

UNITED REPUBLIC OF TANZANIA

DAR ES SALAAM WATER SUPPLY AND SANITATION AUTHORITY



CONTRACT NO:

No: AE/033/2021-2022/W/35

FOR

CONSTRUCTION OF GROUND WATER RESERVOIR, RAISING MAIN BOOSTING STATION,
STORAGE SUMP AND WATER SUPPLY SCHEME AT MSHIKAMANO AREA

BETWEEN

DAR ES SALAAM WATER SUPPLY AND SANITATION AUTHORITY
(DAWASA)
(THE EMPLOYER)

AND

M/s ADVENT COSTRUCTION COMPANY LIMITED
(THE CONTRACTOR)
VOLUME I

DATE 3rd October, 2021

[Handwritten signatures]

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**SECTION I:
FORM OF CONTRACT**

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FORM OF CONTRACT

This Contract is made the 3rd day of October, 2021

BETWEEN

THE DAR ES SALAAM WATER SUPPLY AND SANITATION AUTHORITY (DAWASA), a legal entity established under the Water Supply and Sanitation Act No. 5 of 2019 for provision of water supply and sanitation services in Dar es Salaam and some parts of Coast Region, Morogoro Rural and Handeni district, having its physical address at Dunga/Malanga street opposite Mwananyamala Hospital, P.O. Box 1573, Dar Es Salaam-Tanzania (hereinafter called "the **Employer/Client**") on the one hand;

And

M/s ADVENT CONSTRUCTION COMPANY LIMITED, a company registered under the Laws of Tanzania for Civil Works Contractors, having its physical address at Mikocheni, Kinondoni P.O. Box 8702 Dar es Salaam, (hereinafter called "**the Contractor**") on the other part.

The Employer/Client and the Contractor shall collectively and jointly be called as "**Parties**".

WHEREAS

- a. The Employer through the invitation of quotation has requested the Contractor to provide the Construction of ground water reservoir, raising main boosting station, storage sump and water supply scheme at Mshikamano as stipulated under the terms and conditions set forth in this Contract (hereinafter called the "**Works**");
- b. The Employer through the Letter of Acceptance with **Ref. No. DAWASA/PR/4/MSH/04** dated 28 September, 2021 has accepted a bid by the Contractor for Construction of ground water reservoir, raising main boosting station, storage sump and water supply scheme at Mshikamano Area for the sum of Tanzanian Shillings Four Billion Eight Hundred Fifty Two Million Seven Hundred Thousand Seventy Nine Thousand Nine

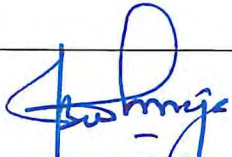


Hundred Forty Three and Fifty cents (TZS 4,852,779,943.50) VAT exclusive (hereinafter referred to as "**the Contract Price**").

NOW THIS AGREEMENT WITNESS AS FOLLOWS:

1. In this Agreement words and expressions shall have the same meanings as are respectively assigned to them in the Conditions of Contract hereinafter referred to.
2. The following documents shall be deemed to form and be read and construed as part of this Contract, and shall be taken as complementary and mutually explanatory of one another but in case of ambiguities or discrepancies shall take precedence in the order set out below:
 - i) **Section I:** Form of Contract;
 - ii) **Section II:** Letter of Acceptance;
 - iii) **Section III:** Tender Submission form
 - iv) **Section IV:** Power of Attorney;
 - v) **Section V:** General Condition of Contract;
 - vi) **Section VI:** Special Condition;
 - vii) **Section VII:** Technical Specification;
 - viii) **Section VIII:** Bill of Quantity
 - ix) **Section IX:** Minutes of Contract Negotiation;
 - x) **Section X:** Anti-bribery Memorandum
3. In consideration of the payments to be made by the Employer to the Contractor as hereinafter mentioned, the Contractor hereby covenants with the Client to execute and complete the works in conformity, in all respects, with the provisions of the Contract.
4. The Client hereby covenants to pay the Contractor in consideration of the execution and completion of the works, the sum of Tanzanian Shillings Four Billion Eight Hundred Fifty Two Million Seven Hundred Thousand Seventy Nine Thousand Nine Hundred Forty Three and Fifty cents (TZS 4,852,779,943.50) VAT exclusive hereinafter referred to as the "Contract Price", at the times and in the manner prescribed by the Contract.

Two handwritten signatures in black ink, one on the left and one on the right, positioned at the bottom right of the page.

IN WITNESS whereof, the parties hereto have set their hands and seals on the day and year first above written.

SIGNED FOR AND ON BEHALF OF THE EMPLOYER: DAR ES SALAAM WATER AND SEWERAGE AUTHORITY (DAWASA)	ON BEHALF OF THE CONTRACTOR: (M/S ADVENT CONSTRUCTION COMPANY LIMITED
Signature: 	Signature: 
Name: Eng. Cyprinus John Kulemy	Name: Dhruv Jog
DATE: 03/10/2021	DATE: 03/10/2021
Title: CEO	Title: Managing
In the presence of:	In presence of:
Signature: 	Signature: 
Name: Florence S. Yamat	Name: TAMISH JOO
Title: Director of Legal Services	Title: TECHNICAL DIRECTOR
DATE: 3rd October 2021	

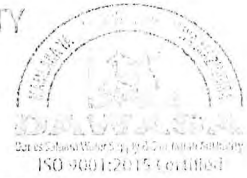
SECTION II:
LETTER OF ACCEPTANCE

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DAR ES SALAAM WATER SUPPLY AND SANITATION AUTHORITY

ISO 9001:2015 Certified

DAWASA Building, Dunga/Malanga Road, Mwananyamala Area
P.O. Box 1573, Dar es Salaam-Tanzania | Tel +255 22 2760006/+ 255 22 2760015
Fax: +255 22 2762480 | Email: ceo@dawasa.go.tz | Website: www.dawasa.go.tz
info@dawasa.co.tz / 0800110064 / *150-00# (Dure)



OUR REF: DAWASA/PU/MSH/04

DATE: 28th September, 2021

M/s Advent Construction Ltd
P.O. Box 8702,
Dar es Salaam
Email: info@adventconstructions.com

RE: TENDER FOR CONSTRUCTION OF GROUND WATER RESERVOIR, RAISING MAIN,
BOOSTING STATION, STORAGE SUMP AND WATER SUPPLY SCHEME AT
MSHIKAMANO, TENDER NO. AE/033/2021-2022/W/35

Sub: Letter of Acceptance.

This is to notify you that your bid dated 10th June, 2021 for the contract price of Tanzanian Shillings Four Billion Eight Hundred Fifty Two Million Seven Hundred Thousand Seventy Nine Nine Hundred Fourty Three and Fifty cents (TZS 4,852,779,943.50) VAT exclusive as corrected and modified in accordance with the instructions to bidders is hereby accepted by our Authority.

You are required commence the contract Fourteen (14) days after site handover and receipt of VAT exemption.

Pursuant to SCC Clause 25 of the contract, you are required to submit Performance Security, 10% of contract price in a form of unconditional bank guarantee issued by reputable bank located in the United Republic of Tanzania within Seven (7) days after signing the contract.

Eng. Cyprian Luhemeja
CHIEF EXECUTIVE OFFICER

**SECTION III:
CONTRACTOR'S SUBMISSION FORM.**

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FORM OF TENDER

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Form of Tender

10th August, 2021

To:
Chief Executive Officer,
Dar es salaam Water Supply and Sanitation Authority (DAWASA),
P.O. Box 1573,
Dar es salaam

We offer to execute CONSTRUCTION OF GROUND WATER RESERVOIR, RAISING MAIN, BOOSTING STATION, STORAGE SUMP AND WATER SUPPLY SCHEME AT MSHIKAMANO Tender No. AE/033/2021-2022/W/35 in accordance with the Conditions of Contract accompanying this Tender for the Contract Price of TZS 5,726,280,333.33 *Tanzanian Shillings Five Billion Seven Hundred Twenty Six Million Two Hundred Eighty Thousand Three Hundred Thirty Three and Thirty Three cents only, VAT Inclusive.*

The Contract shall be paid in the following currencies:

Currency	Percentage payable in currency	Rate of exchange: one foreign equals <i>[insert local]</i>	Inputs for which foreign currency is required
(a)	100%	1	Tanzanian Shillings
(b)	NA	NA	NA

The advance payment required is:-

Amount	Currency
(a) 858,942,050.00	Tanzanian Shillings
(b) NA	NA

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We declare that our tendering price did not involve agreements with other tenderers for the purpose of tender suppression.

We hereby confirm **Tanzania Institute of Arbitrator**, to be the Appointing Authority, to appoint the adjudicator in case of any arisen disputes in accordance with ITT 42.1 [Adjudicator]

We are not participating, as tenderers, in more than one Tender in this tendering process other than alternative tenders in accordance with the tendering documents.

We declare that, as tenderer(s) we do not have conflict of interest with reference to ITT 3.7 [Eligibility of Tenderers]

With reference to ITT 3.11 [Eligibility of Tenderers], it is our intention to subcontract approximately 0% percentage of the Tender /Contract Price, details of which are provided herein.

Our firm, its affiliates or subsidiaries, including any subcontractors or suppliers for any part of the contract has not been declared ineligible by the Revolutionary Government of the United Republic of Tanzania under Tanzania's laws or official regulations or by an act of compliance with a decision of the United Nations Security Council.

The following commissions or gratuities of fees have been paid or are to be paid by us to agents relating to this tender, and to contract execution if we are awarded the contract:-

Name and address of agent or recipient	Amount and currency	Purpose of commission or gratuity
None	None	None

(if none has been paid or is to be paid, state "none")

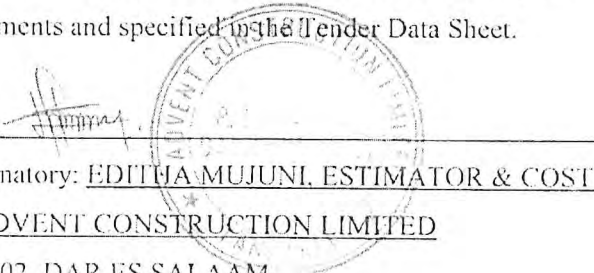
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This tender and your written acceptance of it shall constitute a binding Contract between us.

We understand that you are not bound to accept the lowest or any tender you receive.

We hereby confirm that this tender complies with the tender validity and tender security required by the tendering documents and specified in the Tender Data Sheet.

Authorized Signature: _____



Name and Title of Signatory: EDITHA MUJUNI, ESTIMATOR & COST AUDITOR.

Name of Tenderer: ADVENT CONSTRUCTION LIMITED

Address: P.O.BOX 8702, DAR ES SALAAM.

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**SECTION IV:
REGISTERED POWER OF ATTORNEY**

[Handwritten initials] *[Handwritten signature]*

STANDARD POWER OF ATTORNEY

TO ALL IT MAY CONCERN

THAT BY THIS POWER OF ATTORNEY given on the 25th day of August, 2021, WE the undersigned **ADVENT CONSTRUCTION LIMITED** of P. O. Box 8702 DAR ES SALAAM. by virtue of authority conferred to us by the Board Resolution No.6 of 25th day of August, 2021, do hereby ordain nominate and appoint **DHRUV JOG** of P.O BOX 8702 DAR ES SALAAM 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. **AE/033/2021-2022/W/35** that is to say;

To act for the company and do any other thing or things incidental for **AE/033/2021-2022/W/35** of **CONSTRUCTION OF GROUND WATER RESERVOIR, RAISING MAIN, BOOSTING STATIONS, STORAGE SUMP AND WATER SUPPLY SCHEME AT MSHIKAMANO**, for the **DAR ES SALAAM WATER SUPPLY AND SANITATION AUTHORITY**;

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 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 **ADVENT CONSTRUCTION LIMITED** and delivered in the presence of us this 25th day of August, 2021.

IN WITNESS whereof we have signed this deed on this 25th day of August, 2021 at **DAR ES SALAAM** for and on behalf of **ADVENT CONSTRUCTION LIMITED**

SEALED and DELIVERED by the Common Seal of **ADVENT CONSTRUCTION LIMITED**
This 25th day of August, 2021,

.....
DONOR

Dully appointed by authorized shareholders of **ADVENT CONSTRUCTION LIMITED**

1 NAME : ASHUTOSH JOG
POSITION : EXECUTIVE CHAIRMAN
ADDRESS : P.O.BOX 8702,
DAR ES SALAAM
SIGNATURE : *Ashutosh*

2 NAME : VEENA JOG
POSITION : DIRECTOR
ADDRESS : P.O.BOX 8702
DARES SALAAM
SIGNATURE : *Veena Jog*

BEFORE ME:

Michael Chene

.....
COMMISSIONER FOR OATH *[Signature]*



[Handwritten initials]



Acknowledgement

I DHRUV JOG doth hereby acknowledge and accept to be Attorney of the said ADVENT CONSTRUCTION LIMITED 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.

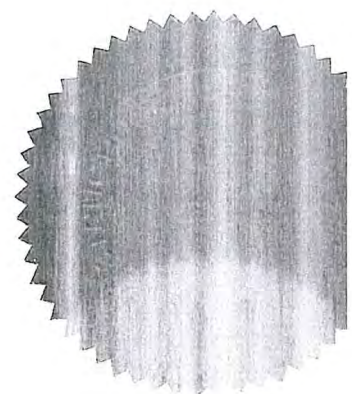
SIGNED AND DELIVERED by the said
DHRUV JOG Identified to me by
EDITHA MUJUNI
The latter known to me personally
This 25th day of August, 2021,



DONEE

BEFORE ME

MICHAEL CHANE
COMMISSIONER FOR OATHS



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**SECTION IV:
GENERAL CONDITIONS OF CONTRACT**

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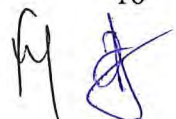
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A. General

1. Definitions	1.1	<p>The following words and expressions shall have the meanings hereby assigned to them:</p> <p>The Adjudicator is the person appointed by the appointing authority specified in the SCC, to resolve contractual disputes in the first instance, and as provided for in GCC 30 [Disputes Resolution] hereunder.</p> <p>The Arbitrator is the person appointed by the appointing authority specified in the SCC, to resolve contractual disputes, and as provided for in GCC 30 [Disputes Resolution] hereunder.</p> <p>Bill of Quantities -means the priced and completed Bill of Quantities forming part of the Tender.</p> <p>Compensation Events are those events provided for in GCC 53 [Compensation Events]</p> <p>The Completion Date is the date of completion of the Works as certified by the Project Manager, in accordance with GCC 63.1 [Completion Certificate].</p> <p>The Contract is the agreement entered between the Employer and the Contractor to execute, complete, and maintain the Works. It consists of the documents listed in GCC 2.3 [Interpretation] below.</p> <p>The Contractor is the person, whether natural or legal whose tender to carry out the Works has been accepted by the Employer.</p> <p>The Contractor's Tender is the completed Tender document submitted by the Contractor to the Employer.</p> <p>The Contract Price is the price stated in the Letter of Acceptance and thereafter as adjusted in accordance with the provisions of the Contract.</p> <p>Days are calendar days.</p> <p>Day-works are varied work inputs subject to payment on a time basis for the Contractor's employees and Equipment, in addition to payments for associated Materials and Plant.</p>
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	<p>A Defect is any part of the Works not completed in accordance with the Contract.</p> <p>The Defects Liability Certificate is the certificate issued by Project Manager upon correction of defects by the Contractor at the end of defect liability period.</p> <p>The Defects Liability Period is the period stated in the Special Conditions of Contract and calculated from the Completion Date.</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>“Effective Contract date” is the date shown in the Certificate of Contract Commencement issued by the Employer upon fulfilment of the conditions precedent stipulated in GCC 3 [Precedent Conditions].</p> <p>“The Employer” means the person named as employer in the SCC and the legal successors in title to this person.</p> <p>Equipment is the Contractor's machinery and vehicles brought to the Site to execute the Works.</p> <p>The Commencement Date is the date when the Contractor shall commence execution of the Works as specified in the Certificate of Contract Commencement. The Commencement Date may be revised by the Project Manager in consultation with the employer by issuing an extension of time.</p> <p>The Intended Completion Date is the date on which it is intended that the Contractor shall complete the Works as specified in the Special Conditions of Contract.</p> <p>Materials are all supplies, including consumables, used by the Contractor for execution of the Works.</p> <p>Months mean calendar months.</p> <p>Plant is any integral part of the Works that shall have a mechanical electrical, chemical, or biological function.</p>
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	<p>The Project Manager is the person named in the Special Conditions of Contract (or any other competent person appointed by the Employer and notified to the Contractor, to act in replacement of the Project Manager) who is responsible for supervising the execution of the Works and administering the Contract.</p> <p>The Site is the area where works are to be executed as specified in the SCC.</p> <p>Site Investigation Reports are factual and interpretative reports about the surface and subsurface conditions at the Site that were included in the Tendering documents as indicated in the SCC.</p> <p>Specification means the Specification of the Works included in the Contract and any modification or addition made or approved by the Project Manager.</p> <p>A Subcontractor is a person, whether natural or legal, who has a Contract with the Contractor to carry out a part of the work in the Contract, which includes work on the Site.</p> <p>Temporary Works are works designed, constructed, installed, and removed by the Contractor that are needed for construction or installation of the Works.</p> <p>A Variation is an instruction given by the Project Manager in consultation with the Employer, which varies the Works.</p> <p>“Force Majeure” means an unforeseeable event which is beyond reasonable control of either Party and which makes a Party’s performance of its obligations under the Contract impossible or so impractical as to be considered impossible under the circumstances. For the purposes of this Contract, “Force Majeure” means an event which is beyond the reasonable control of a Party, is not foreseeable, is unavoidable, and its origin is not due to negligence or lack of care on the part of a Party, and which makes a Party’s performance of its obligations hereunder impossible or so impractical as reasonably to be considered impossible in the circumstances and includes, but is not limited to, war, riots, civil disorder, earthquake, fire, explosion, storm, flood, epidemics, or other adverse weather conditions,</p>
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		<p>strikes, lockouts or other industrial action (except where such strikes, lockouts or other industrial action are within the power of the Party invoking Force Majeure to prevent), confiscation or any other action by Government agencies.</p> <p>The Works are what the Contract requires the Contractor to construct, install, and turn over to the Employer, as defined in the Special Conditions of Contract.</p>
2. Interpretation	2.1	In interpreting these Conditions of Contract headings and marginal notes are used for convenience only and shall not affect their interpretations unless specifically stated; references to singular include the plural and vice versa; and masculine include the feminine.. Words have their ordinary meaning under the language of the Contract unless specifically defined.
	2.2	If sectional completion is specified in the Special Conditions of Contract , references in the Conditions of Contract to the Works, the Completion Date, and the Intended Completion Date apply to any Section of the Works (other than references to the Completion Date and Intended Completion Date for the whole of the Works).
	2.3	<p>The documents forming the Contract shall be interpreted in the following order of priority:</p> <ol style="list-style-type: none"> (1) Form of Agreement, (2) Special Conditions of Contract, (3) Conditions of Contract, (4) Letter of Acceptance, (5) Certificate of Contract Commencement, (6) Specifications, (7) Drawings, (8) Bill of Quantities, (9) Contractor's Tender,

7. Communications	7.1	Communications between the Parties to the Contract shall be effective only when in writing whether in hard or electronic form that provides record of the content of the communication. A notice shall be effective only when it is delivered at the address specified in the SCC.
8. Sub contracting	8.1	The Contractor may subcontract with the approval of the Project Manager, subject to consultation with the Employer. Subcontracting shall not alter the Contractor's obligations
9. Assignment	9.1	The Contractor shall not assign the Contract without the prior written approval of the Employer.
10. Liability of Joint Venture	10.1	<p>If the Contractor constitutes a joint venture, consortium or other unincorporated grouping of two or more persons:</p> <ul style="list-style-type: none"> (a) These persons shall be jointly and severally liable to the Employer for the performance of the Contract; (b) These person shall notify the Employer of their leader who shall have the 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.
11. Other Contractors	11.1	The Contractor shall cooperate and share the Site with other contractors, public authorities, utilities, and the Employer between the dates given in the Schedule of Other Contractors, as referred to in the SCC. The Contractor shall also provide facilities and services for them as described in the Schedule. The Employer may modify the Schedule of Other Contractors, and shall notify the Contractor of any such modification.

12. Personnel	12.1	The Contractor shall employ the key personnel named in the Schedule of Key Personnel, as referred to in the SCC, to carry out the functions stated in the Schedule or other personnel approved by the Project Manager. The Project Manager will approve any proposed replacement of key personnel only if their relevant qualifications and abilities are substantially equal to or better than those of the personnel listed in the Schedule.
	12.2	If the Project Manager asks the Contractor to remove a person who is a member of the Contractor's staff or work force, stating the reasons for, the Contractor shall ensure that the person leaves the Site within seven days and has no further connection with the work in the Contract.

13. Employers and Contractor's Risks	13.1	The Employer carries the risks which this Contract states are Employer's risks, and the Contractor carries the risks which this Contract states are Contractor's risks
14. Employers Risks	14.1	<p>From the Commencement Date until the Defects Correction Certificate has been issued, the following are Employer's risks:</p> <p>(a) The risk of personal injury, death, or loss of or damage to property (excluding the Works, Plant, Materials, and Equipment), which are due to:</p> <p>(i) use or occupation of the Site for the purpose of the Works, which is the unavoidable result of the Works or</p> <p>(ii) negligence, breach of statutory duty, or interference with any legal right by the Employer or by any person employed by or contracted to him except the Contractor.</p> <p>(b) The risk of damage to the Works, Plant, Materials, and Equipment to the extent that it is due to a fault of the Employer or in the Employer's design.</p>
	14.2	<p>From the Completion Date until the Defects Correction Certificate has been issued, the risk of loss or damage to the Works, Plant, and Materials is an Employer's risk except loss or damage due to:</p> <p>(a) a Defect which existed on the Completion Date,</p> <p>(b) an event occurring before the Completion Date, which was not itself an Employer's risk, or</p> <p>(c) the activities of the Contractor on the Site after the Completion Date.</p>

15. Contractor's Risks	15.1	From the Commencement Date until the Defects Correction Certificate has been issued, the risks of personal injury, death, and loss of or damage to property (including, without limitation, the Works, Plant, Materials, and Equipment) which are not Employer's risks are Contractor's risks.
16. Insurance	16.1	<p>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 Liability Period, in the amounts and deductibles stated in the SCC for the following events which are due to the Contractor's risks:</p> <ul style="list-style-type: none"> (a) loss of or damage to the Works, Plant, and Materials; (b) loss of or damage to Equipment; (c) loss of or damage to property (except the Works, plant, Materials, and Equipment) in connection with the Contract; and (d) personal injury or death.
	16.2	Policies and certificates for insurance shall be delivered by the Contractor to the Project Manager for the Project Manager's approval before the Commencement Date. All such insurance shall provide for compensation to be payable in the types and proportions of currencies required to rectify the loss or damage incurred.
	16.3	If the Contractor does not provide any of the policies and certificates required, the Employer may effect the insurance which the Contractor should have provided and recover the premiums the Employer has paid from payments otherwise due to the Contractor or, if no payment is due, the payment of the premiums shall be a debt due.
	16.4	Alterations to the terms of an insurance shall not be made without the written approval of the Project Manager.
	16.5	Both parties shall comply with any conditions of the insurance policies.

17. Site Investigation Reports	17.1	The Contractor shall, in executing the contract, rely on Site Investigation Reports referred to in the SCC and any supplemented information available to the Contractor.
18. Queries about Implementation of the Contract	18.1	The Project Manager will clarify queries on all Contractual matters.
19. Contractor to Execute the Works	19.1	The Contractor shall execute and install the Works in accordance with the terms and conditions of the Contract.
20. Commencement and Completion of Works	20.1	The Contractor may commence execution of the Works by the Commencement Date and shall carry out the Works in accordance with the Works Program submitted by the Contractor, as updated with the approval of the Project Manager, and complete them by the Intended Completion Date.
21. Approval by the Project Manager	21.1	The Contractor shall submit Specifications and Drawings showing the proposed Temporary Works to the Project Manager, who is to approve them if they comply with the Specifications and Drawings.
	21.2	The Contractor shall be responsible for design of Temporary Works.
	21.3	The Project Manager's approval shall not alter the Contractor's responsibility for design of the Temporary Works.
	21.4	The Contractor shall obtain approval of third parties to the design of the Temporary Works, where required.
	21.5	All Drawings prepared by the Contractor for the execution of the temporary or permanent Works, are subject to prior approval by the Project Manager.
22. Protection of the environment	22.1	The Contractor shall take all reasonable steps to protect the environment and to limit damage and nuisance to people and property resulting from pollution, noise and other results of his operations.
	22.2	The Contractor shall ensure that emissions, surface discharges and effluent from his activities shall not

		exceed limits prescribed in relevant environmental laws.
23. Labour Laws	23.1	The Contractor shall comply with all the relevant labour laws applicable in the United Republic of Tanzania, including laws relating to workers employment, social security, working hours, health, safety, welfare and immigration.
	23.2	The Contractor shall require his employees to obey all applicable laws, including those concerning safety at work.
24. Taxes and Duties	24.1	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.
25. Health and Safety	25.1	The Contractor shall at all times take all reasonable precautions to maintain the health and safety of his personnel and the public as per the governing occupational, health and safety laws
	25.2	The Contractor shall ensure that first aid facilities are available at all times at the site and that suitable arrangements are made for all necessary welfare and hygiene requirements and for the prevention of epidemics
	25.3	The Contractor shall notify the Employer details of any accident as soon as practicable after its occurrence. The Contractor shall maintain records and make reports concerning health, safety, and welfare of persons, and damage to the property, as the Employer may reasonably require.
	25.4	The Contractor shall conduct an HIV-AIDS awareness programme, and shall take other such measures as specified in the SCC to reduce the risk of transfer of HIV virus between and among Contractor's personnel, the Employers Staff and the surrounding community.

26. Discoveries	26.1	Anything of historical or other interest or of significant value unexpectedly discovered on, in, or under the land at the Site shall be the property of the Employer.
	26.2	The Contractor shall notify the Project Manager of such discoveries and carry out the Project Manager's instructions for dealing with them.
	26.3	The Contractor shall take reasonable precautions to prevent his workers or any other persons from damaging such discoveries and shall immediately upon discovery thereof and before removal acquaint the Project Manager of such discovery and carry out at the expense of the Employer the instructions of the Project Manager.
27. Possession of the Site	27.1	The Employer may give possession of whole or parts of the Site to the Contractor as stated in the SCC. If possession is not given by the date stated in the SCC, the Employer will be deemed to have delayed the start of the relevant activities, and this will be a Compensation Event.
28. Access to the Site	28.1	The Contractor shall allow the Project Manager and any person authorized by the Project Manager access to the Site and to any place where work in connection with the Contract is being carried out or is intended to be carried out.
29. Instructions, inspections and audits	29.1	The contractor shall comply with instructions given by the Project Manager in writing on any matter related to the contract
	29.2	The Contractor shall permit the Government, of the United Republic of Tanzania to inspect the Contractor's 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 if so required.

<p>30. Disputes Resolution</p>	<p>30.1</p>	<p>In the event of any dispute arising out of this contract, either party shall issue a notice of dispute to settle the dispute amicably. The parties hereto shall, within twenty eight (28) days from the notice date, use their best efforts to settle the dispute amicably through mutual consultations and negotiation. Any unsolved dispute may be referred by either party to an adjudicator nominated by the appointing Authority specified in SCC.</p>
	<p>30.1</p>	<p>After the dispute has been referred to the adjudicator, within 30 days, or within such other period as may be proposed by the Parties, the Adjudicator shall give its decision. The rendered decision shall be binding to the Parties.</p>
	<p>30.2</p>	<p>If either Party is dissatisfied with the Adjudicator's decision may, within days specified in the SCC refer the dispute for arbitration. If either party within the period mentioned in the SCC has not referred the matter for arbitration the decision shall become final and binding to the Parties.</p>

	30.3	The arbitration shall be conducted in accordance with the arbitration procedure published by the Institution named and in the place shown in the SCC .
31. Fees and Costs of Adjudicator	31.1	The rate of the Adjudicator's fee and administrative costs of adjudication shall be borne equally by the Parties. The rates and costs shall be in accordance with the rules of the Appointing Authority. In conducting adjudication to its finality each party shall bear its incurred costs and expenses.
32. Replacement of Adjudicator	32.1	Should the Adjudicator resign or die, or should the Employer and the Contractor agree that the Adjudicator is not functioning in accordance with the provisions of the Contract, a new Adjudicator will be appointed by the Appointing Authority.
	32.2	In the event of disagreement between the Parties to the dispute under GCC 30.1 or GCC 30.2 above, the Adjudicator shall be appointed by the Appointing Authority stated in the Special Conditions of Contract.
33. Security of the Site	33.1	Unless otherwise stated in the SCC, (a) the Contractor shall be responsible for keeping unauthorised persons off the site, and (b) authorised persons shall be limited to the Contractor's and Employer's personnel, and to any other personnel and other Contractor notified to the Contractor by the Project Manager or Employer.
		B. Time Control
34. Program	34.1	Within the time stated in the SCC , the Contractor shall submit to the Project Manager for approval of the Work Program showing the method(s), arrangements, order and timing for all the activities of the Works.
	34.2	The Contractor shall submit to the Project Manager for approval an updated Works Program at intervals not longer than the period stated in the SCC . If the

		Contractor does not submit an updated Works Program within this period, the Project Manager may withhold the amount stated in the SCC from the next payment certificate and continue to withhold this amount until the next payment after the date on which the overdue Program has been submitted.
	34.3	An update of the Works Program shall be a program showing the actual progress achieved on each activity and the effect of the progress achieved on the timing of the remaining work, including any changes to the sequence of the activities.
	34.4	The Project Manager's approval of the Program shall not alter the Contractor's obligations. The Contractor may revise the Program and submit it to the Project Manager again at any time. A revised Program shall show the effect of Variations and Compensation Events if any.
35. Extension of the Intended Completion Date	35.1	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, which would cause the Contractor to incur additional cost.
	35.2	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 compensations event(s) or variation.
	35.3	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.

36. Acceleration	36.1	When the Employer wants the Contractor to finish the Works before the Intended Completion Date, the Project Manager will obtain priced proposals for achieving the necessary acceleration from the Contractor. If the Employer accepts the said proposals, the Intended Completion Date will be adjusted accordingly and confirmed by both the Employer and the Contractor.
	36.2	in the event the Contractor's priced proposals for acceleration of the Works are accepted by the Employer, they shall be incorporated in the Contract Price and treated as a Variation.
37. Delays Ordered by the Project Manager	37.1	The Project Manager may instruct the Contractor to delay the start or progress of any activity within the Works.
38. Management Meetings	38.1	Either the Project Manager or the Contractor may require the other to attend a management meeting. The business of a management meeting shall be to review the plans for remaining work and to deal with matters raised in accordance with the early warning procedure.
	38.2	The Project Manager shall record the business of management meetings and provide copies of the record to those attending the meeting and to the Employer. The responsibility of the parties for actions to be taken shall be decided by the Project Manager either at the management meeting or after the management meeting and stated in writing to all who attended the meeting.

39. Early Warning Notice	39.1	The Contractor shall give an early warning notice to the Project Manager at the earliest opportunity of specific likely future event(s) or circumstance(s) that may adversely affect the quality of the Works, increase the Contract Price or delay the execution of the Works. Upon receipt of the said Notice, the Project Manager may require the Contractor to provide an estimate of the expected effect of the future event(s) or circumstance(s) on the Contract Price and Intended Completion Date or Completion Date as the case may be. The estimate shall be provided by the Contractor as soon as reasonably possible.
	39.2	The Contractor shall cooperate with the Project Manager in making and considering proposals on how the effect of such an event(s) or circumstance(s) could be avoided or reduced by anyone involved in the Works and in carrying out any resulting Instruction of the Project Manager.

		C. Quality Control
40. Identifying Defects	40.1	The Project Manager shall check the Contractor's work and notify the Contractor of any Defects that are found. Such checking shall not affect the Contractor's responsibilities.
	40.2	The Project Manager may instruct the Contractor to search for a Defect and to uncover and test any work that the Project Manager considers may have a Defect.
41. Tests	41.1	The Project Manager may instruct the Contractor to carry out a test not specified in the Specification to check whether any work has a Defect and in the event the test shows that it does, the Contractor shall pay for the test and any samples thereof. If there is no Defect, the test shall be a Compensation Event.
42. Correction of Defects	42.1	The Project Manager shall give notice to the Contractor of any Defects before the end of the Defects Liability Period stated in the SCC, which begins from the Completion Date. .
43. Extension of Defect Liability Period	43.1	Every time notice of a Defect is given, the Contractor shall correct the notified Defect(s) within the period of time specified in the Project Manager's notice.
	43.2	The Defects Liability Period may be extended by the Project Manager for as long as Defects remain to be corrected.
44. Uncorrected Defects	44.1	In the event the Contractor has not corrected a Defect(s) within the time specified in the Project Manager's notice, the Project Manager will assess the cost of having the Defect corrected, including any other related cost(s) and the Contractor will pay the said cost.
		D. Cost Control

45. Bill of Quantities	45.1	The Bill of Quantities shall contain items for the construction, installation, testing, and commissioning work to be done by the Contractor.
	45.2	The Bill of Quantities is used to calculate the Contract Price. The Contractor shall be paid for the quantity of the work done at the rate in the Bill of Quantities for each item.
46. Changes in the Quantities	46.1	If the final quantity of the work done differs from the quantity in the Bill of Quantities for the particular item by more than 25 percent, provided the change exceeds 1 percent of the Initial Contract Price, the Project Manager shall adjust the rate to allow for the change.
	46.2	The Project Manager shall not adjust rates from changes in quantities if thereby the Initial Contract Price is exceeded by more than 15 percent, except with the prior approval of the Employer.
	46.3	If requested by the Project Manager, the Contractor shall provide the Project Manager with a detailed cost breakdown of any rate in the Bill of Quantities.
47. Variations	47.1	All Variations shall be included in updated Work Programs produced by the Contractor.
48. Payments for Variations	48.1	The Contractor shall provide the Project Manager with a quotation for carrying out the Variation when requested to do so by the Project Manager. The Project Manager shall assess the quotation, which shall be given within seven days of the request or within any longer period stated by the Project Manager and before the Variation is ordered.
	48.2	If the work in the Variation corresponds with an item description in the Bill of Quantities and if, in the opinion of the Project Manager, the quantity of work is not above the limit stated in GCC 44.1 [Uncorrected Defects] or the timing of its execution do not cause the cost per unit of quantity to change, the rate in the Bill of Quantities shall be used to calculate the value

		of the Variation. If the cost per unit of quantity changes, or if the nature or timing of the work in the Variation does not correspond with items in the Bill of Quantities, the quotation by the Contractor shall be in the form of new rates for the relevant items of Work.
	48.3	If the Contractor's quotation is unreasonable, the Project Manager may order the Variation and make a change to the Contract Price, which shall be based on the Project Manager's own forecast of the effects of the Variation on the Contractor's costs.
	48.4	If the Project Manager decides that the urgency of varying the work would prevent a quotation being given and considered without delaying the work, no quotation shall be given and the Variation shall be treated as a Compensation Event.
	48.5	The Contractor shall not be entitled to additional payment for costs that could have been avoided by giving early warning notice.
49. Cash Flow Forecasts	49.1	When the Works Program is updated, the Contractor shall provide the Project Manager with an updated cash flow forecast. The cash flow forecast shall include different currencies, as defined in the Contract, converted as necessary using the Contract exchange rates.
50. Payment Certificates	50.1	The Contractor shall submit to the Project Manager monthly statements of the estimated value of the work executed less the cumulative amount certified previously.
	50.2	The Project Manager shall check the Contractor's monthly statement and certify the amount to be paid to the Contractor within twenty eight (28) days from the receipt of the statement.
	50.3	The value of work executed shall be determined by the Project Manager.

	50.4	The value of work executed shall comprise the value of the quantities of the items in the Bill of Quantities completed.
	50.5	The value of work executed shall include the valuation of Variations, Compensation Events and Variation of Price.
	50.6	The Project Manager may exclude any item certified in a previous certificate or reduce the proportion of any item previously certified in any certificate in the light of later information.
	50.7	The Project Manager shall not be bound to certify any payment, if the net amount, after all retentions and deductions would be less than minimum amount of Interim Payment Certificate stated in the SCC.
51. Payments	51.1	Payments shall be adjusted for deductions for advance payments and retention. The Employer shall pay the Contractor the amounts certified by the Project Manager within 28 days of the date of each certificate. 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 Contract signature for each of the currencies in which payments are made.
	51.2	If an amount certified is increased in a later certificate or as a result of an award by the Adjudicator or an Arbitrator, the Contractor shall be paid interest upon the delayed payment as set out in this clause. Interest shall be calculated from the date upon which the increased amount would have been certified in the absence of dispute.
	51.3	Unless otherwise stated, all payments and deductions will be paid or charged in the proportions of currencies comprising the Contract Price.
	51.4	Items of the Works for which no rate or price has been entered in will not be paid for by the Employer and shall be deemed covered by other rates and prices in the Contract.

52. Currencies	52.1	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 contract signature.

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53. Compensation Events	53.1	<p>The following shall be Compensation Events:</p> <ul style="list-style-type: none"> (a) The Employer does not give access to a part of the Site by the Site Possession Date stated in the Special Conditions of Contract. (b) The Employer modifies the Schedule of Other Contractors in a way that affects the work of the Contractor under the Contract. (c) The Project Manager orders a delay or does not issue Drawings, Specifications, or instructions required for execution of the Works on time. (d) The Project Manager instructs the Contractor to uncover or to carry out additional tests upon work, which is then found to have no Defects. (e) The Project Manager unreasonably does not approve a subcontract to be let. (f) Ground conditions are substantially more adverse than could reasonably have been assumed before issuance of the Letter of Acceptance from the information issued to Tenderers (including the Site Investigation Reports), from information available publicly and from a visual inspection of the Site. (g) The Project Manager gives an instruction for dealing with an unforeseen condition, caused by the Employer, or additional work required for safety or other reasons. (h) Other contractors, public authorities, utilities, or the Employer does not work within the dates and other constraints stated in the Contract, and they cause delay or extra cost to the Contractor. (i) The advance payment is delayed. (j) The effects on the Contractor of any of the Employer's Risks. (k) The Project Manager unreasonably delays issuing a Certificate of Completion. (l) Other Compensation Events described in the Contract or determined by the Project Manager shall apply.
	53.2	<p>If a Compensation Event would cause additional cost or would prevent the work being completed before the Intended Completion Date, the Contract Price shall be increased and/or the Intended Completion Date shall be extended. The Project Manager shall, upon consultation with Employer, decide whether</p>

		and by, how much the Contract Price shall be increased and whether and by how much the Intended Completion Date shall be extended.
	53.3	As soon as information demonstrating the effect of each Compensation Event upon the Contractor's forecast cost has been provided by the Contractor, it shall be assessed by the Project Manager, if agreed by the Employer, the Contract Price may be adjusted accordingly. If the Contractor's forecast is deemed unreasonable, the Project Manager in consultation with Employer shall adjust the Contract Price based on the Project Manager's own forecast.
	53.4	The Contractor shall not be entitled to compensation to the extent that the Employer's interests are adversely affected by the Contractor's not having given early warning notice or not having cooperated with the Project Manager.

54. Effect of Changes in Tax Laws	54.1	The Project Manager shall adjust the Contract Price if taxes, duties, and other levies are changed between the date 28 days before the submission of Tenders for the Contract and the date of the last Completion certificate.
	54.2	The adjustment shall be the change in the amount of tax payable by the Contractor, provided such changes are not already reflected in the Contract Price or are a result of GCC 55 [Price Adjustment].
	54.3	In the event that the Laws Governing Taxes, Duties and other levies have changed between the signature date and the last completion certificate thereby affecting the Contract Price, the Employer and the Contractor, shall mutually adjust the contract price accordingly.
55. Price Adjustment	55.1	The amounts payable to the Contractor, pursuant to GCC 50.1 [Payment Certificate], may be adjusted in respect of the rise or fall in the cost of labour, Contractor's Equipment, Plant, materials, and other inputs to the Works, by applying to such amounts the formulae prescribed in this clause.
	55.2	To the extent that full compensation for any rise in costs to the Contractor is not covered by the provisions of this or other clauses in the Contract, the unit rates and prices included in the Contract shall be deemed to include amounts to cover the contingency of such other rise of costs.

	55.3	<p>The adjustment to be applied to amount payable to the Contractor as certified in Payment Certificates shall be determined by a 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 as follows; where;</p> <p>P_n is a price adjustment factor to be applied to the amount in each specific currency for the payment of the work carried out in the subject month, where such variations and daywork are not otherwise subject to adjustment;</p>
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	<p>a is a constant, specified in the Appendix to Tender, representing the nonadjustable portion in contractual payments;</p> <p>b, c, d, etc., are weightings or coefficients representing the estimated proportion of each cost element (labor, materials, equipment usage, etc.) in the Works or sections thereof, net of Provisional Sums, as specified in the Appendix to Tender; the sum of a, b, c, d, etc., shall be one;</p> <p>Ln, Mn, En, etc., are the current cost indices or reference prices of the cost elements in the specific currency of origin for month "n," determined pursuant to CGC 55.5, applicable to each cost element; and</p> <p>Lo, Mo, Eo, etc., are the base cost indices or reference prices corresponding to the above cost elements at the date specified in GCC 55.5</p> <p>The value of net work done, certified by the Project Manager, in any monthly Interim or Final Certificate as payable by the Employer to the Contractor before deduction of any retention money shall be increased or decreased by an amount of 'F'.</p> <p>where;</p> <p>The effective value Pc of work done which is to be subjected to increase or decrease shall be the difference between:</p> <p>(i) the amount which, in the opinion of the Project Manager, is due to the Contractor under GCC 44 [Uncorrected Defects] (before deduction of retention money and before deducting sums previously paid on account) less:</p> <ul style="list-style-type: none"> • any amount for payment or repayment of any advance payment; • any amount for materials on site (if any); • any amounts for nominated sub-contractors (if any) • any amounts for any other items based on actual cost or current prices; or • any sums for increase or decreases in the Contract Price paid under GCC 55.3 and <p>(ii) the amount calculated in accordance with (i) above of GCC 55.3 and included in the last preceding statement.</p>
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	55.4	The sources of indices shall be those listed in the Appendix to Tender , as approved by the Project Manager. Indices shall be appropriate for their purpose and shall relate to the Contractor's proposed source of supply of inputs on the basis of which his Contract Price and expected foreign currency requirements shall have been computed. As the proposed basis for price adjustment, the Contractor shall have submitted with his Tender the tabulation of Weightings and Source of Indices in the Appendix to Tender , which shall be subject to approval by the Project Manager.
	55.5	The base cost indices or prices shall be those prevailing on the day 28 days prior to the latest date for submission of Tenders. Current indices or prices shall be those prevailing on the day 28 days prior to the last day of the period to which a particular Interim Payment Certificate is related. If at any time the current indices are not available, provisional indices as determined by the Project Manager will be used, subject to subsequent correction of the amounts paid to the Contractor when the current indices become available
	55.6	If the Contractor fails to complete the Works within the time for completion prescribed under GCC 20 [Commencement and Completion of Works] adjustment of prices thereafter until the date of completion of the Works shall be made using either the indices or prices relating to the prescribed time for completion, or the current indices or prices, whichever is more favorable to the Employer, provided that if an extension of time is granted pursuant to GCC 35 [Extension of the Intended Completion Date], the above provision shall apply only to adjustments made after the expiry of such extension of time.
	55.7	The weightings for each of the factors of cost given in the Appendix to Tender shall be adjusted if, in the opinion of the Project Manager, they have been rendered unreasonable, unbalanced, or inapplicable as a result of varied or additional work already executed or instructed under GCC 48 [Payment for Variations] or for any other reason.

56. Retention	56.1	The Employer shall retain from each payment due to the Contractor the proportion stated in the Special Conditions of Contract . The total amount of retention shall not exceed the amount specified in the Special Conditions of Contract
	56.2	On completion of the whole of the Works, half the total amount retained shall be repaid to the Contractor and the other half when the Defects Liability Period has passed and the Project Manager has certified that all Defects notified by the Project Manager to the Contractor before the end of this period have been corrected.
	56.3	On completion of the whole Works, the Contractor may substitute retention money with an 'on demand' or unconditional Bank guarantee.
57. Liquidated Damages	57.1	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. Payment of liquidated damages shall not affect the Contractor's liabilities.
	57.2	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 pursuant to GCC 57.1
	57.3	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 GCC 51.1 [Payments]

58. Bonus	58.1	If stated in the Special Conditions of Contract the Contractor shall be paid a Bonus calculated at the rate per calendar day for each day (less any days for which the Contractor is paid for acceleration) that the Completion is earlier than the Intended Completion Date. The Project Manager shall certify that the Works are complete, although they may not be due to be complete.
59. Advance Payment	59.1	If stated in the SCC the Employer shall make advance payment to the Contractor of the amounts stated in the SCC by the date 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.
	59.2	The Contractor is to use the advance payment only to pay for Equipment, Plant, Materials, and mobilization expenses required specifically for 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.
	59.3	The advance payment shall be repaid by deducting proportionate amounts from payments otherwise due to the Contractor, as specified in the SCC following the schedule of completed percentages of the Works on a payment basis. No account shall be taken of the advance payment or its repayment in assessing valuations of work done, Variations, price adjustments, Compensation Events, Bonuses, or Liquidated Damages.

60. Performance Securities	60.1	The Performance Security shall be provided to the Employer no later than the date specified in the Letter of Acceptance and shall be issued in an amount and form and by a bank or surety acceptable to the Employer, and denominated in the types and proportions of the currencies in which the Contract Price is payable as specified in the TDS and SCC and in accordance with the conditions of contract.
	60.2	The Performance Security shall be valid until a date 28 days from the date of issue of the Certificate of Completion in the case of a Bank Guarantee, and until one year from the date of issue of the Completion Certificate in the case of a Performance Bond
	60.3	Where circumstances necessitate the amendment of the contract after signature, and such amendment is effected, the Employer shall require the Contractor to provide additional Performance Security to cover any cumulative increase of more than ten percent of the Initial Contract Price.
61. Day-works	61.1	If applicable, the Day-works rates in the Contractor's Tender shall be used for small additional amounts of work only when the Project Manager has given written instructions in advance for additional work to be paid for in that way.
	61.2	All work to be paid for as Day-works shall be recorded by the Contractor on forms approved by the Project Manager. Each completed form shall be verified and signed by the Project Manager within two days of the work being done.
	61.3	The Contractor shall be paid for Day-works subject to obtaining signed Day-works forms.
62. Cost of Repairs	62.1	Loss or damage to the Works or Materials to be incorporated in the Works between the Commencement Date and the end of the Defects Correction periods shall be remedied by the Contractor at the Contractor's cost if the loss or damage arises from the Contractor's acts or omissions.
		E. Discharge of the Contract



63. Completion Certificate	63.1	The Contractor shall request the Project Manager to issue a certificate of Completion of the Works, and the Project Manager will so issue upon satisfaction that the work is completed.
64. Site Hand Over	64.1	When the Certificate of Completion is issued by the Project Manager, the Contractor shall handover the site and the works to the Employer within time specified in the SCC
65. Final Account	65.1	Upon the expiry of the defect liability period, the Contractor shall supply the Project Manager with a detailed account of the total amount that the Contractor considers payable under the Contract. The Project Manager shall, within fifty six (56) days, verify the account and, upon satisfaction, certify any final payment due to the Contractor and thereafter issue a defect liability certificate.
	65.2	In the event the Project Manager is not satisfied with the Account submitted by the Contractor pursuant to sub-GCC 65.1, shall within 56 days issue a schedule of correction. If the final account remains unsatisfactory after it has been re-submitted, the Project Manager shall, upon consultation with the Employer, decide on the amount payable to the Contractor and issue a payment certificate.
66. Operating and Maintenance Manuals	66.1	The Contractor shall supply to the Employer the "as built" Drawings and/or operating and maintenance manuals and any other related documents by the handover period stipulated pursuant to GCC 64.1 [Site Hand Over].
	66.2	If the Contractor does not supply the Drawings and/or manuals stated in GCC 66.1 by the dates specified pursuant to GCC 64.1 [Site Hand Over] or they do not receive the Project Manager's approval, the Project Manager shall withhold the amount stated in the Special Conditions of Contract from payments due to the Contractor.
67. Termination	67.1	The Employer or the Contractor may terminate the Contract if the other party causes a fundamental breach of the Contract.
	67.2	Fundamental breaches of Contract shall include, but shall not be limited to, the following:

	<p>a) the Contractor stops work for 28 days when no stoppage of work is shown on the current Works Program and the stoppage has not been authorized by the Project Manager;</p> <p>b) the Project Manager instructs the Contractor in writing to delay the Works progress , and the instruction is not withdrawn in writing within 28 days;</p> <p>c) contractor's failure to submit performance security within the time stipulated in the SCC;</p> <p>d) the Employer or the Contractor is declared bankrupt or goes into liquidation other than for a reconstruction or amalgamation;</p> <p>e) a payment certified by the Project Manager is not paid by the Employer to the Contractor after 84 days from the date of the Project Manager's certificate;</p> <p>f) Failure of the Contractor to correct the defect after lapse of time specified in the notice to correct defects issued by the Project Manager.;</p> <p>g) where the Contractor fails to furnish and maintain the required Site Security pursuant to GCC 33.1 [Security of the Site];</p> <p>h) The Contractor has delayed the completion of the Works by the number of days for which the maximum amount of liquidated damages can be paid, as defined in the SCC; and</p> <p>i) if the Employer determines, based on the reasonable evidence, that the Contractor has engaged in corrupt, coercive, collusive, obstructive or fraudulent practices, in competing for or in executing the Contract.</p> <p>For the purpose of this paragraph:</p> <p>“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>“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</p>
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		<p>with public procurement or in furtherance of corrupt practice or fraudulent practice;</p> <p>collusive practices” means impairing or harming, or threatening to impair or harm directly or indirectly, any part or the property of the Party for the purpose of influencing improperly the action or a part or in connection with public procurement or government contracting or in furtherance of a corrupt practice or a Fraudulent Practice</p> <p>“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 Employer 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 Employer of the benefits of free and open competition;</p> <p>“obstructive practice” means acts intended to materially impede access to required information in exercising a duty under this contract;</p>
	67.3	When either party to the Contract gives notice of a fundamental breach of Contract to the other party for a cause other than those listed under GCC 67.2 above, the Project Manager shall decide whether the said breach is fundamental or not.
	67.4	Notwithstanding the above, the Employer may terminate the Contract for convenience.
	67.5	If the Contract is terminated, the Contractor shall stop work immediately, make the Site safe and secure, and leave the Site as soon as reasonably possible.

68. Payment upon Termination of Contract	68.1	If the Contract is terminated because of a fundamental breach by the Contractor, the Project Manager shall issue a certificate for the value of the work done and Materials ordered less advance payments received up to the date of the issue of the certificate and less the percentage to apply to the value of the work not completed. Additional Liquidated Damages shall not apply. If the total amount due to the Employer exceeds any payment due to the Contractor, the difference shall be a debt payable to the Employer.
	68.2	If the Contract is terminated for the Employer's convenience or because of a fundamental breach of Contract by the Employer, the Project Manager shall issue a certificate for the value of the work done, Materials ordered, the reasonable cost of removal of Equipment, repatriation of the Contractor's personnel employed solely on the Works, and the Contractor's costs of protecting and securing the Works, and less advance payments received up to the date of the certificate.
69. Property	69.1	All Materials on the Site, Plant, Equipment, Temporary Works, and Works shall be deemed to be the property of the Employer if the contract is terminated for fundamental breach by the Contractor,
70. Suspension of Financing	70.1	<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:</p> <p>(a) The Employer shall notify the Contractor of such suspension within Seven (7) days of having received the financing agency's suspension notice.</p> <p>(b) After the Notice has been issued and within fourteen (14) days, the Parties shall mutually agree on the future events of the Contract</p>

71. Force Majeure	71.1	Neither Party shall have any liability or be deemed to be in breach of the Contract for any delay or other failure in performance of its obligations under the Contract, if such delay or failure is a result of an event of Force Majeure.
	71.2	For purpose of this clause, "Force Majeure" means an event which is beyond the reasonable control of a Party, is not foreseeable, is unavoidable, and its origin is not due to negligence or lack of care on the part of a Party, and which makes a Party's performance of its obligations hereunder impossible or so impractical as reasonably to be considered impossible in the circumstances, and includes, but is not limited to, war, riots, civil disorder, earthquake, fire, explosion, storm, flood, epidemics, or other adverse weather conditions, strikes, lockouts or other industrial action (except where such strikes, lockouts or other industrial action are within the power of the Party invoking Force Majeure to prevent
	71.3	If a Party (hereinafter referred to as "the Affected Party") is or will be prevented from performing its substantial obligation under the contract by Force Majeure, it shall give a Notice to the other Party giving full particulars of the event and circumstance of Force Majeure and the reasons for the event of Force Majeure preventing the Affected Party from, or delay the Affected Party from performing its obligations under the Contract. The Notice shall be given within fourteen days after the Affected Party becomes aware, or should have become aware, of the relevant event or circumstances constituting Force Majeure.
	71.4	The Affected Party shall use reasonable efforts to mitigate the effects of the event of Force Majeure and shall endeavour to minimise any delay in the performance of the contract as a result of Force Majeure.

	71.5	The Affected Party shall give Notice to the other Party when it ceases to be affected by the Force Majeure.
	71.6	Upon completion of the event of Force Majeure and issuance Notice pursuant to GCC 71.4, the Affected Party must, as soon as reasonably practicable recommends the performance of its obligations under the contract. Where the Affected Party is the Contractor, the Contractor must provide a revised Work Program rescheduling the Works to minimise the effect of the prevention or delay caused by the event of Force Majeure.
72. Release from Performance	72.1	In the event the Affected Party have used all reasonable efforts to mitigate the effect of the event of force Majeure and minimize any delay in the performance of the contract as result of force Majeure, but the effect of force Majeure still subsist, the Project Manager shall certify that the Contract has been frustrated.
	72.2	Upon certification by the Project Manager pursuant to GCC 72.1 the Contractor shall make the site safe and stop work as quickly as possible after receiving the certificate and shall be paid for all Works carried out and for any Works carried out.

**SECTION V:
SPECIAL CONDITIONS OF CONTRACT**

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Special Conditions of Contract

Instructions for completing the Special Conditions of Contract

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

SCC Clause	GCC Clause	Description
1.	1.1	<p>The Employer is: Chief Executive Officer, Dar es Salaam Water Supply and Sanitation Authority (DAWASA), P.O. Box 1573, Dar es salaam</p> <p>The Project Manager is: Director of Infrastructure Development, Dar es Salaam Water Supply and Sanitation Authority.</p> <p>The name and identification number of the Contract: Construction of Ground water Reservoir, raising main, Boosting station, storage sump and water supply scheme at Mshikamano Area. Contract No. AE/033/2021-2022/W/35</p> <p>1. Scope of the works includes but not limited to</p> <ul style="list-style-type: none">a) Supply and installation of raising main of mild steel pipes DN 400 PN 10 approximately 400m from existing transmission main DN 750 mild steel pipeline to the proposed sump tank including associated appurtenances & accessoriesb) Construction of sump tank with capacity of 540m³ including associated finishing works.c) Supply and installation of pumping main Mild steel pipes DN 400 PN 16 from the Booster

		<p>Pumping station to the Reservoir approximately 2700m long</p> <ul style="list-style-type: none"> d) Construction of RC Pump House including all civil and Mechanical works in connection to this works. e) Construction of Guard House including finishing works f) Construction of Block work fence including Hard and soft land scaping around the Booster station g) Supply and Installation of centrifuge split case horizontal pumps complete with electric Motors, MCC/Panels and allied accessories including testing and commissioning. <p>The Commencement Date shall be:</p> <p>Fourteen (14) days after Contract signing date after fulfilling following:</p> <ul style="list-style-type: none"> 1. Signing of Contract 2. Site Handing Over 3. Receipt of Advance Payment by the Contractor up on submission of request letter and advance payment Bank guarantee 4. Obtaining Certificate of Exemption Documents from TRA. <p>The Intended Completion Date for the whole of the Works shall be 8 months after effective commencement date</p> <p>The following documents also form part of the Contract:</p> <ul style="list-style-type: none"> (1) Agreement, (2) Letter of Acceptance, (3) Contractor's Tender, (4) Special Conditions of Contract, (5) Conditions of Contract, (6) Specifications, (7) Drawings, (8) Bill of Quantities (9) Minutes of Contract Negotiations
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		<p>The Site is located at:</p> <p>Mshikamano Area in Ubungo Municipality is defined in drawings attached.</p>
		<p>Partial Taking Over of completed and operational sections within the contract completion period is permitted.</p>
		<p>List other documents that form part of the contract:</p> <p>priority:</p> <ol style="list-style-type: none"> (1) Agreement, (2) Letter of Acceptance, (3) Contractor's Tender, (4) Special Conditions of Contract, (5) Conditions of Contract, (6) Specifications, (7) Drawings, (8) Bill of Quantities (9) Minutes of Contract Negotiations
2.	4.1	<p>The language of the Contract documents is English</p> <p>The law that applies to the Contract is the Laws of Tanzania</p>
3.	8.1	<p>Include the Schedule of Other Contractors if any: None</p>
4.	12.1	<p>the Schedule of Key Personnel include the following</p> <ol style="list-style-type: none"> a) Contractor's Representative/Project Manager b) Site Engineer c) Land Surveyor d) Quantity Surveyor e) Health and Safety Expert f) Electromechanical Engineer
5.	13.1	<p>The minimum insurance covers shall be:</p> <ol style="list-style-type: none"> (a) loss of or damage to the Works, Plant, and Materials Tanzania Shillings 400,000,000 (b) loss of or damage to Equipment Tanzania Shillings 200,000,000

		<p>(c) loss of or damage to property (except the Works, Plant, Materials, and Equipment) in connection with the Contract Tanzania Shillings 100,000,000 and</p> <p>(d) Personal injury or death Tanzania Shillings 200,000,000.</p>
6.	17.1	<p>Site Investigation Reports available to the Tenderer are:</p> <p>a) Topographic survey report for the pipe routes and reservoir sites</p>
7.	25.4	<p>The other measures include:</p> <p>a. Minimizing the number of migrant workers employed on the project and household in the site camp</p> <p>b. Providing access to voluntary counselling and testing (VCT)</p> <p>c. Providing psychological support and health care including prevention and treatment of opportunistic infections for workers infected and affected, as well as their families</p> <p>d. Providing condoms (male and female) to workers</p>
8.	26.1	Not Applicable
9.	27.1	The Site Possession Date shall be Fourteen (14) days after site handover and receipt of VAT exemption.
10.	31.1	Hourly rate of Fees payable to the Adjudicator is: TZS 200,000.00
11.	30.1	Arbitration will take place in Dar Es Salaam in accordance with rules and regulations published by the laws of Tanzania
12.	30.2	<p>Appointing Authority for the Arbitrator: National Construction Council.</p> <p style="text-align: center;">B. Time Control</p>
13.	34.1	The Contractor Shall Submit a revised Program for the Works within seven days of delivery of the Letter of Acceptance.
14.	34.2	The period between Programme updates is One hundred and Twenty (120) days.

		The amount to be withheld Project Manager in the case the contractor does not submit an updated Programme is: Tanzania Shillings Twenty (20) Million
15.	42.1	The Defects Liability Period is 365 days .
16	48.1	Minimum amount of Interim Payment Certificate will be TZS. 300,000,000.00
18.	52.1	The currency is Tanzanian Shillings
19.	49.1	The contract is not subject to price adjustment in accordance with Clause 49 of the General Conditions of Contract.
20.	56.1	The amount of retention is 10% of value of works of Interim Payment Certificate'. Limit of retention: 5% of contract price
21.	57.1	The amount of liquidated damages is 0.1 percent of contract price per day
22.	57.1	The maximum amount of liquidated damages must be equivalent to the amount of the performance security i.e. 10%.
23.	58.1	The Bonus for early completion is: No Bonus
24.	59.1	The amount of advance payment shall be 15 per cent of the Contract price and will be paid to the Contractor no later than 45 days from the date of application and on submission of advance payment bank guarantee. Monthly Recovery of Advance Payments: Fifteen Percent (15%) of the amount of monthly Interim Payment Certificates starting when the first payment certificate issued and shall be fully covered when the works completion has reached eighty percent (80%) .
25.	60.1	The Performance Security shall be the minimum amount equivalent ten percent (10%) of the Contract Price: The standard form of Performance Security acceptable to the Employer shall be an Unconditional Bank Guarantee of the type presented in Section IX of the Tendering Documents

26.	61.1	Schedule of Operating and Maintenance Manuals for: - a) Individual Pumps b) All electrical Equipment c) Flow meters, d) Reservoir Operation, e) all type of Valves
27.	66.1	The date by which operating and maintenance manuals are required is 28 days after partial taking over of the respective equipment The date by which "as built" drawings are required is two months after completion date
28.	66.2	The amount to be withheld for failing to produce "as built" drawings by the date required is Tshs. 10,000,000.00 The amount to be withheld for failing to produce operating and maintenance manuals by the date required is Tshs. 10,000,000.00
29.	57.1	The maximum amount of liquidated damages is 10% of the final contract price.
30	62.1	The percentage to apply to the value of the work not completed, representing the Employer's additional cost for completing the Works, is 15%

SECTION VI: SPECIFICATIONS
(Provided in a Separate Volume 2 of this contract)

SECTION VII: DRAWINGS
(Provided in a Separate Volume 3 of this contract)

SECTION XI:
BILL OF QUANTITIES

A handwritten signature in blue ink, consisting of a stylized 'M' followed by a large, looped flourish.

GRAND SUMMARY

BILL 1	PRELIMINARY AND GENERAL ITEMS	325,053,580.00
BILL 2	TRANSMISSION MAIN(OFFTAKE-SUMP)	162,808,890.00
BILL 3	SUM AND BOOSTER STATION	1,021,356,659.50
BILL 4	RISING MAIN (BOOSTER STATION-RESERVOIR)	1,263,281,160.00
BILL 5	RESERVOIR	1,893,557,204.00
BILL 6	PROVISION FOR DAYWORK RATES	186,722,450.00
	SUBTOTAL	4,852,779,943.50
	GRAND TOTAL(VAT EXCLUSIVE)	4,852,779,943.50



PG	<u>BILL NR 1: PRELIMINARIES AND SPECIFIC ITEMS</u>				
1.1	<u>CONTRACTUAL REQUIREMENTS</u>				
	<u>Price all liabilities, obligations and risks set forth or implied in the Contract, not included in the rates and prices entered elsewhere in the Bill of Quantities in complying with any Clause of the Conditions of Contract for the entire project period.</u>				
1.1.1	Advance Payment Guarantee	SUM	1	16,157,470.00	16,157,470.00
1.1.2	Performance Bank Guarantee	SUM	1	16,157,470.00	16,157,470.00
1.1.3	Insurance of Works, Goods and Materials	SUM	1	16,157,470.00	16,157,470.00
1.1.4	Allow for CRB Project Registration	SUM	1	5,170,390.00	5,170,390.00
1.1.5	Health and Safety, Environmental and Social Management Requirements	SUM	1	46,533,500.00	46,533,500.00
1.1.6	Allow for and Sign Boards (Type as per Drawings)	SUM	2	3,877,800.00	7,755,600.00
1.2	<u>SPECIFIC REQUIREMENTS</u>				
	<u>Price all liabilities, obligations and risks set forth or implied in the Contract, not included in the rates and prices entered elsewhere in the Bill of Quantities in complying with any Clause of the Conditions of Contract for the entire project period.</u>				
1.2.1	Establish the Contractor's camp(s) and plant and offices, including mobilisation of all required plant, site, infrastructure, equipment, tools, machinery and personnel and their accommodation	SUM	1	65,923,580.00	65,923,580.00

1.2.2	Operate and maintain the Contractor's camp(s)plant,including mobiisation and demobilisation of all required plant, site, infrastructure, equipment, tools, machinery and personnel and their accommodation	Mnths	15	775,560.00	11,633,400.00
1.2.3	Demobilise the Contractor's camp(s)plant,including demobilisation of all required plant, site, infrastructure, equipment, tools, machinery and personnel and their accommodation	SUM	1	3,878,920.00	3,878,920.00
1.2.4	Allow for supervision Engineer's office, one vehicle with comprehensive insurance, office supplies, communications (Internet Facilities) only for construction period as per specifications	Mnths	15	4,574,080.00	68,611,200.00
1.2.5	Provide survey equipment in the form of level and theodolite with tripods, measuring rods,stakes and tapes for each construction site.	SUM	1	3,231,500.00	3,231,500.00
1.2.6	Allow for Acquisition of various Permits from relevant Authorities	SUM	1	3,877,800.00	3,877,800.00
1.2.7	Allow for As Built Drawings including O&M	SUM	1	5,170,390.00	5,170,390.00
1.3	<u>Testing of Materials as directed by the Engineer</u>				
1.3.1	Site Investigation (Geotechnical Survey) Soil testing including soil stabilisation as recommended by approved or accredited laboratory and any work in connection to bill item	SUM	1	22,479,960.00	22,479,960.00
1.3.2	Testing of the whole of the works as part of the individual Bill of Quantities	SUM	1	12,925,970.00	12,925,970.00
1.3.4	Allow for demolition, relocation and compensation of structures and any related obstacles including reinstatement and making good all damaged part beyond contractor's control	SUM	1	19,388,960.00	19,388,960.00
TOTAL BILL NR 1 CARRIED TO SUMMARY					325,053,580.00

BILL ITEM No. 2 TRANSMISSION MAIN FROM OFFTAKE TO SUMP					
ITEM	PARTICULARS	UNIT	QTY	RATE	AMOUNT
2.1	Construction of Offtake Point as per Specification and approved Drawing from the MS 750mm pipeline including fitting of 400mm dia Sluice valve as per specifications.	No.	1	22,126,390.00	22,126,390.00
2.2	Supplying, Laying and Jointing and testing of 400 Diameter Mild Steel (MS) Pipeline with 10Bars pressure including trench excavation, installation, backfilling and compaction to 98% MDD as per specifications: This shall include carrying out topographical surveys for ground truthing/route verification and establishing levels, preparation of construction drawings after survey. this also shall be in all types of soil (exluding rocks), side supports and dewatering if required, disposal of surplus soil, external and internal protection of site welded joints as per specified painting materials respectively, bedding below pipeline with selected bedding materials approved by supervisors, installations of end caps, bends,reducers and tees (Including Hydrotesting and commissioning				
2.2.1	From Offtake to Booster Station	m	350	401,950.00	140,682,500.00
TOTAL BILL NR 2 CARRIED TO SUMMARY					162,808,890.00

BILL ITEM No. 3 SUMP AND BOOSTER STATION					
ITEM	PARTICULARS	UNIT	QTY	RATE	AMOUNT
3.1	Construction of Sump 540cum(15x9x4); scope including excavation, civil, electrical, mechanical, cost of labor, material and cost of accessories, fittings, piping (inlet outlet and overflow), electromagnetic bulk water meter complete with display etc. Scope complete in all aspects as per specification drawings. The RCC work and Block Work, plastering etc shall be according to specifications. The contractor shall have to carry out detailed survey and soil investigation and prepare construction drawings after design which need to be approved by the Engineer. It is a Lump sum rate for construction, supply of equipment, testing, and commisioning complete in all respect in higher elevation as a single unit. Contractor shall be required to submit to the Engineer for approval detailed breakdown of this bill item.	No.	1	212,695,490.00	212,695,490.00
					-

3.2	Provide and Supplying Materials and Labours and Construction of Pump House (21.4x9.4 square meters of plinth area) including civil works, electrical works, the control panel room for pumps/motors, bulk meter. Cost to include overhead travelling 2-Tone crane with stop device for use in pump house in lifting the pumps, motors and other fittings during installation and maintenance including cost of accessories complete in all aspects. Pump house plinth shall be below the sump bottom to achieve positive suction as per specifications and drawings. The contractor shall be required to submit to the Engineer for approval a detailed breakdown of this bill item	No.	1	301,402,865.00	301,402,865.00
3.3	Supply, erection, testing and commissioning of centrifuge split case horizontal pumps, complete with electric motor, base plate, control Panel and all other accessories for a discharge (Q) OF 140L/S at a duty Head of 60m for each pump; 1 working and 1 Standby or working simultaneously, dry running protection, phase balance, phase failure and all necessary accessories as per specification and approved drawing including fittings and pipes, supply and fixing Mechanical and Electrical including power and control cabling, external lighting, Earthing for distribution boards, lighting panels, control panels, switchgear and capacitor banks	No.	2	106,569,000.00	213,138,000.00

BILL ITEM No. 4 RISING MAIN (BOOSTER STATION-RESERVOIR)					
4.1	Supplying, Laying and Jointing and testing of 400 Diameter MS or Pipeline with 16Bars pressure including trench excavation, installation, backfilling and compaction to 98% MDD as per specifications: This shall include carrying out topographical surveys for ground truthing/route verification and establishing levels, preparation of construction drawings after survey. this also shall be in all types of soil (excluding rocks), side supports and dewatering if required, disposal of surplus soil, external and internal protection of site welded joints as per specified painting materials respectively, bedding below pipeline with selected bedding materials approved by supervisors, installations of end caps, bends, reducers and tees				
4.1.1	From Booster Station to Reservoir Tank	m	2700	401,950.00	1,085,265,000.00
4.2	Rising Main -Supply and fitting of Scour Valve with all fittings and Construction of Chambers as per specifications and approved drawings with RCC for any depth. Excavation works in all types of soil excluding rocks, side supports, dewatering, replacement of soil if necessary and backfilling with selected or excavated material according to soil report, removal of surplus soil and disposal including cost of detachable joints and short flange pipes	No	2	22,126,390.00	44,252,780.00
4.3	Air Valves and Valve Chambers				-

	Providing and construction of Air Valve including chambers and fittings. This includes valve chambers with RCC for any depth as per drawings including Excavation works in all types of soil excluding rocks, side supports, dewatering, replacement of soil if necessary and backfill with selected or excavated material according to soil report, removal of surplus soil and disposal as required by the Engineer and Supplying, installing, jointing and testing of Ductile Iron Sluice Valve, Ductile Iron Sluice Valve, T branch and other fittings, accessories including nuts, bolts and rubber insertion inside the valve chamber and pipe supports as per drawings and specifications. Supplying and installing composite material cover				-
4.3.1	PN20, 100mm size on Steel Pipe 400mm as per specifications	No	8	8,948,590.00	71,588,720.00
4.4	Extra-Over for Rock Excavation encountered during excavation as per specifications (Provision)	CUM	90	50,030.00	4,502,700.00
4.5	Cost of Road Crossing by Cross Cutting from the Booster Station to Mshikamano Reservoir as per specifications and approved drawings	No	4	12,635,880.00	50,543,520.00
4.6	Allow for Supply and erection of RCC Marker Post marked 'DWS/PL/DN400' OR 'DWS DN400' along the rising main located 100m apart as per specifications and approval from the Engineer.	No	27	85,820.00	2,317,140.00
4.7	Construction of RCC C35 Anchor block as per specifications to the satisfaction of the Engineer	No	10	481,130.00	4,811,300.00
	TOTAL BILL NR 4 CARRIED TO SUMMARY				1,263,281,160.00

5.3	Fencing and Gates-Excavation of post holes, provide all material and construct chain link fence on concrete post as 3m centres all including straining posts at every 10th post and additional posts at corners with barbed wires at reservoir site. Fence wires shall be Galvanised with at least 3mm wires and plastic covers including metal/grilled sliding gate/door measuring 5x2.5m high with 1200x2500mm grilled/metal door for pedestrians	No	1	52,331,860.00	52,331,860.00
5.4	Land Scaping(both Hard and Soft) - Precast concrete paving slab bedded in 1:5 cement/sand and laid on 150mm layer of compacted hardcore along with supplying and laying of precast concrete kerbs 150x300x500mm including concrete foundation base with sulphate resisting cement at the end of sand areas complete in accordance with the drawings and specifications at tanks site. This bill item shall include construction and protection with stone pitch/vipwrap of all cut off sides around the reservoir structure and line to uphold permanently the soil from erosion including provision of permanent drainage system to te satisfaction of the Engineer	No	1	61,913,920.00	61,913,920.00
TOTAL BILL NR 5 CARRIED TO SUMMARY					1,893,557,204.00


BILL ITEM No. 6 PROVISIONAL SUM					
ITEM	PARTICULARS	UNIT	QTY	RATE	AMOUNT
PG 6	<u>PROVISION FOR DAYWORK RATES</u>				
6.1	<u>Provisional sum for Daywork Rates: 1.Materials</u>				
6.1.1	230 mm Blocks	No	2000	2,360.00	4,720,000.00
6.1.2	150mm Blocks	No	2000	2,360.00	4,720,000.00
6.1.3	Hardcore	m ³	75	50,130.00	3,759,750.00
6.1.4	Sand	m ³	75	27,850.00	2,088,750.00
6.1.5	Aggregate	m ³	75	89,150.00	6,686,250.00
6.1.6	Petrol	lts	500	3,060.00	1,530,000.00
6.1.7	Diesel	lts	1,000	2,730.00	2,730,000.00
6.1.8	Lubricants	kg	450	5,570.00	2,506,500.00
6.1.9	Cement, ordinary Portland, or equivalent in 50kg bags	kg	7,000	260.00	1,820,000.00
6.1.10	Fine aggregate for concrete works	m ³	70	27,850.00	1,949,500.00
6.1.11	Coarse aggregate for concrete works maximum size 20mm	m ³	70	89,150.00	6,240,500.00
6.1.12	Use of shuttering timber	m ²	45	38,990.00	1,754,550.00
6.1.13	High Yield Steel Bar Reinforcement	kg	20,000	2,540.00	50,800,000.00
6.1.14	Hydrated Lime	kg	5,000	1,020.00	5,100,000.00
6.2	<u>Provisional sum for Daywork Rates: 2.Plant and Equipment (rate without fuel and operator)</u>				
6.2.1	Lorry-ordinary (3t)	Hrs	100	41,790.00	4,179,000.00
6.2.2	Lorry-Flatbed (10t)	Hrs	50	66,870.00	3,343,500.00

6.2.3	Tipper-ordinary (3t)	Hrs	100	41,790.00	4,179,000.00
6.2.4	Pick-up Truck 1.70 Tonne	Hrs	150	41,790.00	6,268,500.00
6.2.5	Dewatering pump (DN 40mm)	Hrs	40	8,370.00	334,800.00
6.2.6	Mobile generator (20KVA)	Hrs	75	50,130.00	3,759,750.00
6.2.7	Bar bending machine (power operated)	Hrs	50	16,710.00	835,500.00
6.2.8	Vibrator	Hrs	150	8,370.00	1,255,500.00
6.2.9	Hydraulic excavator 10-14t	Hrs	40	167,150.00	6,686,000.00
6.2.10	Hydraulic excavator 15-24t	Hrs	30	208,910.00	6,267,300.00
6.2.11	Bull Dozer 70KW	Hrs	40	188,020.00	7,520,800.00
6.2.11	Mobile Crane	Hrs	60	100,290.00	6,017,400.00
6.3	<u>Provisional sum for Daywork Rates: 3 Labour for Dayworks</u>				
6.3.1	Foreman	Hrs	720	6,210.00	4,471,200.00
6.3.2	Driver	Hrs	720	4,870.00	3,506,400.00
6.3.3	Skilled Labour	Hrs	1200	4,190.00	5,028,000.00
6.3.4	Unskilled Labour	Hrs	1800	1,890.00	3,402,000.00
6.3.5	Mason	Hrs	1200	4,190.00	5,028,000.00
6.3.6	Carpenter	Hrs	600	4,190.00	2,514,000.00
6.3.7	Plumber	Hrs	600	4,190.00	2,514,000.00
6.3.8	Electrician	Hrs	600	6,280.00	3,768,000.00
6.3.9	Drain Layer	Hrs	600	2,800.00	1,680,000.00
6.3.10	Surveyor	Hrs	600	12,930.00	7,758,000.00
TOTAL BILL NR 6 CARRIED TO SUMMARY					186,722,450.00

SECTION X:
MINUTES OF CONTRACT NEGOTIATION

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SECTION XI:
MEMORANDUM FOR ANTI-BRIBERY POLICY

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ANTI – BRIBERY POLICY

This company **ADVENT CONSTRUCTION LIMITED** places importance on competitive bidding taking place on a basis that is free, fair, competitive and not open to abuse. It is pleased to confirm that it will not offer or facilitate, directly or indirectly, any improper inducement or reward to any public officer their relations or business associates, in connection with its bid, or in the subsequent performance of the contract if it is successful.

This company has a Code of Conduct which includes all reasonable steps necessary to assure that the No-bribery commitment given in this statement will be complied with by its managers and employees, as well as by all third parties working with this company on the public sector projects, or contract including agents, consultants, consortium partners, sub- contractors and suppliers. Copies of our Code of Conduct is attached

Authorized Signature: _____

Name and Title of Signatory: EDITHA MUJUNI, ESTIMATOR & COST AUDITOR

Name of Bidder: ADVENT CONSTRUCTION LIMITED

Address: P.O.BOX 8702, DAR ES SALAAM - TANZANIA

Date: 10th August, 2021



BEFORE ME/WITNESS

Signature: _____

Name: _____

Qualification: _____

Date: _____

Editha Mujuni

HASSAN MUSAFA

ADVOCATE

9th August 2021

[Signature]