event or circumstance, or within such other period as may be proposed by the Contractor and approved by the Project Manager.</p>

	20.1.6	Within 42 days after receiving a claim or any further particulars supporting a previous claim, or within such other period as may be proposed by the Project Manager and approved by the Contractor, the Project Manager shall respond with approval, or with disapproval and detailed comments. He may also request any necessary further particulars, but shall nevertheless give his response on the principles of the claim within the above defined time period.
	20.1.7	Within the above defined period of 42 days, the Project Manager shall proceed in accordance with Sub-Clause 3.6 [Determinations] to agree or determine (i) the extension (if any) of the Time for Completion (before or after its expiry) in accordance with Sub-Clause 8.4 [Extension of Time for Completion], and/or (ii) the additional payment (if any) to which the Contractor is entitled under the Contract.
	20.1.8	Each Payment Certificate shall include such additional payment for any claim as have been reasonably substantiated as due under the relevant provision of the Contract. Unless and until the particulars supplied are sufficient to substantiate the whole of the claim, the Contractor shall only be entitled to payment for such part of the claim as he has been able to substantiate.
	20.1.9	If the Project Manager does not respond within the timeframe defined in this Clause, either Party may consider that the claim is rejected by the Project Manager and any of the Parties may refer it to the Dispute Avoidance and Resolution Board in accordance with Sub-Clause 20.4 [Obtaining Dispute Avoidance and Resolution Board's Decision].
	20.1.10	The requirements of this Sub-Clause are in addition to those of any other Sub-Clause which may apply to a claim. If the Contractor fails to comply with this or another Sub-Clause in relation to any claim, any extension of time and/or additional payment shall take account of the extent (if any) to which the failure has prevented or prejudiced proper investigation of the claim, unless the claim is excluded under the second paragraph of this Sub-Clause.
20.2 Appointment of the Dispute Avoidance and Resolution Board	20.2.1	Disputes shall be referred to a DARB for decision in accordance with Sub-Clause 20.4 [Obtaining Dispute Avoidance and Resolution Board's Decision]. The Parties shall appoint a DARB by the date stated in the SCC.
	20.2.2	The DARB shall comprise, as stated in the SCC, either one or three suitably qualified persons ("the members"), each of whom shall be fluent

		in the language for communication defined in the Contract and shall be a professional experienced in the type of construction involved in the Works and with the interpretation of contractual documents. If the number is not so stated and the Parties do not agree otherwise, the DARB shall comprise three persons, one of whom shall serve as chairman.
	20.2.3	If the Parties have not jointly appointed the DARB 21 days before the date stated in the SCC and the DARB is to comprise three persons, each Party shall nominate one member for the approval of the other Party. The first two members shall recommend, and the Parties shall agree upon the third member, who shall act as chairman.
	20.2.4	The agreement between the Parties and either the sole member or each of the three members shall incorporate by reference the General Conditions of Dispute Avoidance and Resolution Board Agreement contained in the Appendix B to these General Conditions, with such amendments as are agreed between them.
	20.2.5	The terms of the remuneration of either the sole member or each of the three members, including the remuneration of any expert whom the DARB consults, shall be mutually agreed upon by the Parties when agreeing the terms of appointment of the member or such expert (as the case may be). Each Party shall be responsible for paying one- half of this remuneration.
	20.2.6	If a member declines to act or is unable to act as a result of death, disability, resignation or termination of appointment, a replacement shall be appointed in the same manner as the replaced person was required to have been nominated or agreed upon, as described in this Sub-Clause.
	20.2.7	The appointment of any member may be terminated by mutual agreement of both Parties, but not by the Employer or the Contractor acting alone. Unless otherwise agreed by both Parties, the appointment of the DARB (including each member) shall expire when the discharge referred to in Sub-Clause 14.12 [Discharge] shall have become effective.
20.3 Failure to Agree on the Composition of the Dispute Avoidance and Resolution Board	20.3.1	<p>If any of the following conditions apply, namely:</p> <ul style="list-style-type: none"> (a) the Parties fail to agree upon the appointment of the sole member of the DARB by the date stated in the first paragraph of Sub-Clause 20.2, [Appointment of the Dispute Avoidance and Resolution Board], (b) either Party fails to nominate a member (for approval by the other Party) or fails to approve a member nominated by the other Party, of a DARB of three persons by such date, (c) the Parties fail to agree upon the appointment of the third member (to act as chairman) of the DARB by such date, or (d) the Parties fail to agree upon the appointment of a replacement person within (e) 42 days after the date on which the sole member or one of the three members declines to act or is unable to act as a result of death, disability, resignation or termination of appointment, then the Appointing Entity or official named in the SCC shall, upon the request of either or both of the Parties and after due consultation with both Parties, appoint this member of the DARB. This appointment shall be final and conclusive. Each Party

		shall be responsible for paying one-half of the remuneration of the appointing entity or official.
20.4 Obtaining Dispute Avoidance and Resolution Board's Decision	20.4.1	If a dispute (of any kind whatsoever) arises between the Parties in connection with, or arising out of, the Contract or the execution of the Works, including any dispute as to any certificate, determination, instruction, opinion or valuation of the Project Manager, either Party may refer the dispute in writing to the DARB for its decision, with copies to the other Party and the Project Manager. Such reference shall state that it is given under this Sub-Clause.
	20.4.2	For a DARB of three persons, the DARB shall be deemed to have received such reference on the date when it is received by the chairman of the DARB.
	20.4.3	Both Parties shall promptly make available to the DARB all such additional information, further access to the Site, and appropriate facilities, as the DARB may require for the purposes of making a decision on such dispute. The DARB shall be deemed to be not acting as arbitrator(s).
	20.4.4	Within 84 days after receiving such reference, or within such other period as may be proposed by the DARB and approved by both Parties, the DARB shall give its decision, which shall be reasoned and shall state that it is given under this
	Sub-Clause. The decision shall be binding on both Parties, who shall promptly give effect to it unless and until it shall be revised in an amicable settlement, or an arbitral award as described below. Unless the Contract has already been abandoned, repudiated or terminated, the Contractor shall continue to proceed with the Works in accordance with the Contract.	
	20.4.5	If either Party is dissatisfied with the DARB's decision, then either Party may, within 28 days after receiving the decision, give notice to the other Party of its dissatisfaction and intention to commence arbitration. If the DARB fails to give its decision within the period of 84 days (or as otherwise approved) after receiving such reference, then either Party may, within 28 days after this period has expired, give notice to the other Party of its dissatisfaction and intention to commence arbitration.
	20.4.6	In either event, this notice of dissatisfaction shall state that it is given under this Sub-Clause, and shall set out the matter in dispute and the reason(s) for dissatisfaction. Except as stated in Sub-Clause 20.7 [Failure to Comply with Dispute Avoidance and Resolution Board's Decision] and Sub-Clause 20.8 [Expiry of Dispute Avoidance and Resolution Board's Appointment], neither Party shall be entitled to commence arbitration of a dispute unless a notice of dissatisfaction has been given in accordance with this Sub-Clause.

	20.4.7	If the DARB has given its decision as to a matter in dispute to both Parties, and no notice of dissatisfaction has been given by either Party within 28 days after it received the DARB's decision, then the decision shall become final and binding upon both Parties.
20.5 Amicable Settlement	20.5.1	Where notice of dissatisfaction has been given under Sub-Clause 20.4 above, both Parties shall attempt to settle the dispute amicably before the commencement of arbitration. However, unless both Parties agree otherwise, arbitration may be commenced on or after the fifty-sixth day after the day on which a notice of dissatisfaction and intention to commence arbitration was given, even if no attempt at amicable settlement has been made.
20.6 Arbitration	20.6.1	Unless indicated otherwise in the SCC , any dispute not settled amicably and in respect of which the DARB's decision (if any) has not become final and binding shall be finally settled by arbitration with proceedings conducted in accordance with the laws of the Employer's country.
	20.6.2	The arbitrators shall have full power to open up, review and revise any certificate, determination, instruction, opinion or valuation of the Project Manager, and any decision of the DARB, relevant to the dispute. Nothing shall disqualify representatives of the Parties and the Project Manager from being called as a witness and giving evidence before the arbitrators on any matter whatsoever relevant to the dispute.
	20.6.3	Neither Party shall be limited in the proceedings before the arbitrators to the evidence or arguments previously put before the DARB to obtain its decision, or to the reasons for dissatisfaction given in its notice of dissatisfaction. Any decision of the DARB shall be admissible in evidence in the arbitration.
	20.6.4	Arbitration may be commenced prior to or after completion of the Works. The obligations of the Parties, the Project Manager and the DARB shall not be altered by reason of any arbitration being conducted during the progress of the Works.
20.7 Failure to Comply with Dispute Avoidance and Resolution Board's Decision	20.7.1	In the event that a Party fails to comply with a DARB decision which has become final and binding, then the other Party may, without prejudice to any other rights it may have, refer the failure itself to arbitration under Sub-Clause 20.6 [Arbitration]. Sub-Clause 20.4 [Obtaining Dispute Avoidance and Resolution Board's Decision] and Sub-Clause 20.5 [Amicable Settlement] shall not apply to this reference.
20.8 Expiry of Dispute Avoidance and Resolution Board's Appointment	20.8.1	If a dispute arises between the Parties in connection with, or arising out of, the Contract or the execution of the Works and there is no DARB in place, whether by reason of the expiry of the DARB's appointment or otherwise: (a) Sub-Clause 20.4 [Obtaining Dispute Avoidance and Resolution Board's

		Decision] and Sub-Clause 20.5 [Amicable Settlement] shall not apply, and (b) the dispute may be referred directly to arbitration under Sub-Clause 20.6 [Arbitration].
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APPENDIX A

Environmental, Social, Health and Safety (ESHS)

Metrics for Progress Reports

[Note to Employer: the following metrics may be amended to reflect the specifics of the Contract. The Employer shall ensure that the metrics provided are appropriate for the Works and impacts/key issues identified in the environmental and social assessment]

Metrics for regular reporting:

- a) environmental incidents or non-compliance with contract requirements, including contamination, pollution, or damage to ground or water supplies;
- b) health and safety incidents, accidents, injuries that require treatment, and all fatalities.
- c) interactions with regulators: identify agency, dates, subjects, and outcomes (report the negative if none);
- d) status of all permits and agreements:
 - i. Work permits: number required, number received, actions taken for those not received.
 - ii. status of permits and consents:
 - list areas/facilities with permits required (quarries, asphalt & batch plants), dates of application, dates issued (actions to follow up if not issued), dates submitted to resident engineer (or equivalent), the status of the area (waiting for permits, working, abandoned without reclamation, decommissioning plan being implemented, etc.);
 - list areas with land owner agreements required (borrow and spoil areas, campsites), dates of agreements, dates submitted to resident engineer (or equivalent);
 - identify major activities undertaken in each area in the reporting period and highlight environmental and social protection (land clearing, boundary marking, topsoil salvage, traffic management, decommissioning planning, decommissioning implementation);
 - for quarries: status of relocation and compensation (completed, or details of activities and current status in the reporting period).
- e) health and safety supervision:
 - i. safety officer: number days worked, number of full inspections & partial inspections, reports to construction/project management;
 - ii. number of workers, work hours, metric of PPE use (percentage of workers with full personal protection equipment (PPE), partial, etc.), worker violations observed (by type of violation, PPE or otherwise), warnings given, repeat warnings given, follow-up actions taken (if any);
- f) worker accommodations:
 - i. number of expats housed in accommodations, number of locals;
 - ii. date of last inspection, and highlights of inspection including status of accommodations' compliance with national and local law and good practice, including sanitation, space, etc.;

- iii. actions taken to recommend/require improved conditions, or to improve conditions.
- g) Health services: provider of health services, information and/or training, location of clinic, number of non-safety disease or illness treatments and diagnoses (no names to be provided);
- h) gender (for expats and locals separately): number of female workers, percentage of workforce, gender issues raised and dealt with (cross-reference grievances or other sections as needed);
 - i. training:
 - ii. number of new workers, number receiving induction training, dates of induction training;
 - iii. number and dates of toolbox talks, number of workers receiving Occupational Health and Safety (OHS), environmental and social training;
 - iv. number and dates of communicable diseases (including STDs) sensitization and/or training, no. workers receiving training (in the reporting period and in the past); same questions for gender sensitization, flag person training.
 - v. number and date of SEA and SH prevention sensitization and/or training events, including number of workers receiving training on Code of Conduct for Contractor's Personnel (in the reporting period and in the past), etc.
- i) environmental and social supervision:
 - i. environmentalist: days worked, areas inspected and numbers of inspections of each (road section, work camp, accommodations, quarries, borrow areas, spoil areas, swamps, forest crossings, etc.), highlights of activities/findings (including violations of environmental and/or social best practices, actions taken), reports to environmental and/or social specialist/construction/site management;
 - ii. sociologist: days worked, number of partial and full site inspections (by area: road section, work camp, accommodations, quarries, borrow areas, spoil areas, clinic, HIV/AIDS center, community centers, etc.), highlights of activities (including violations of environmental and/or social requirements observed, actions taken), reports to environmental and/or social specialist/construction/site management; and
 - iii. community liaison person(s): days worked (hours community center open), number of people met, highlights of activities (issues raised, etc.), reports to environmental and/or social specialist /construction/site management.
- j) Grievances: list new grievances (e.g. number of allegations of SEA and SH) received in the reporting period and number of unresolved past grievances by date received, complainant's age and sex, how received, to whom referred to for action, resolution and date (if completed), data resolution reported to complainant, any required follow-up (Cross-reference other sections as needed).
 - i. Worker grievances;
 - ii. Community grievances
- k) Traffic, road safety and vehicles/equipment:
 - i. traffic and road safety incidents and accidents involving project vehicles & equipment: provide date, location, damage, cause, follow-up;
 - ii. traffic and road safety incidents and accidents involving non-project vehicles or property (also reported under immediate metrics): provide date, location, damage, cause, follow-up;
 - iii. overall condition of vehicles/equipment (subjective judgment by environmentalist); non-routine repairs and maintenance needed to improve safety and/or environmental performance (to control smoke, etc.).

l) Environmental mitigations and issues (what have been done):

- i. dust:** number of workingbowzers, number of waterings/day, number of complaints, warnings given by environmentalist, actions taken to resolve; highlights of quarry dust control(covers, sprays, operational status); % of rock/spoil lorries with covers, actions taken for uncovered vehicles;
- ii. erosion control:** controls implemented by location, status of water crossings, environmentalist inspections and results, actions taken to resolve issues, emergency repairs needed to control erosion/sedimentation;
- iii. quarries, borrow areas, spoilareas, asphalt plants, batch plants:** identify major activities undertaken in the reporting period at each, and highlights of environmental and social protection: land clearing, boundary marking, top soil salvage, traffic management,decommissioning planning, decommissioning implementation;
- iv. blasting:** number of blasts (and locations), status of implementation of blasting plan (including notices,evacuations, etc.), incidents of off-site damage or complaints (cross-reference other sections as needed);
- v. spill cleanups, if any:**material spilled, location, amount, actions taken, material disposal (report all spills that result in water or soil contamination);
- vi. waste management:** types and quantities generated and managed, including amount taken offsite (and by whom)or reused/recycled/disposed on-site;
- vii. details of tree plantings andother mitigations required undertaken in the reporting period;**
- viii. details of water and swamp protection mitigations required undertaken in the reporting period.**

m) compliance:

- i. compliance status for conditions of all relevant consents/permits, for the Work, including quarries,etc.):** statement of compliance or listing of issues and actions taken (or to be taken) to reach compliance;
- ii. compliance status ofC-ESMP/ESIP requirements:** statement of compliance or listing of issues andactions taken (or to be taken) to reach compliance
- iii. compliance status of SEA and SH prevention and response action plan:** statement of compliance or listing ofissues and actions taken (or to be taken) to reach compliance
- iv. compliance status of Health and Safety Management Plan re:** statement of compliance or listing of issues andactions taken (or to be taken) to reach compliance
- v. other unresolved issues from previous reporting periods related to environmental and social:** continued violations, continued failure of equipment, continued lack of vehicle covers, spills not dealt with, continued compensation or blasting issues, etc. Cross-reference other sections as needed.

APPENDIX B

A General Conditions of Dispute Avoidance and Resolution Board Agreement

1. Definitions

Each "Dispute Avoidance and Resolution Board Agreement" is a tripartite agreement by and between:

- (a) the "Employer";
- (b) the "Contractor"; and
- (c) the "Member" who is defined in the Dispute Avoidance and Resolution Board Agreement as being
 - i). the sole member of "Dispute Avoidance and Resolution Board" and, where this is the case, all references to the "Other Members" do not apply, or
 - ii). one of the three persons who are jointly called the "DARB" (or "Dispute Avoidance and Resolution Board") and, where this is the case, the other two persons are called the "Other Members."

The Employer and the Contractor have entered (or intend to enter) into a contract, which is called the "Contract" and is defined in the Dispute Avoidance and Resolution Board Agreement, which incorporates this Appendix. In the DARB Agreement, words and expressions that are not otherwise defined shall have the meanings assigned to them in the Contract.

2. General Provisions

Unless otherwise stated in the DARB Agreement, it shall take effect on the latest of the following dates:

- (a) the Commencement Date defined in the Contract,
- (b) when the Employer, the Contractor, and the Member have each signed the DARB Agreement, or
- (c) when the Employer, the Contractor, and each of the Other Members (if any) have respectively signed a Dispute Avoidance and Resolution Board agreement.

This employment of the Member is a personal appointment. At any time, the Member may give not less than 70 days' notice of resignation to the Employer and to the Contractor, and the Dispute Agreement shall terminate upon the expiry of this period.

3. Warranties

The Member warrants and agrees that he/she is and shall be impartial and independent of the Employer, the Contractor and the Project Manager. The Member shall promptly disclose, to each of them and to the Other Members (if any), any fact or circumstance which might appear inconsistent with his/her warranty and agreement of impartiality and independence.

When appointing the Member, the Employer and the Contractor relied upon the Member's representations that he/she is:

- (a) experienced in the work which the Contractor is to carry out under the Contract,
- (b) experienced in the interpretation of contract documentation, and
- (c) fluent in the language for communications defined in the Contract.

4. General Obligations of the Member

The Member shall:

- (a) have no interest financial or otherwise in the Employer, the Contractor or Project Manager, nor any financial interest in the Contract except for payment under the DARB Agreement;
- (b) not previously have been employed as a consultant or otherwise by the Employer, the Contractor or the Project Manager, except in such circumstances as were disclosed in writing to the Employer and the Contractor before they signed the DARB Agreement;
- (c) have disclosed in writing to the Employer, the Contractor and the Other Members

(if any), before entering into the DARB Agreement and to his/her best knowledge and recollection, any professional or personal relationships with any director, officer or employee of the Employer, the Contractor or the Project Manager, and any previous involvement in the overall project of which the Contract forms part;

- (d) not, for the duration of the DARB Agreement, be employed as a consultant or otherwise by the Employer, the Contractor or the Project Manager, except as may be agreed in writing by the Employer, the Contractor and the Other Members (if any);
- (e) comply with the annexed procedural rules and with Sub- Clause 20.4 of the Conditions of Contract;
- (f) not give advice to the Employer, the Contractor, the Employer's Personnel or the Contractor's Personnel concerning the conduct of the Contract, other than in accordance with the annexed procedural rules;
- (g) not while a Member enter into discussions or make any agreement with the Employer, the Contractor or the Project Manager regarding employment by any of them, whether as a consultant or otherwise, after ceasing to act under the DARB Agreement;
- (h) ensure his/her availability for all site visits and hearings as are necessary;
- (i) become conversant with the Contract and with the progress of the Works (and of any other parts of the project of which the Contract forms part) by studying all documents received which shall be maintained in a current working file;
- (j) treat the details of the Contract and all the DARB's activities and hearings as private and confidential, and not publish or disclose them without the prior written consent of the Employer, the Contractor and the Other Members (if any); and
- (k) be available to give advice and opinions, on any matter relevant to the Contract when requested by both the Employer and the Contractor, subject to the agreement of the Other Members (if any).

5. General Obligations of the Employer and the Contractor

The Employer, the Contractor, the Employer's Personnel and the Contractor's Personnel shall not request advice from or consultation with the Member regarding the Contract, otherwise than in the normal course of the DARB's activities under the Contract and the DARB Agreement. The Employer and the Contractor shall be responsible for compliance with this provision, by the Employer's Personnel and the Contractor's Personnel respectively.

The Employer and the Contractor undertake to each other and to the Member that the Member shall not, except as otherwise agreed in writing by the Employer, the Contractor, the Member and the Other Members (if any):

- (a) be appointed as an arbitrator in any arbitration under the Contract;
- (b) be called as a witness to give evidence concerning any dispute before arbitrator(s) appointed for any arbitration under the Contract; or

be liable for any claims for anything done or omitted in the discharge or purported discharge of the Member's functions, unless the act or omission is shown to have been in bad faith.

The Employer and the Contractor hereby jointly and severally indemnify and hold the Member harmless against and from claims from which he is relieved from liability under the preceding paragraph.

Whenever the Employer or the Contractor refers a dispute to the DARB under Sub-Clause 20.4 of the Conditions of Contract, which will require the Member to make a site visit and attend a hearing, the Employer or the Contractor shall provide appropriate security for a sum equivalent to the reasonable expenses to be incurred by

the Member. No account shall be taken of any other payments due or paid to the Member.

6. Payment

The Member shall be paid as follows, in the currency named in the DARB Agreement:

- (a) a retainer fee per calendar month, which shall be considered as payment in full for:
 - (i) being available on 28 days' notice for all site visits and hearings;
 - (ii) becoming and remaining conversant with all project developments and maintaining relevant files;
 - (iii) all office and overhead expenses including secretarial services, photocopying and office supplies incurred in connection with his duties; and
 - (iv) all services performed hereunder except those referred to in sub-paragraphs (b) and (c) of this Clause.

The retainer fee shall be paid with effect from the last day of the calendar month in which the Adjudication Panel Board Agreement becomes effective; until the last day of the calendar month in which the Taking-Over Certificate is issued for the whole of the Works. With effect from the first day of the calendar month following the month in which the Taking-Over Certificate is issued for the whole of the Works, the retainer fee shall be reduced by one third. This reduced fee shall be paid until the first day of the calendar month in which the Member resigns or the DARB Agreement is otherwise terminated.

- (b) a daily fee which shall be considered as payment in full for:

- (i) each day or part of a day up to a maximum of two days' travel time in each direction for the journey between the Member's home and the site, or another location of a meeting with the Other Members (if any);
 - (ii) each working day on Site visits, hearings or preparing decisions; and
 - (iii) each day spent reading submissions in preparation for a hearing.
- (c) all reasonable expenses including necessary travel expenses (air fare in less than first class, hotel and subsistence and other direct travel expenses) incurred in connection with the Member's duties, as well as the cost of telephone calls, courier charges, faxes and telexes: a receipt shall be required for each item in excess of five percent of the daily fee referred to in sub-paragraph (b) of this Clause; any taxes properly levied in the Country on payments made to the Member (unless a national or permanent resident of the Country) under this Clause 6.

The retainer and daily fees shall be as specified in the DARB Agreement. Unless it specifies otherwise, these fees shall remain fixed for the first 24 calendar months, and shall thereafter be adjusted by agreement between the Employer, the Contractor and the Member, at each anniversary of the date on which the DARB Agreement became effective.

If the parties fail to agree on the retainer fee or the daily fee, the appointing entity or official named in the SCC shall determine the amount of the fees to be used.

The Member shall submit invoices for payment of the monthly retainer and air fares quarterly in advance. Invoices for other expenses and for daily fees shall be submitted following the conclusion of a site visit or hearing. All invoices shall be accompanied by a brief description of activities performed during the relevant period and shall be addressed to the Contractor.

The Contractor shall pay each of the Member's invoices in full within 56 calendar

days after receiving each invoice and shall apply to the Employer (in the Statements under the Contract) for reimbursement of one-half of the amounts of these invoices. The Employer shall then pay the Contractor in accordance with the Contract.

If the Contractor fails to pay to the Member the amount to which he/she is entitled under the DARB Agreement, the Employer shall pay the amount due to the Member and any other amount which may be required to maintain the operation of the DARB; and without prejudice to the Employer's rights or remedies. In addition to all other rights arising from this default, the Employer shall be entitled to reimbursement of all sums paid in excess of one-half of these payments, plus all costs of recovering these sums and financing charges calculated at the rate specified in Sub-Clause 14.8 of the Conditions of Contract.

If the Member does not receive payment of the amount due within 70 days after submitting a valid invoice, the Member may (i) suspend his/her services (without notice) until the payment is received, and/or (ii) resign his/her appointment by giving notice under Clause 7.

7. Termination

At any time: (i) the Employer and the Contractor may jointly terminate the DARB Agreement by giving 42 days' notice to the Member; or (ii) the Member may resign as provided for in Clause 2.

If the Member fails to comply with the DARB Agreement, the Employer and the Contractor may, without prejudice to their other rights, terminate it by notice to the Member. The notice shall take effect when received by the Member.

If the Employer or the Contractor fails to comply with the DARB Agreement, the Member may, without prejudice to his other rights, terminate it by notice to the Employer and the Contractor. The notice shall take effect when received by them both.

Any such notice, resignation and termination shall be final and binding on the Employer, the Contractor and the Member. However, a notice by the Employer or the Contractor, but not by both, shall be of no effect.

8. Default of the Member

If the Member fails to comply with any of his obligations under Clause 4 (a) - (d) above, he shall not be entitled to any fees or expenses hereunder and shall, without prejudice to their other rights, reimburse each of the Employer and the Contractor for any fees and expenses received by the Member and the Other Members (if any), for proceedings or decisions (if any) of the DARB which are rendered void or ineffective by the said failure to comply. If the Member fails to comply with any of his obligations under Clause 4 (e) - (k) above, he shall not be entitled to any fees or expenses hereunder from the date and to the extent of the non-compliance and shall, without prejudice to their other rights, reimburse each of the Employer and the Contractor for any fees and expenses already received by the Member, for proceedings or decisions (if any) of the DARB which are rendered void or ineffective by the said failure to comply.

9. Disputes

Any dispute or claim arising out of or in connection with this DARB Agreement, or the breach, termination or invalidity thereof, shall be finally settled by Arbitration.

PROCEDURAL RULES

Unless otherwise agreed by the Employer and the Contractor, the DARB shall visit the site at intervals of not more than 140 days, including times of critical construction events, at the request of either the Employer or the Contractor. Unless otherwise agreed by the Employer, the Contractor and the DARB, the period between consecutive visits shall not be less than 70 days, except as required to convene a hearing as described below.

The timing of and agenda for each site visit shall be as agreed jointly by the DARB, the Employer and the Contractor, or in the absence of agreement, shall be decided by the DARB. The purpose of site visits is to enable the DARB to become and remain acquainted with the progress of the Works and of any actual or potential problems or claims, and, as far as reasonable, to endeavour to prevent potential problems or claims from becoming disputes.

Site visits shall be attended by the Employer, the Contractor and the Project Manager and shall be co-ordinated by the Employer in co-operation with the Contractor. The Employer shall ensure the provision of appropriate conference facilities and secretarial and copying services. At the conclusion of each site visit and before leaving the site, the DARB shall prepare a report on its activities during the visit and shall send copies to the Employer and the Contractor.

The Employer and the Contractor shall furnish to the DARB one copy of all documents which the DARB may request, including Contract documents, progress reports, variation instructions, certificates and other documents pertinent to the performance of the Contract. All communications between the DARB and the Employer or the Contractor shall be copied to the other Party. If the DARB comprises three persons, the Employer and the Contractor shall send copies of these requested documents and these communications to each of these persons.

If any dispute is referred to the DARB in accordance with Sub-Clause 20.4 of the Conditions of Contract, the DARB shall proceed in accordance with Sub-Clause 20.4 and these Rules. Subject to the time allowed to give notice of a decision and other relevant factors, the DARB shall:

- (a) act fairly and impartially as between the Employer and the Contractor, giving each of them a reasonable opportunity of putting his case and responding to the other's case, and
- (b) adopt procedures suitable to the dispute, avoiding unnecessary delay or expense.

The DARB may conduct a hearing on the dispute, in which event it will decide on the date and place for the hearing and may request that written documentation and arguments from the Employer and the Contractor be presented to it prior to or at the hearing.

Except as otherwise agreed in writing by the Employer and the Contractor, the DARB shall have power to adopt an inquisitorial procedure, to refuse admission to hearings or audience at hearings to any persons other than representatives of the Employer, the Contractor and the Project Manager, and to proceed in the absence of any party who the DARB is satisfied received notice of the hearing; but shall have discretion to decide whether and to what extent this power may be exercised.

The Employer and the Contractor empower the DARB, among other things, to:

- (a) establish the procedure to be applied in deciding a dispute,
- (b) decide upon the DARB's own jurisdiction, and as to the scope of any dispute referred to it,
- (c) conduct any hearing as it thinks fit, not being bound by any rules or procedures other than those contained in the Contract and these Rules,
- (d) take the initiative in ascertaining the facts and matters required for a decision,

- (e) make use of its own specialist knowledge, if any,
- (f) decide upon the payment of financing charges in accordance with the Contract,
- (g) decide upon any provisional relief such as interim or conservatory measures, and
- (h) open up, review and revise any certificate, decision, determination, instruction, opinion or valuation of the Project Manager, relevant to the dispute.

The DARB shall not express any opinions during any hearing concerning the merits of any arguments advanced by the Parties. Thereafter, the DARB shall make and give its decision in accordance with Sub-Clause 20.4, or as otherwise agreed by the Employer and the Contractor in writing. If the DARB comprises three persons:

- (a) it shall convene in private after a hearing, in order to have discussions and prepare its decision;
- (b) it shall endeavour to reach a unanimous decision: if this proves impossible the applicable decision shall be made by a majority of the Members, who may require the minority Member to prepare a written report for submission to the Employer and the Contractor; and
- (c) if a Member fails to attend a meeting or hearing, or to fulfil any required function, the other two Members may nevertheless proceed to make a decision, unless:
 - (i) either the Employer or the Contractor does not agree that they do so, or
 - (ii) the absent Member is the chairman and he/she instructs the other Members not to make a decision.

SECTION IX: SPECIAL CONDITIONS OF CONTRACT

SECTION IX: SPECIAL CONDITIONS OF CONTRACT

The following Special Conditions of Contract (SCC) shall supplement the General Conditions of the Contract (GCC). Whenever there is a conflict, the provisions herein shall prevail over those in the GCC. Except where otherwise indicated, all SCC should be filled in by the Employer prior to issuance of the Tendering Documents. Schedules and reports to be provided by the Employer should be annexed.

SCC. No.	Conditions	Sub-Clause	Description/Data
1.	Employer's name and address	1.1.2 & 1.3	RUNGWE DISTRICT COUNCIL 148, Tukuyu
2.	Project Manager's name and address	1.1.2 & 1.3	Name of Project Manager: DISTRICT ENGINEER Address of the Project Manager: P.O.BOX. 148 TUKUYU
3.	Time for Completion	1.1.3	240 Days from commencement date.
4.	Defects Notification Period	1.1.3	The defects Notification period: 7 Days.
5.	Sections of the Works and completion date	1.1.5	Not Applicable.
6	Site for the Works	1.1.6	Karasha Kiwira Ward.
7	Other documents forming part of the Contract	1.5 (j)	Not Applicable.
8	Supply of Documents	1.7	The Contractor shall supply to the Project Manager NA copies of Contractor's Documents.
9	Compliance with the Law	1.12	Not Applicable.
10	Taxes and Duties	1.13.1	Not Applicable
11	Inspections and Audits	1.15	Government.
12	Right of Access and Possession of the Site	2.1	Right of access and possession of all parts of the Site shall be within 7 days after Commencement Date.
13	Employer's approval	3.1	The Project Manager shall obtain employers approval to exercise authority on the following: Supervision And Payment.
14	Response by the Project Manager	3.1 (d)	Project Manager in response to a Contractor's request shall be notified in writing to the Contractor within 7 days.
15	Performance Security and Environmental Performance Security type	4.2 & 8.6	Performance Security - Bank Guarantee of 20.00 percent of the contract price. Environmental and Social Performance Securing Declaration.
16	Sub-contractors	4.4	Not Applicable.
17	Transport of Goods	4.16	Not Applicable.

18	Progress Reports	4.21	Not Applicable.
19	Security of the Site	4.22	Responsibility of Security of site shall be on Contractor.
20	General design obligations	5.1	Period for notifying unforeseeable errors, faults and defects in the Employer's Requirements: NA.
21	Commencement of the works	8.1	30 days.
22	Liquidated damagesfor delay of the Works	8.6 & 14.15(b)	Liquidated damages for delay of the works is 0.1 percent of the Contract Price per day.
23	Liquidated Damage	8.6	The maximum amount of liquidated damages for delay 10 percent.
24	Tests on Completion	9.1	Not Applicable.
25	Tests after Completion	12.1	NotApplicable.
26	Provisional Sums	13.5	0 percent.
27	Adjustments for Changes in Cost	13.8	Not Applicable
28	The Contract Price	14.1	Not Applicable.
29	Advance payment	14.2	The advance payment shall be 20 Percent.
30	Repayment of advance payment	14.2	5 Months.
31	Repayment amortization rate of advance payment	14.2(b)	Amortization rate of the amount of Interim Payment Certificate: 20 Percent.
32	Percentage of Retention Money	14.3	5 Percent.
33	Limit of Retention Money	14.3	5 Percent.
34	Plant and Materials	14.5(b)(i)	Not Applicable.
		14.5(c)(i)	Not Applicable.

35	Payment and Currency	14.7	The currency of payment shall be The Tanzanian Shilling.
36	Submission of Statement of Completion	14.10	Not Applicable.
37	Final Statement	14.11	Not Applicable.
38	Maximum total liability of the Contractor to the Employer	17.6	100.
39	Terms of Insurance by the Employer	18.1	NA.
40	Periods for submission of insurance:	18.1	Periods for submission of insurance is : 0 days.
41	Eligible Countries for Insurance	18.1.13	Insurers from eligible source countries listed as follows: Tanzania.
42	Insurance for Works and Equipment by the Contractor	18.2	Exceptions or other requirement for terms of insurance where the insuring party is the contractor are: APPLICABLE.
43	Maximum amount to be covered by insurance of the Employer's risks	18.2(d)	TZS 0.00.
44	Insurance against Injury to Persons and Damage to Property by the Contractor	18.3	Exceptions or other requirement for terms of insurance against Injury to Persons and Damage to Property by the Contractor where the insuring party is the contractor are:Applicable.
45	Appointing Authority of DARB	20.2	To be known after award.
46	Composition of DARB	20.3	The DARB shall be composed of: SOLE_DARB
47	International Institution and Rules of arbitration	20.5(a) (i)	Arbitration Law.
48	Place of Arbitration	20.6(a) (ii)	Mbeya.
49	Disputes with Foreign Contractors Resolved through Local Arbitration	20.6(a)	Not Applicable.

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SECTION X: CONTRACT FORMS

This Section contains forms which, once completed and submitted, will form part of the Contract. The forms for Performance Security or Securing Declaration shall be completed and submitted by the successful Tenderer before signing of the contract, and when advancepayment is required, Advance Payment Security shall be completed and submitted after contract signature. The Section also contains the Letter of Intention to Award the Contract, which shall not form part of the contract.

1. Notice of Intention to Award a Contract

[Letter head paper of the PE]

RefNo: *[insert Ref. No.]*..... Date:

To: *[name and address of the Service Provider]*

RE: NOTIFICATION OF THE INTENTION TO AWARD CONTRACTNUMBER *[insert No of contract]* **FOR** *[insert description]*

Reference is made to the above subject matter.

The submitted tenders were evaluated according to the criteria stated in the tender documents. In accordance with the requirements of Public Procurement Act, Cap 410, we announce our intention to award a contract to M/s: *(Insert the name of the firm)* for a contract price of *(insert the contract award price and currency)* and for a completion period/delivery period of *(insert the duration)*.

Your tender was not considered for award of the contract due to the following reasons¹⁰¹

- 1)
- 2)
- 3)

Be informed that, you have seven (7) working days from the date of this letter, within which to submit for administrative review any complaints you may have regarding this award decision and/or circumstances surrounding the rejection of your tender. The complaints must be in writing, clearly identifying the tender in question, detailing ground(s) of the complaint and should be submitted to *(insert the title of Accounting Officer)* through TANEPS.

We appreciate your interest in doing business with us and encourage you to participate in our future tenders.

Authorized Signature:

Name and Title of Signatory:

Name of PE:

¹⁰ ¹Insert the reasons for non-selection of the tenderer for the award of contract. The reasons given here should be those which appear in the evaluation report and which were approved by the Tender Board as justifiable reasons to turn down the offer given by the tenderer.

Letter of Acceptance

[letterhead paper of the Employer]

[date]

To: [name and address of the Contractor]

RE: **NOTIFICATION OF AWARD OF CONTRACT FOR TENDER NO.** [insert tender number] **FOR** [insert tender description]

This is to notify you that your Tender dated [date] for execution of the [name of the Contract and identification number, as given in the SCC] for the Accepted Contract Amount [amount in numbers and words] [name of currency], as corrected and modified in accordance with the Instruction to Tenderers is hereby accepted by our Procuring Entity.

In the case of Sole member of Dispute Avoidance and Resolution Board

- (a) We accept that [name proposed by Tenderer] be appointed as Sole Member of Dispute Avoidance and Resolution Board

OR

- (b) We do not accept that [name proposed by Tenderer] be appointed as Sole Member of Dispute Avoidance and Resolution Board, and by sending a copy of this letter of acceptance to [insert the name of the Appointing Authority], we are hereby requesting [name], the Appointing Authority, to appoint the Sole Member of Dispute Avoidance and Resolution Board in accordance with Clause 58.1 of the Instructions to Tenderers.¹¹

In the case of Three Members of Dispute Avoidance and Resolution Board

- (a) We accept that 1..... 2..... and 3.....
[names proposed by Tenderer] be appointed as Members of Dispute Avoidance and Resolution Board

OR

- (b) We do not accept that 1..... 2..... and 3.....
[names proposed by Tenderer] be appointed as Members of Dispute Avoidance and Resolution Board, and by sending a copy of this letter of acceptance to [insert the name of the Appointing Authority], we are hereby requesting [name], the Appointing Authority, to appoint the Members of Dispute Avoidance and Resolution Board in accordance with Clause 58.1 of the Instructions to Tenderers.¹²

¹¹ To be used only if the Contractor disagrees in the Tender with the Sole Member of DARB proposed by the Employer in the Instructions to Tenderers, and has accordingly offered another candidate. If the Employer does not accept the counterproposal, the sentence should so state, and be followed by an additional sentence: "We therefore shall request the [name of Appointing Authority] as named in the Special Conditions of Contract to appoint the Sole Member of DARB in accordance with Clause 44 of the Instructions to Tenderers."

You are requested to furnish the Performance Security and an Environmental and Social (ES) Performance Security **[Delete ES Performance Security if it is not required under the contract]** within 28 days in accordance with the Conditions of Contract, using for that purpose one of the Performance Security Forms and the ES Performance Security Form, **[Delete reference to the ES Performance Security Form if it is not required under the contract]** included in Section XI, Contract Forms, of the Tendering Documents

Authorized Signature: _____

Name and Title of Signatory: _____

Name of PE: _____

Attachment: Contract Agreement

Copy: PPRA, CAG, Office of Attorney General, GAMD, IAG, TRA and Adjudicator's Appointing Authority (where applicable).

¹² To be used only if the Contractor disagrees in the Tender with the Members of DARB proposed by the Employer in the Instructions to Tenderers, and has accordingly offered another candidate. If the Employer does not accept the counterproposal, the sentence should so state, and be followed by an additional sentence: "We therefore shall request the [*name of Appointing Authority as named in the Special Conditions of Contract*] to appoint the Members of DARB in accordance with Clause 44 of the Instructions to Tenderers."

Form of Agreement

THIS AGREEMENT (hereinafter called the "Contract") is made this [day of month] day of [insert a month], [insert a year] between [insert name and address of Employer (hereinafter called the "Employer")] and [insert name and address of Contractor] (hereinafter called the "Contractor") of the other part.

[Note: In the text below, text in brackets is optional; all notes should be deleted in final text. If the Contractor consists of more than one Entity, the above should be partially amended to read as follows:]

"[insert the name of "PE"] (hereinafter called "the Employer") and, on the other hand, a joint venture/consortium/association consisting of the following entities namely, [insert of name of entity] and [insert name of entity] and [etc.] (hereinafter called "the Contractor") each of which shall be jointly and severally liable to the Employer for all the Contractor's obligations under this Contract.

WHEREAS,

- a) the Employer desires that the Works known as **[name of the Contract]**, should be executed by the Contractor, and has accepted a Tender by the Contractor for the execution and completion of these Works and the remedying of any defects therein,
- b) the Contractor having represented to the Employer that they have the required professional skills, and personnel and technical resources, have agreed to construct the works on the terms and conditions set forth in this Contract at a contract price of [insert the figures and words and the currency];
- c) the Employer has set aside committed funds towards the cost of the works and intends to apply a portion of the proceeds of these funds to eligible payments under this Contract, it being understood that such payments will be subject, in all respects, to the terms and conditions of the Contract providing for the funds and that no party other than the Contractor shall derive any rights from the Contract providing for the funds or have any claim to the funds proceeds;
- d) the Employer invited Tenders for the works, viz., [insert brief description of works] and has accepted a Tender by the Contractor for execution of the works in the sum of [insert currency, contract price in words and figures] (hereinafter called "the Contract Price").

NOW THEREFORE, the parties hereto hereby agree as follows

1. In this Agreement words and expressions shall have the same meanings as are respectively assigned to them in the Contract documents referred to.
2. The following documents shall be deemed to form and be read and construed as part of this Agreement. This Agreement shall prevail over all other Contract documents.
 - (a) the Letter of Acceptance;
 - (b) Minutes of Negotiations (if any)
 - (c) the Form of Tender;
 - (d) the addenda Nos _____ (if any);
 - (e) the Special Conditions of Contract;
 - (f) the General Conditions of Contract;
 - (g) the Specification;
 - (h) the Drawings; and
 - (i) the completed Schedules and any other documents forming part of the contract, including, but not limited to:
 - i. the ES Management Strategies and Implementation Plans; and
 - ii. Code of Conduct for Contractor's Personnel (ES).
3. In consideration of the payments to be made by the Employer to the Contractor as specified in this Agreement, the Contractor hereby covenants with the Employer to execute the Works and to remedy defects therein in conformity in all respects with the provisions of the Contract.

4. The Employer hereby covenants to pay the Contractor in consideration of the execution and completion of the Works and the remedying of defects therein, the Contract Price or such other sum as may become payable under the provisions of the Contract at the times and in the manner prescribed by the Contract.

IN WITNESS WHEREOF the Employer and the Contractor have caused this Agreement to be duly executed by their duly authorized representatives the day and year first above written.

SIGNED, SEALED AND DELIVERED FOR AND ON BEHALF OF:

THE PROCURING ENTITY

THE CONTRACTOR

Name:

Name:.....

(Authorized Representative)

(Authorized Representative)

Designation:

Designation:

Signature:

Signature:

Date:

Date:

WITNESS

WITNESS

Name:

Name:

Designation:

Designation:

Signature:

Signature:

Performance Bank Guarantee [Unconditional]

*[The **bank/successful Tenderer** providing the Guarantee shall fill in this form in accordance with the instructions indicated in brackets, if the Employer requires this type of security.]*

[insert bank's name, and address of issuing branch or office]

Beneficiary: *[insert name and address of Employer]*

Date: *[insert date]*

PERFORMANCE GUARANTEE No.: *[insert Performance Guarantee number]*

We have been informed that *[insert name of Contractor]* (hereinafter called "the Contractor") has been awarded Contract No. *[insert reference number of the Contract]* dated *[insert date]* with you, for the execution of *[insert name of Contract and brief description of Works]* (hereinafter called "the Contract").

Furthermore, we understand that, according to the conditions of the Contract, a performance guarantee is required.

At the request of the Contractor, we *[insert name of Bank]* hereby irrevocably undertake to pay you any sum or sums not exceeding in total an amount of *[insert amount in figures]* (*[insert amount in words]*), such sum being payable in the types and proportions of currencies in which the Contract Price is payable, upon receipt by us of your first demand in writing accompanied by a written statement stating that the Contractor is in breach of its obligation(s) under the Contract, without your needing to prove or to show grounds for your demand or the sum specified therein.

This guarantee shall expire no later than twenty-eight days from the date of issuance of the Taking-Over Certificate, calculated based on a copy of such Certificate which shall be provided to us, or on the *[insert number]* day of *[insert month]*, *[insert year]*, whichever occurs first. Consequently, any demand for payment under this guarantee must be received by us at this office on or before that date.

[signature(s) of an authorized representative(s) of the Bank] [seal of the Bank]

Note: *All italicized text (including footnotes) is for use in preparing this form and shall be deleted from the final product.*

Performance Bond

[The Surety/successful Tenderer providing the Bond shall fill in this form in accordance with the instructions indicated in brackets, if the Employer requires this type of security]

By this Bond, *[insert name and address of Contractor]* as Principal (hereinafter called "the Contractor") and *[insert name, legal title, and address of surety, bonding company, or insurance company]* as Surety (hereinafter called "the Surety"), are held and firmly bound unto *[insert name and address of Employer]* as Obligee (hereinafter called "the Employer") in the amount of *[insert amount of Bond]* *[insert amount of Bond in words]*, for the payment of which sum well and truly to be made in the types and proportions of currencies in which the Contract Price is payable, the Contractor and the Surety bind themselves, their heirs, executors, administrators, successors, and assigns, jointly and severally, firmly by these presents.

Whereas the Contractor has entered into a Contract with the Employer dated the *[insert number]* day of *[insert month]*, *[insert year]* for *[insert name of Contract]* in accordance with the documents, plans, specifications, and amendments thereto, which to the extent therein provided for, are by reference made part hereof and are hereinafter referred to as the Contract.

Now, therefore, the Condition of this Obligation is such that, if the Contractor shall promptly and faithfully perform the said Contract (including any amendments thereto), then this obligation shall be null and void; otherwise, it shall remain in full force and effect. Whenever the Contractor shall be, and declared by the Employer to be, in default under the Contract, the Employer having performed the Employer's obligations thereunder, the Surety may promptly remedy the default, or shall promptly:

- (1) complete the Contract in accordance with its terms and conditions; or
- (2) obtain a Tender or Tenders from qualified Tenderers for submission to the Employer for completing the Contract in accordance with its terms and conditions, and upon determination by the Employer and the Surety of the lowest responsive Tenderer, arrange for a Contract between such Tenderer and Employer and make available as work progresses (even though there should be a default or a succession of defaults under the Contractor Contracts of completion arranged under this paragraph) sufficient funds to pay the cost of completion less the balance of the Contract Price; but not exceeding, including other costs and damages for which the Surety may be liable hereunder, the amount set forth in the first paragraph hereof. The term "Balance of the Contract Price," as used in this paragraph, shall mean the total amount payable by the Employer to the Contractor under the Contract, less the amount properly paid by the Employer to the Contractor; or
- (3) pay the Employer the amount required by the Employer to complete the Contract in accordance with its terms and conditions up to a total not exceeding the amount of this Bond.

The Surety shall not be liable for a greater sum than the specified penalty of this Bond.

Any suit under this Bond must be instituted before the expiration of one year from the date of issuance of the Certificate of Completion.

No right of action shall accrue on this Bond to or for the use of any person or corporation other than the Employer named herein or the heirs, executors, administrators, successors, and assigns of the Employer.

In testimony whereof, the Contractor has hereunto set its hand and affixed its seal, and the Surety has caused these presents to be sealed with its corporate seal duly attested by the signature of its legal representative, this *[insert day]* day of *[insert month]*, *[insert year]*.

Signed by *[insert signature(s) of authorized representative(s)]*
on behalf of *[name of Contractor]* in the capacity of *[insert title(s)]*

In the presence of *[insert name and signature of witness]*
Date *[insert date]*

Signed by *[insert signature(s) of authorized representative(s) of Surety]*
on behalf of *[name of Surety]* in the capacity of *[insert title(s)]*

In the presence of *[insert name and signature of witness]*
Date *[insert date]*

Environmental and Social (ES) Performance Security
ES Demand Guarantee

[Guarantor letterhead or SWIFT identifier code]

Beneficiary: *[insert name and Address of Employer]*

Date: *_ [Insert date of issue]*

ES PERFORMANCE GUARANTEE No.: *[Insert guarantee reference number]*

Guarantor: *[Insert name and address of place of issue, unless indicated in the letterhead]*

We have been informed that _____ (hereinafter called "the Applicant") has entered into Contract No. _____ dated _____ with the Beneficiary, for the execution of _____ (hereinafter called "the Contract").

Furthermore, we understand that, according to the conditions of the Contract, a performance guarantee is required.

At the request of the Applicant, we as Guarantor, hereby irrevocably undertake to pay the Beneficiary any sum or sums not exceeding in total an amount of _____ (¹), such sum being payable in the types and proportions of currencies in which the Contract Price is payable, upon receipt by us of the Beneficiary's complying demand supported by the Beneficiary's statement, whether in the demand itself or in a separate signed document accompanying or identifying the demand, stating that the Applicant is in breach of its Environmental and/or Social, (ES) obligation(s) under the Contract, without the Beneficiary needing to prove or to show grounds for your demand or the sum specified therein.

This guarantee shall expire, no later than the Day of, 2... ², and any demand for payment under it must be received by us at this office indicated above on or before that date.

Yours truly,

Signature and seal: _____

Name of Bank/Financial Institution: _____

Address: _____

Date: _____

¹ The Guarantor shall insert an amount representing the percentage of the Accepted Contract Amount specified in the Letter of Acceptance, less provisional sums, if any, and denominated either in the currency (ies) of the Contract or a freely convertible currency acceptable to the Beneficiary.

² Insert the date twenty-eight days after the expected completion date as described in GC Clause 11.9. The Employer should note that in the event of an extension of this date for completion of the Contract, the Employer would need to request an extension of this guarantee from the Guarantor. Such request must be in writing and must be made prior to the expiration date established in the guarantee. In preparing this guarantee, the Employer might consider adding the following text to the form, at the end of the penultimate paragraph: "The Guarantor agrees to a one-time extension of this guarantee for a period not to exceed [six months] [one year], in response to the Beneficiary's written request for such extension, such request to be presented to the Guarantor before the expiry of the guarantee."

Retention Money Security Demand

Guarantee

[Guarantor letterhead or SWIFT identifier code]

Beneficiary: [Insert name and Address of Employer]

Date: [Insert date of issue]

RETENTION MONEY GUARANTEE No.: [Insert guarantee reference number]

Guarantor: [Insert name and address of place of issue, unless indicated in the letterhead]

We have been informed that [insert name of Contractor, which in the case of a joint venture shall be the name of the joint venture] (hereinafter called "the Applicant") has entered into Contract No. [insert reference number of the contract] dated with the Beneficiary, for the execution of [insert name of contract and brief description of Works] (hereinafter called "the Contract").

Furthermore, we understand that, according to the conditions of the Contract, the Beneficiary retains moneys up to the limit set forth in the Contract ("the Retention Money"), and that when the Taking-Over Certificate has been issued under the Contract and the first half of the Retention Money has been certified for payment, payment of [insert] the second half of the Retention Money or if the amount guaranteed under the Performance Guarantee when the Taking-Over Certificate is issued is less than half of the Retention Money, the difference between half of the Retention Money and the amount guaranteed under the Performance Security and, if required, the ES Performance Security is to be made against a Retention Money guarantee.

At the request of the Applicant, we, as Guarantor, hereby irrevocably undertake to pay the Beneficiary any sum or sums not exceeding in total an amount of [insert amount in figures] () [amount in words]¹ upon receipt by us of the Beneficiary's complying demand supported by the Beneficiary's statement, whether in the demand itself or in a separate signed document accompanying or identifying the demand, stating that the Applicant is in breach of its obligation(s) under the Contract, without your needing to prove or show grounds for your demand or the sum specified therein.

¹ The Guarantor shall insert an amount representing the amount of the second half of the Retention Money or if the amount guaranteed under the Performance Guarantee when the Taking-Over Certificate is issued is less than half of the Retention Money, the difference between half of the Retention Money and the amount guaranteed under the Performance Security and denominated either in the currency(ies) of the second half of the Retention Money as specified in the Contract, or in a freely convertible currency acceptable to the Beneficiary.

A demand under this guarantee may be presented as from the presentation to the Guarantor of a certificate from the Beneficiary's bank stating that the second half of the Retention Money as referred to above has been credited to the Applicant on its account number

at [insert name and address of Applicant's bank].

This guarantee shall expire no later than the day of, 2...², and any demand for payment under it must be received by us at the office indicated above on or before that date.

Yours truly,

Signature and seal: Name of Bank/Financial Institution: Address: Date:

Note: All italicized text (including footnotes) is for use in preparing this form and shall be deleted from the final product.

² Insert the same expiry date as set forth in the performance security, representing the date twenty-eight days after the completion date described in GCC Clause 11.9. The Employer should note that in the event of an extension of this date for completion of the Contract, the Employer would need to request an extension of this guarantee from the Guarantor. Such request must be in writing and must be made prior to the expiration date established in the guarantee. In preparing this guarantee, the Employer might consider adding the following text to the form, at the end of the penultimate paragraph: "The Guarantor agrees to a one-time extension of this guarantee for a period not to exceed [six months] [one year], in response to the Beneficiary's written request for such extension, such request to be presented to

the Guarantor before the expiry of the guarantee.”