



CONTRACT NO. BW283/ARWWTW/22

VOLUME 1: TECHNICAL PROPOSAL

VAAL CENTRAL WATER

**REFURBISHMENT OF THE NYAKALLONG (ALLANRIDGE) WWTW:
CIVIL, MECHANICAL AND ELECTRICAL, CONTROL & INSTRUMENTATION**

PROCUREMENT DOCUMENT

July 2026

TENDER SUBMITTED BY:

Registered Name of Company:

Address:

Telephone Number:

Fax Number:

E-mail:

Issued by:

Vaal Central Water
PO Box 30121
Pellissier
9322



ISSUE DATE: 31 July 2026

BRIEFING SESSION: 13 August 2026 @ 12:00 (COMPULSORY)

CLOSING DATE: 1 September 2026 @ 12:00

VAAL CENTRAL WATER

CONTRACT NO. BW283/ARWWTW/22

REFURBISHMENT OF THE NYAKALLONG (ALLANRIDGE) WWTW: CIVIL, MECHANICAL AND ELECTRICAL, CONTROL & INSTRUMENTATION

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Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

VAAL CENTRAL WATER

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REFURBISHMENT OF THE NYAKALLONG (ALLANRIDGE) WWTW: CIVIL, MECHANICAL AND ELECTRICAL, CONTROL & INSTRUMENTATION

PART T1:

TENDERING PROCEDURES

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

VAAL CENTRAL WATER

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REFURBISHMENT OF THE NYAKALLONG (ALLANRIDGE) WWTW: CIVIL, MECHANICAL AND ELECTRICAL, CONTROL & INSTRUMENTATION

TENDERING PROCEDURES

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Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

VAAL CENTRAL WATER

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REFURBISHMENT OF THE NYAKALLONG (ALLANRIDGE) WWTW: CIVIL, MECHANICAL AND ELECTRICAL, CONTROL & INSTRUMENTATION

SECTION T1.1

TENDER NOTICE AND INVITATION TO TENDER

Contractor	Witness 1	Witness 2	Employer	Witness 1	Witness 2

Tender Notice and Invitation to Tender

CONTRACT NO. BW283/ARWWTW/22

**PROJECT DESCRIPTION: REFURBISHMENT OF THE NYAKALLONG (ALLANRIDGE)
WWTW: CIVIL, MECHANICAL AND ELECTRICAL, CONTROL
AND INSTRUMENTATION**

Section T1.1: Tender Notice and Invitation to Tender

Vaal Central Board (Former Bloem Water) derives its primary mandate from the Water Services Act, Act 108 of 1997 and is, in terms of the Public Finance Management Act (PFMA), Act 1 of 1999, Schedule 3B, a National Government business entity, which reports to the Executive Authority, represented by the Minister of Water and Sanitation through the Department of Water and Sanitation (DWS).

Vaal Central is a Water Board with the mandate to provide water services to the Southern and Central areas of the Free State Province and the Northern Cape respectively to include the entire jurisdictional area that was previously serviced by Sedibeng Water as gazetted on 26 July 2022 by the minister of Water of Water and Sanitation.

Vaal Central Water accordingly invites interested Service Providers to tender for the following construction contract.

**CONTRACT NO. BW283/ARWWTW/22: REFURBISHMENT OF THE NYAKALLONG (ALLANRIDGE) WWTW:
CIVIL, MECHANICAL AND ELECTRICAL, CONTROL AND INSTRUMENTATION**

Scope of Works

It is the objective of the Employer to solicit tenders from suitably qualified and experienced Contractors for the refurbishment of the Nyakallong (Allanridge) Wastewater Treatment Works (WWTW).

The Nyakallong (Allanridge) WWTW has an estimated capacity of 3.5MLD (Average Dry Weather Flow (ADWF)) and receives raw sewage via gravity and pump feed from Nyakallong and Allanridge. The refurbishment of the Nyakallong (Allanridge) WWTW will ensure that all gravity and pump feed of raw sewage from the Nyakallong and Allanridge surrounding area is treated to General Standards prior to being discharged to the Voëlpan.

The project will provide opportunity for CIDB-registered contractors to participate in a large infrastructure project.

It is furthermore the Employer's objective to stimulate local economic development through this Contract and the Contractor will be expected to participate in the process by employing local labour and acquiring plant and materials from local enterprises as far as practically possible. The Contractor's attention is drawn to Form 2.1.14 - Local Economic Participation (LEP) Claim Form for more details on this important aspect of the Contract.

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

Carry out, construct, supply, delivery, installation, testing and commissioning as well as upholding during the Defects Liability Period (where applicable) of the following:

- i) Establishment of the Contractor on Site.
- ii) Clearing of the site.
- iii) Installing new security as per the Security Specification provided.
- iv) Executing the New or Refurbished Treatment Process SOW (Listed in Part C3).
- v) Executing the Building Works SOW (Listed in Part C3).
- vi) Executing the Electrical, Control and Instrumentation SOW (Listed in Part C3).
- vii) Executing the Roads and Stormwater SOW (Listed in Part C3).
- viii) Tests on Completion (Commissioning and Trial period).
- ix) Training of Operations Staff.
- x) Submission of Operations and Maintenance (O&M) Manual for the WWTW.

Where bid documents can be obtained:

National Treasury Website – eTender Publication: www.etenders.gov.za

Vaal Central Water Website: www.vaalcentralwater.co.za

A **compulsory briefing session** with representatives of the employer will take place on **Thursday, 13 August 2026** at **12h00** at **Vaal Central Water Board, Allanridge Wastewater Treatment Works, Nyakallong**.

- The coordinates are - **27°46'06.57" S** **26°39'49.45" E**

The service provider should in all respects comply with the conditions as set out below and as specified in the tender document. It is estimated that tenderers should have a CIDB Contractor Grading designation of **8CE** in accordance with Regulation 25(1B) or 25(7A) of the Construction Industry Development Regulations, 2004.

Only tenderers that satisfy the eligibility criteria stated in the tender document will be eligible to submit tenders.

Vaal Central Water promotes Broad Black Economic Empowerment. The name of the firm submitting the tender shall be clearly shown on all correspondence. An appointment will be made in terms of the approved Supply Chain Management Policy of the Board of Vaal Central Water.

Completed proposals must be addressed as below and deposited before **12:00 on Tuesday, 1 September 2026** at the Tender Box situated at the Vaal Central Water Reception Area for Attention:

Supply Chain Management

Vaal Central Water
2 Mzuzu Street
Pellissier
Bloemfontein
9322

Each bidder must submit an envelope clearly marked **CONTRACT NO. BW283/ARWWTW/22: REFURBISHMENT OF THE NYAKALLONG (ALLANRIDGE) WWTW: CIVIL, MECHANICAL AND ELECTRICAL, CONTROL & INSTRUMENTATION** with the bidder's name and address. The name of the firm submitting the tender shall be clearly shown on all correspondence. An appointment will be made in terms of the approved Supply Chain Management Policy of the Board of Vaal Central Water.

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

Tenders may only be submitted on the tender documentation that has been issued. **A two-envelope system will be followed.**

Each proposal must be submitted in **2 separate envelopes clearly marked:**

1. BW283/ARWWTW/22 – Request for Proposal (RFP): REFURBISHMENT OF THE NYAKALLONG (ALLANRIDGE) WWTW: CIVIL, MECHANICAL AND ELECTRICAL, CONTROL & INSTRUMENTATION – Technical Proposal.
2. BW283/ARWWTW/22 – Request for Proposal (RFP): REFURBISHMENT OF THE NYAKALLONG (ALLANRIDGE) WWTW: CIVIL, MECHANICAL AND ELECTRICAL, CONTROL & INSTRUMENTATION – Financial Proposal (must include a USB or DISC with electronic BoQ inside the envelope).

Proposals which are incomplete, filled incorrectly, or telegraphic, telephonic, telex, facsimile, e-mail and late tenders will not be accepted. Should you do not receive any feedback from Vaal Central Water after 120 days of submission, consider your tender unsuccessful. Vaal Central Water reserves the right NOT to appoint any Service Provider or to withdraw this request for bids.

Service Providers who meet the specified quality criteria will be further evaluated in line with the Preferential Procurement Policy Framework Act (PPPFA) principle of 90/10. Vaal Central Water reserves the right not to award the tender to the highest scoring bidder.

Technical Queries can be directed to:

Grant Isaacs AND Kgetsipule
Engineering and Projects Department
Tel: 051 - 403 0800
Fax: 051 – 422 5333
Email: granti@vcwater.co.za AND kgetsip@vcwater.co.za

Tender Administrative Queries can be directed to:

Mr T Khaeane AND Mr L Moeketsi
Supply Chain Management
Tel: 051 - 403 0800
Fax: 051 – 422 5333
Email: thatok@vcwater.co.za AND leratom@vcwater.co.za

NOTE: All clarification questions and queries will be accepted until 21 August 2026, after which no further queries will be accepted for response. This will afford adequate time for responses and if applicable, changes to be included to bid submission by bidders.

NB: Service Providers to all departments, constitutional institutions and public entities listed in schedule 2 and 3 of the PFMA are required to self-register on the Central Supplier Database.

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

VAAL CENTRAL WATER

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REFURBISHMENT OF THE NYAKALLONG (ALLANRIDGE) WWTW: CIVIL, MECHANICAL AND ELECTRICAL, CONTROL & INSTRUMENTATION

SECTION T1.2

TENDER DATA

Contractor	Witness 1	Witness 2	Employer	Witness 1	Witness 2

VAAL CENTRAL WATER

CONTRACT NO. WR283/ARWWTW/22

REFURBISHMENT OF THE NYAKALLONG (ALLANRIDGE) WWTW: CIVIL, MECHANICAL AND ELECTRICAL, CONTROL & INSTRUMENTATION

T1.2 TENDER DATA

The conditions of tender are the Standard Conditions of Tender as contained in **Annex C** of the Construction Industry Development Board's Board Notice 423 of 2019 (**contained in Government Gazette No. 42622 of 08 August 2019**), bound into Section T1.3.

The Standard Conditions of Bid makes several references to the Bid Data. The Bid Data also contains project specific amendments to the Standard Conditions of Bid applicable to this document. The Bid Data shall have precedence in the interpretation of any ambiguity or inconsistency between it and the Standard Conditions of Bid.

Each item of data given below is cross referenced to the clause in the Standard Conditions of Bid to which it mainly applies.

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

Additions and Variations and Standard Conditions of Tender as contained in Annex C of the Construction Industry Development Board's Board Notice 423 of 2019 (contained in Government Gazette No. 42622 of 08 August 2019):

Clause	Addition or Variation to Standard Conditions of Tender
New Clause 1.1	The Employer is Vaal Central Water .
New Clause 1.2	The tender documents issued by the employer comprises of two volumes. Each volume consists of the following: TENDER DOCUMENT VOLUME 1: TECHNICAL PROPOSAL Part T1 Tendering Procedures Section T1.1 Tender Notice and Invitation to Tender Section T1.2 Tender Data Section T1.3 Standard Conditions of Tender Part T2 Returnable Documents and Schedules Section T2.1 Returnable Schedules Required for Bid Evaluation Purposes Section T2.2 Other Documents Required for Bid Evaluation Purposes Section T2.3 Checklist VOLUME 2: FINANCIAL PROPOSAL Part C1 Agreements and Contract Data Section C1.1 Forms of Offer and Acceptance Section C1.2 Contract Data Part C2 Pricing Data Section C2.1 Pricing Instructions Section C2.2 Schedule of Quantities Section C2.3 Summary of Schedules Section C2.4 Banking Details Part C3 Scope of Work Section C3.1 Description of the Works Section C3.2 Standard Specifications Section C3.3 Project Specifications Section C3.4 Particular Specifications Part C4 Site Information Annexure A Tender Drawings Annexure B Geotechnical Investigation Report

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

Clause	Addition or Variation to Standard Conditions of Tender
C.1.3.2	Replace this sub-clause with the following: These Conditions of Bid, the Bid Data, List of Returnable Documents and Returnable Schedules which are required for bid evaluation purposes, shall form part of the Contract arising from the invitation to bid.
C.1.4	Communication and employer's agent: The Employer's Agent is (also referred to as the Engineer): iX engineers (Pty) Ltd Hillside Offices 277 The Hillside Street Menlo Park Pretoria 0081 Contact Person: Mr Bernu Steyn Tel: +27 (0)12 745 2526 Mob: +27 (0) 82 441 3586 GPS: -25.773466, 28.269207
C.1.5 C.1.5.1	Cancellation and Re-Invitation of Tenders Add the following to the contents of the clause: e) The Employer may accept or reject any bid or portion thereof, variation, deviation, tender offer, or alternative tender offer, and may cancel the tender process and reject all tender offers at any time before the formation of a contract. The employer shall not accept or incur any liability to a tenderer for such cancellation and rejection, but shall give reasons for such action.
C.1.6 C.1.6.1	Procurement Procedures General Replace the contents of the clause with the following: The Employer reserves the right, within unambiguous and justifiable reasoning, to not necessarily conclude a contract with the tenderer who in terms of C.3.11 is the highest ranked or the tenderer scoring the highest number of tender evaluation points, as relevant, based on the tender submissions that are received at the closing time for tenders. The Employer reserves the right to accept, where applicable, a part or portion of any bid or where possible accepts bids or proposals from multiple bidders.
C.2 C.2.1 New item C.2.1.3	Tenderer's Obligations Eligibility Add the following New sub-clause: Only those tenderers who satisfy the following criteria are eligible to submit tenders: The bidder's primary business is to provide supplies or services as per the bid invitation. Accept that all returnable documents and schedules which are required to be certified are done so by a registered Commissioner of Oaths of the Republic of South Africa. a) The Employer will only enter into a formal contract with a tenderer who is registered on the National Treasury Central Supplier Data Base. In the case of Joint Venture partnerships this requirement will apply individually to each party of the Joint Venture. b) CIDB Registration and Grading

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

Clause	Addition or Variation to Standard Conditions of Tender
	The following tenderers who are registered with the CIDB during the tender period, and the tender validity period and at the award date of submissions, are eligible to have their tenders evaluated: i) Contractors who have a contractor grading designation equal to or higher than a contractor grading designation determined in accordance with the sum tendered, or a value determined in accordance with Regulation 25 (1B) of 25 (7A) of the Construction Industry Development Regulations, for a level 8CE are eligible to submit bids for this contract. ii) Joint ventures are eligible to submit bids provided that: - every member of the joint venture is registered with the CIDB within 10 days from the closing date of bids; - the lead partner has a contractor grading designation of 8CE, he or his sub-contractors have a designation of 7ME and 5EP class of construction work; and - The combined contractor grading designation calculated in accordance with the Construction Industry Development (CIDB) Regulations is equal to or higher than a contractor grading designation determined in accordance with the sum tendered for an 8CE class of construction work The Employer may, in its discretion, subject to the provision of Section 4(1)(d) of the State Tender Board Act (Act 86 of 1968), condone any failure to comply with the foregoing condition. c) The tender has not failed to perform on any previous contracts and has been given a written notice to this effect. d) The Tenderer or any of its Directors is not listed on the Register of Tender Defaulters in terms of the Prevention and Combating of Corrupt Activities Act of 2004 as a person prohibited from doing business with the public sector. e) Only authorised signatories may sign the original and all copies of the tender offer where required in terms of Clause F.2.13.4 of these conditions of tender. f) Tenderers shall be registered and in good standing with the South African Revenue Services (SARS) and should be able to submit a valid tax compliance pin issued by SARS. Each party to a Consortium/Joint Venture should be able to submit a separate valid Tax Clearance Certificate and attach it to the schedule. g) The tenderer should be able to complete the Compulsory Enterprise Questionnaire and confirm that there are no conflicts of interest which may impact on the tenderer's ability to perform the contract in the best interests of the employer or potentially compromise the tender process and persons in the employ of the state are not permitted to submit tenders or participate in the contract h) Standard Bidding Documents (SBD) The following standard SBD's should be completed (if applicable) legibly and in full in terms of the requirements of the Department of National Treasury of the Republic of South Africa: - SBD1: Invitation to bid and company information - SBD4: Disclosure Forms

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

Clause	Addition or Variation to Standard Conditions of Tender
	i) The tenderer should be able to submit the following Certificate: • Certified copy of certificate of Incorporation if tenderer is a company or; • Certified copy of founding statement if tenderer is a closed corporation or; • Certified copy of Partnership agreement if tenderer is a partnership or; • Certified copy of Identity document if tenderer is a one man concern or; • Certified copy of joint venture agreement if tenderer is a joint venture. j) Original (or certified copy) of municipal rates clearance certificate or a certified copy of the lease agreement with the lessor's municipal rates certificate - Not older than 3 months (Vaal Central Water reserves the right to conduct physical verification of premises). k) The tenderer should be able to attach certified proof of registration and in Good Standing with the Compensation Commissioner or with a licensed compensation insurer. l) The Bidder should be able to provide a Financial References. m) Certificate copy of latest Unemployment Insurance Fund (UIF) return (if not stated on the valid tax compliance pin)
New item C.2.1.4	Add the following new sub-clause: Only those tenderers who satisfy the following criteria are eligible to submit tenders: Bidders must utilise the National Treasury's Central Supplier Database (CSD) for identification of potential subcontractors from the pool of EMEs or QSEs to advance designated groups. The responsibility to subcontract with competent and capable sub-contractors' rests with the main contractor/ supplier. As far as possible, the bidder must consider subcontractors from the area/s where the project will be taking place. Where CIDB related works are subcontracted, each Subcontractor must also be registered with the appropriate CIDB grading in accordance with the value of the work to be undertaken by that Subcontractor.
C.2.2	Cost of tendering
	Add the following to sub-clause 2.2.1: C.2.2.1 Accept that the Employer will not compensate the bidder for any costs incurred in attending interviews in the office of the Employer or the Employer's Agent (if required).
C.2.6	Acknowledge addenda
	Add the following to the clause: Failure to acknowledge receipt of any addenda will result in disqualification. It is the responsibility of the tenderer to provide accurate and clear information on the attendance register or Purchase of Tender document register. The Employer's agent will not follow-up on incorrect or unclear information provided.

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

Clause	Addition or Variation to Standard Conditions of Tender
C.2.7	Clarification meeting A compulsory clarification meeting and site visit will be held as follows: Vaal Central Water Board, Allanridge Wastewater Treatment Works, Nyakallong Date : Thursday, 13 August 2026 Time : 12h00 For a joint venture, one of the partners has to attend the compulsory clarification meeting. Confirmation of attendance will be recorded, on site, in the Site Inspection Certificate included in Section T2.1 of the Document. Tender documents will not be made available at the site visit or clarification meeting. Detail relating to the collection of tender documents is indicated in the Tender Notice and Invitation to Tender (Section T1.1 of the document). Failure to fill the attendance register and/or the "Site Inspection Certificate" will result in a disqualification. Bidders should be represented at the site visit/clarification meeting by a person who is suitably qualified and experienced to comprehend the implications of the work involved. Addenda will be issued only to those tendering entities appearing on the attendance list.
C.2.8	Seek clarification Replace the contents of the clause with the following: Request clarification of the bid documents, if necessary, by notifying the Employer's Agent, as indicated in the Bid Notice and Invitation to Bid, at least seven (7) working days before the closing time stated in the Bid Data.
C.2.9	Insurance Add the following to the clause: The Contractor shall be responsible to affect all insurance as required for the purposes of executing the Contract
C.2.11	Alterations to documents Replace the last sentence of the clause with the following: To correct errors made, draw a line through the incorrect entry and write the correct entry above in black ink and place the full signatures of the authorised signatories next to the correct entry. Corrections in terms of price may not be made by means of a correction fluid such as Tipp-Ex or a similar product. If correction fluid has been used on any specific item price, such item will not be considered. No correction fluid may be used in a Bill of Quantities where prices are calculated to arrive at a total amount. If correction fluid has been used the bid as a whole will not be considered.
C.2.12	Alternative tender offers Add the following to the clause:
C.2.12.1	All alternative tender offers shall be referred to in Section T2.2.1 – Alterations to Tender

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

Clause	Addition or Variation to Standard Conditions of Tender
C.2.13.2	Replace the contents of the clause with the following: Return the complete set of documents as listed in the Tender Data with all the required information supplied and completed in all respects. All volumes are to be left intact in its original format and no pages shall be removed or re-arranged.
C.2.13	Submitting a tender offer
C.2.13.3	Only one (1) original bid offer is required. It is recommended that all pages be numbered. One (1) scanned copy of the document is also required on a memory stick.
C.2.13	Submitting a tender offer
	Add the following to the clause:
C.2.13.4	Only authorised signatories may sign the original and all copies of the bid offer where required in terms of C.2.13.3. <u>Accept that failure to submit proof of authorisation to sign the bid shall result in a Bid Offer being regarded as non-responsive.</u> In the case of a ONE-PERSON CONCERN submitting a bid, this shall be clearly stated. In case of a COMPANY submitting a bid, include a certified copy of the Certificate of Incorporation of such company, together with a resolution by its board of directors authorising a director or other official of the company to sign the documents on behalf of the company. In the case of a CLOSED CORPORATION submitting a bid, include a certified copy of the Founding Statement of such corporation, together with a resolution by all its members authorising a member or other official of the corporation to sign the documents on each member's behalf. In the case of a PARTNERSHIP submitting a bid, all the partners shall sign the documents, unless one partner or a group of partners has been authorised to sign on behalf of each partner, in which case proof of such authorisation/resolution by partners shall be included in the Bid. In the case of a JOINT VENTURE submitting a bid, include a certified copy of the Certificate of Incorporation or Founding Statement or Partnership (as applicable) of each Joint Venture member, a draft Joint Venture Agreement and a resolution of each Joint Venture member authorising an official to sign documents on behalf of the Joint Venture member (in accordance with the requirements above) and a resolution by all Joint Venture members authorising a member of the Joint Venture to sign the documents on behalf of the Joint Venture.
C.2.13	Submitting a tender offer
C.2.13.5	Refer to the Tender Notice and Invitation to Tender (Section T1.1) for the Employer's address for delivery of tender offers and identification details to be shown on each tender offer package are: Location of tender box: Tender Box Physical address: Ground Floor Main Entrance, 2 Mzuzu Street, Pellissier, Bloemfontein, 9300 Identification details: Tender Number: BW283/ARWWTW/22 Title of Tender: REFURBISHMENT OF THE NYAKALLONG (ALLANRIDGE) WWTW: CIVIL, MECHANICAL AND ELECTRICAL, CONTROL & INSTRUMENTATION Sealed tenders with the Tenderer's name and address and the endorsement "TENDER NO. BW283/ARWWTW/22:" on the envelope, must be placed in the appropriate official tender box at the abovementioned address.

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

Clause	Addition or Variation to Standard Conditions of Tender
C.2.13	Submitting a tender offer
2.13.6	A two-envelope procedure will be followed.
C.2.13	Submitting a tender offer
	Add the following sub- clause 2.13.10:
C.2.13.10	Accept that all conditions, which are printed or written upon any stationary used by the Bidder for the purpose of or in connection with the submission of a bid offer for this Contract, which are in conflict with the conditions laid down in this document shall be waived, renounced and abandoned.
C.2.14	Information and data to be completed in all respects
	Add the following to the clause:
	The Bidder is required to enter information in the following sections of the document:
	Section T2.2 : Returnable Schedules
	Section C1.1 : Form of Offer and Acceptance
	Section C1.2 : Contract Data (Part 2)
	Section C1.3 : Form of Guarantee
	Section C1.4 : Health and Safety Agreement Form
	Section C2.2 : Bill of Quantities
	Section C2.3 : Summary of Schedules
	Section C2.4 : Banking Details
	The above sections shall be signed by the Bidder (and witnesses where required). Individual pages should only be initialled by the successful Bidder and by the witnesses after acceptance by the Employer of the Bid Offer.
	The Bidder shall complete and sign the Form of Offer prior to the submission of a Bid Offer. The Schedule of Deviations (if applicable) shall be signed by the successful Bidder after acceptance by the Employer of the Bid Offer.
	Accept that failure on the part of the Bidder to submit any one of the Returnable Documents listed in clauses 2.13 and 2.23 within the period stipulated, shall be just cause for the Employer to consider the Bid offer as being regarded as non-responsive.
	Accept that the Employer shall in the evaluation of bid offers take due account of the Bidder's past performance in the execution of similar engineering works of comparable magnitude, and the degree to which he possesses the necessary technical, financial and other resources to enable him to complete the Works successfully within the contract period. Satisfy the Employer and the Employer's Agent as to his ability to perform and complete the Works timeously, safely and with satisfactory quality, and furnish details in section T2.2.2 of contracts of a similar nature and magnitude which they have successfully executed in the past.
	Accept that the Employer is restricted in accordance with clause 5 (1) of the Construction Regulations, 2014, to only appoint a contractor whom he is satisfied has the necessary competencies and resources to carry out the work safely. Accept that submitting inferior and inadequate information relating to health and safety (as required in clause 2.23) shall be regarded as justifiable and compelling reasons not to accept the Bid Offer of the Bidder scoring the highest number of bid evaluation points.

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

Clause	Addition or Variation to Standard Conditions of Tender
C.2.15	Closing time
C.2.15.1	Add the following to the clause: The closing time for submission of tender offers is as stated in the Tender Notice and Invitation to Tender. Telephonic, telegraphic, telex, facsimile or e-mailed tender offers will not be accepted.
C.2.16	Tender offer validity
C.2.16.1	The bid offer validity period is 90 days .
C.2.16.1	Add the following to the clause: If the bid validity expires on a Saturday, Sunday or public holiday, the bid shall remain valid and open for acceptance until the closure of business on the following working day.
C.2.16	Tender offer validity
2.16.5	Add the following new clause: Accept that should the Bidder unilaterally withdraw his bid during the bid validity period, the Employer shall, without prejudice to any other rights he may have, be entitled to accept any less favourable bid for the Works from those received, or to call for fresh bids, or to otherwise arrange for execution of the Works, and the Bidder shall pay on demand any additional expense incurred by the Employer on account of the adoption of the said courses, as well as either the difference in cost between the bid withdrawn (as corrected in terms of clause 3.9 of the Conditions of Bid) and any less favourable bid accepted by the Employer, or the difference between the bid withdrawn (as corrected) and the cost of execution of the Works by the Employer as well as any other amounts the Employer may have to pay to have the Works completed.
C.2.17	Clarification of tender offer after submission
	Replace the clause with the following: Provide clarification of a tender offer in response to a request to do so from the Employer during the evaluation of tender offers. This may include providing a breakdown of rates or prices and correction of arithmetical errors resulting from the product of the unit rate and the quantity by the adjustment of certain line item totals. No change in the unit rate or prices or substance of the tender offer is sought, offered, or permitted. The total of the prices shall be adjusted to reflect the arithmetically correct summation of corrected line item totals and shall be binding upon the tenderer. Note: Sub-clause C.2.17 does not preclude the negotiation of the final terms of the contract with a preferred tenderer following a competitive selection process, should the Employer elect to do so.
C.2.18	Provide other material
C.2.18.1	Add the following to the clause: Accept that if requested, the Bidder shall within 7 days of the date upon which he is requested to do so, submit a full report from his banker as to his financial standing. The Employer may, in its discretion, and subject to the provisions of Section 4(1)(d) of the State Tender Board Act 86 of 1968, condone any failure to comply with the foregoing condition. Accept that the Employer or his agent, reserves the right to approach the Bidder's banker or guarantor(s) as indicated in the bid document, or the bankers of each of the individual members of any joint venture that is constituted for purposes of this Contract, with a view to ascertaining whether the required guarantee will be furnished, and for purposes of ascertaining the financial strength of the Bidder or of the individual member of such venture.

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

Clause	Addition or Variation to Standard Conditions of Tender
C.2.22	Return of other tender documents Replace the clause with the following: Return all retained bid documents prior to the closing time for the submission of Bid Offers.
C.2.23	Certificates Add the following to the clause: Refer eligibility criteria as specified in clause C2.1, information and data to be completed in all respects as per clause C.2.14, and the test for responsiveness as specified in clause C3.8.
New Item 2.24	Canvassing of Employers officials or the Employer's Agent and requests for information Add the following new clause: Accept that no Bidder shall make any attempt either directly or indirectly to canvass any of the Employers officials or the Employer's Agent in respect of his bid, after the opening of the bids but prior to the Employer arriving at a decision thereon. No Bidder shall make any attempt to obtain particulars of any relevant information, other than that disclosed at the opening of bids.
New Item 2.25	Prohibitions in Awarding of bids Add the following new clause: Accept that the Employer is prohibited to award a bid to a person:- - who is in the service of the State; or - if that person is not a natural person, of which any director, manager, principal shareholder or stakeholder is a person in the service of the State; or - a person who is an advisor or consultant contracted with the municipality or municipal entity. "In the service of the State" means to be – - a member of – - any Municipal Council; - any provincial legislature; or the National Assembly or the National Council of Provinces; - a member of the board of directors of any municipal entity; - an official of any municipality or municipal entity; - an employee of any national or provincial department; - provincial public entity or constitutional institution within the meaning of the Public Finance Management Act, 1999 (Act No.1 of 1999); - a member of the accounting authority of any national or provincial public entity; or an employee of Parliament or a provincial legislature.
New Item 2.26	Awarding of bids with a value above R 2000 Add the following new clause: Accept that the notes to the Employer's annual financial statements must disclose particulars of any award of more than R 2 000 to a person who is a spouse, child or parent of a person in the service of the state (defined in clause 2.25), or has been in the service of the state in the previous twelve months, including – - the name of that person; - the capacity in which that person is in the service of the state; and - the amount of the award.

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

Clause	Addition or Variation to Standard Conditions of Tender
C.3.1	Respond to requests from the tenderer Replace the contents of the clause with the following: Respond to a request for clarification received up to seven (7) working days before the closing time stated in the Bid Data and notify all Bidders who collected procurement documents within two (2) working days of the same date.
C.3.4	Opening of tender submissions Replace the contents of the clause with the following: Bids will be opened immediately after the closing time for bids, at the same venue.
C.3.8 C.3.8.1	Test for responsiveness A responsive tender will be evaluated in terms of the following: Accept that failure to comply with any one of these requirements, shall result in a tender offer being regarded as non-responsive - the eligibility requirements of Clause C.2.1.1, - attendance at the clarification meeting as per Clause F2.7, - all required documents signed by the authorised signatories as per Clause C.2.13.4, - acknowledge addenda as per Clause C.3.2 - Information and Data required to be Completed in all respects as per Clause C.2.14
C.3.9	Arithmetical errors, omissions and discrepancies Replace the contents of the clause with the following: Check responsive bid offers for arithmetical errors, correcting them in the following manner: - Where there is a discrepancy between the amounts in figures and in words, the amount in words shall govern. - If a bill of quantities (or schedule of quantities or schedule of rates) applies and there is an error in the line-item total resulting from the product of the unit rate and the quantity, the unit rate shall govern and the line-item total shall be corrected. - Where there is an error in the total of the prices, either as a result of other corrections required by this checking process or in the Bidder's addition of prices, the corrected total of the prices shall govern. - Where there is a discrepancy between the amount indicated in the Bidder's bid offer and the corrected amount obtained after completing the above steps, the corrected amount shall govern. Notify a Bidder upon written request received after the closing date of bids of all arithmetical errors made by that particular bidder. Consider the rejection of a bid offer if the Bidder does not accept the correction of the arithmetical errors in the manner described above.

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

Clause	Addition or Variation to Standard Conditions of Tender
C.3.11 New item C.3.11.1	Evaluation of tender offers Add the following new sub-clause: The Bid will be evaluated based on the pre-qualification requirement as described in the Preferential Procurement Policy Framework 2022, Regulation 4 that requires Bids to sub-contract 30% of the contract value for Bids above R 30 million. Following the evaluation of the pre-qualification requirement above, Functionality, Price and Preference will be used to evaluate all responsive Bid Offers, as follows: - Score functionality, rejecting all tender offers that fail to achieve the minimum number of points for functionality. Evaluate bids that have achieved the minimum qualification score for functionality in terms of the following items b, c, and d - Score bid evaluation points for price - Score points for B-BBEE contribution - Add the points scored for price and B-BBEE to obtain the total number of points scored. Bidder must subcontract a minimum of 30% of the value of the contract to an EME or QSE/s that is a minimum 51% black owned. - The following evidence must be submitted: - A signed subcontracting agreement stipulating the percentage to be subcontracted. - CSD report/s for subcontractor/s. - CIDB Registration for subcontractor/s where CIDB related works are subcontracted, each subcontractor must also be registered with the appropriate CIDB grading in accordance with the value of work to be undertaken by that subcontractor, or are capable of being so prior to the evaluation of submission, in a contractor grading designation equal to or higher than a contractor grading designation determined in accordance with the CIDB grading of this bid , in accordance with CIDB prescripts. Where the CIDB requirement for sub-contracted work is not met, this test for responsiveness has not been met. - Proof of B-BBEE status for subcontractor/s.
New item C.3.19	Price Analysis Vaal Central Water Board (VCWB) uses a Financial Tolerance Range also referred to as standard deviation to in order to assess how reasonable the market response prices are (the consultant estimate). These ranges will assist with eliminating bid prices that are deemed to be excessively high or low to complete the works. The higher limit ensures that Vaal Central Water does not pay more than it believes the value of service or goods is worth, and the lower limit ensures that Vaal Central Water is not exposed to risk of work not being completed or prices increasing subsequent to the award because the award price was too low to complete said scope. The financial tolerance range for this bid is -20% to +20%. VCWB reserves the right to not appoint the lowest bidder, this is in the event the bidder submits a bidder lower than the estimate.

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

Clause	Addition or Variation to Standard Conditions of Tender
New item C.3.20	Objective Criteria VCWB shall apply objective criteria in accordance with the PPPFA. Rotation of suppliers for bids will be done on the following conditions: a) Aggregate value of R250 million (inclusive of all taxes) awarded. b) Where an award to be made to the supplier results in the cumulative value exceeding the rotation threshold for bids, that award can be made which will constitute the last award to the supplier in the financial year. c) As its objective criteria, Vaal Central Water shall therefore not award to a Bidder that scores the highest points, if such Bidder has already exceeded the rotation threshold for bids. In making the determination on the aggregate value of work awarded to a supplier, Vaal Central Water shall consider the supplier's relations and as such, where Vaal Central Water had awarded work to entities and/or persons that are related and/or inter-related to the supplier, the value of such awards shall be used as a measure of assessing the aggregate value of the work awarded to the supplier.

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

Functionality Evaluation

No bid must be regarded as an acceptable bid if it fails to achieve the minimum qualifying score for functionality as indicated in the bid invitation and elaborated further in the Bid Data.

Functionality will be scored as follows:

Technical Evaluation Criteria

Description of Evaluation Criteria	Points
1. Tenderer's Experience in the applicable class of works (<i>Attach Completion Letters / Certificates and include contactable reference names and numbers</i>) Tenderer's experience in projects of total construction value R50 million or more AND where the scope of works included the upgrading/ refurbishment/ construction of waste water treatment works (WWTW) of a minimum capacity of 3ML/d where such experience MUST include at least three of the following elements in the scope: a) Completed projects which included the refurbishment of inlet/head of works – concrete structures, mechanical and electrical equipment (equipment to be stated e.g. rake screens, electrical, control and instrumentation equipment), including design, supply, installation and commissioning of all equipment as well as complete commissioning of the Head of Works. b) Completed projects which included the construction of Biological Nutrient Reactors (BNR) – concrete structures, mechanical and electrical, control and instrumentation equipment (equipment to be stated e.g. Fixed surface mount surface aerators, RAS/WAS Pump Stations, Flow, Level and Analytical Equipment), including design, supply, installation and commissioning of all equipment as well as complete commissioning of the BNR. c) Completed projects which included the construction of Chlorine Dosing Facility and Chlorine Contact Tank – concrete structures, mechanical and electrical, control and instrumentation equipment (equipment to be stated e.g. Dosing System (Chlorine Dosing and/or Calcium Hypochlorite Dosing, Flow, Level and Analytical Equipment), including design, supply, installation and commissioning of all equipment as well as complete commissioning of the Chlorine Dosing Facility and Chlorine Contact Tank. d) The construction of new liquid retaining structures in a water or waste water treatment plant with a total treatment capacity of 3ML/d or more (e.g. sedimentation tanks, aeration basins, biological reactor basins, etc.,) (i) 4 or more Projects – 30 Points (ii) 2 - 3 Projects – 20 Points (iii) 1 Project – 10 Points (iv) 0 Project – 0 Points * N.B: VAAL CENTRAL WATER will verify references provided hence the bidder is to ensure that all contact details are up to date.	30

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

Description of Evaluation Criteria	Points
2. Expertise of construction site personnel, related to this project (Attach CV and qualification certificates) a) Contract/Project Manager with BEng/BTech in Civil or Chemical or Mechanical engineering, registered with ECSA and with more than 10 years of experience on waste water construction projects including civil, mechanical and electrical elements in the scope of works, with a total project value exceeding R50 million in value – 5 Points b) Construction Manager with more than 10 years experience on waste water construction projects where the scope of works included liquid retaining structures, waste water plant pumping equipment and electrical control and instrumentation works, where at least one project was a refurbishment or upgrade to an existing WWTW. – 5 Points c) Mechanical: Lead Artisan or Artisan must have the Relevant trade test and a minimum of 10 years' experience as Mechanical Artisan or Superintendent in installing and commissioning, and maintaining of mechanical plant and equipment, pumps motors, gearboxes, rotating equipment etc. at municipal or industrial waste/water treatment plants – 5 Points d) Electrical: Lead Artisan or Artisan must have the Relevant trade test and Minimum 10 years' experience as Instrumentation and Control Artisan or Superintendent installing, and maintaining of industrial automation and control systems at municipal or industrial waste/water treatment plants at municipal or industrial waste/water treatment plants - 5 Points	20
3. Methodology and Programme The Bidder must submit a proposed Methodology and Programme of work illustrating their understanding of tender scope of works. This representation should show phases of the tasks and where necessary, sub-tasks. The work Programme must be presented in a Level 4 Gantt chart (MS Projects) illustrating the dates at which critical milestones can be reached and indicating the critical path as well as tie-ins, switch overs, commissioning/test on completion as well the delivery dates/durations for long lead time items. A level 3 schedule is required differentiating between civil, mechanical, electrical, control and instrumentation as per the work packages provided in the scope of works. a) Methodology and proposed approach indicating the understanding of the scope of work (Limited to 10 x A4 pages, single sided pages, single line spacing and size 10 font) – 10 Points b) Programme in a Gantt Chart format – 5 Points	15
4. Locality Locality points will be awarded as follows: a) Tenderers with offices within Lejweleputswa District Municipal Area - 20 Points b) Tenderers with offices with offices based within the Vaal Central Water Board area of supply - 10 Points c) Tenderers with offices with offices based within the Vaal Central Water Board area of supply - 0 Points <i>Original (or certified copy) of municipal rates clearance certificate or a certified copy of the lease agreement with the lessor municipal rates certificate (Vaal Central Water reserves the right to conduct physical verification of premises). Not older than 3 months.</i>	20

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

Description of Evaluation Criteria		Points
5. Financial		
Due to the estimated value of this enquiry, the tenderer will be required to confirm working capital in respect of this bid by furnishing with the tender submission, an original valid letter from his/her bank providing a bank rating. <i>Copies will not be acceptable.</i> a) Bank Rating B or available cash reserve of R1.5million or above - 15 Points b) Bank Rating C - 7 Points c) Bank Rating below C or no rating provided – 0 points <i>Original (or certified copy) Company Audited Financial Statements</i>		15
Total Points		100
The Bidder must comply with the minimum requirements in accordance with the functionality criteria listed above and must score at least 75 points for Functionality. Bids that fall below the minimum threshold of 75 points will be technically not eligible and be disqualified from further evaluation.		

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

Clause	Addition or Variation to Standard Conditions of Tender																				
	Only Bidders scoring a minimum of 75 of a 100 points (75%) will be considered for further evaluation. The points scoring for price and B-BBEE contribution will be a function of the financial value in accordance with: a) Clause 3.11.3 where the financial value inclusive of VAT of one or more responsive bid offers equals or is less than R50 000 000; or b) Clause 3.11.4 where the financial value inclusive of VAT of all responsive bids received have a value in excess of R50 000 000.																				
3.11.3	Add the following sub-clause: The 80/20 preference point system for acquisition of services, works or goods up to Rand value of R50 million will apply. a) The following formula must be used to calculate the points for price in respect of bids (including price quotation) with a rand value equal to, or above R 30 000 and up to Rand value of R50 000 000 (all applicable taxes included): $\left[1 - \frac{Pt - P_{min}}{P_{min}} \right]$ $Ps = 80 \times$ Where: Ps = Points scored for comparative price of bid or offer under consideration; Pt = Comparative price of bid or offer under consideration; and P_{min} = Comparative price of lowest acceptable bid or offer. b) An employer of state may apply the formula in paragraph (a) for price quotations with a value less than R30 000, if and when appropriate c) Subject to subparagraph (d), points must be awarded to a bid for attaining the B-BBEE status level of contributor in accordance with the table below: <table border="1"> <thead> <tr> <th>B-BBEE status level of contributor</th><th>Number of points</th></tr> </thead> <tbody> <tr><td>1</td><td>20</td></tr> <tr><td>2</td><td>18</td></tr> <tr><td>3</td><td>16</td></tr> <tr><td>4</td><td>12</td></tr> <tr><td>5</td><td>8</td></tr> <tr><td>6</td><td>6</td></tr> <tr><td>7</td><td>4</td></tr> <tr><td>8</td><td>2</td></tr> <tr><td>Non-compliant contributor</td><td>0</td></tr> </tbody> </table> d) A maximum of 20 points may be allocated in accordance with subparagraph (c).	B-BBEE status level of contributor	Number of points	1	20	2	18	3	16	4	12	5	8	6	6	7	4	8	2	Non-compliant contributor	0
B-BBEE status level of contributor	Number of points																				
1	20																				
2	18																				
3	16																				
4	12																				
5	8																				
6	6																				
7	4																				
8	2																				
Non-compliant contributor	0																				

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

Clause	Addition or Variation to Standard Conditions of Tender																				
3.11.4	Add the following sub-clause: The 90/10 preference points system for acquisition of services, works or goods with a Rand value above R 50 million. a) The following formula must be used to calculate the points for price in respect of bids (including price quotation) with a rand value equal to, or above R 30 000 and up to Rand value of R50 000 000 (all applicable taxes included): $Ps = 90 \times \left[1 - \frac{Pt - Pmin}{Pmin} \right]$ Where: <i>Ps</i> = Points scored for comparative price of bid or offer under consideration; <i>Pt</i> = Comparative price of bid or offer under consideration; and <i>P_{min}</i> = Comparative price of lowest acceptable bid or offer. b) An employer of state may apply the formula in paragraph (a) for price quotations with a value less than R30 000, if and when appropriate c) Subject to subparagraph (d), points must be awarded to a bid for attaining the B-BBEE status level of contributor in accordance with the table below: <table border="1"> <thead> <tr> <th>B-BBEE status level of contributor</th><th>Number of points</th></tr> </thead> <tbody> <tr><td>1</td><td>10</td></tr> <tr><td>2</td><td>9</td></tr> <tr><td>3</td><td>8</td></tr> <tr><td>4</td><td>5</td></tr> <tr><td>5</td><td>4</td></tr> <tr><td>6</td><td>3</td></tr> <tr><td>7</td><td>2</td></tr> <tr><td>8</td><td>1</td></tr> <tr><td>Non-compliant contributor</td><td>0</td></tr> </tbody> </table> d) A maximum of 10 points may be allocated in accordance with subparagraph (c).	B-BBEE status level of contributor	Number of points	1	10	2	9	3	8	4	5	5	4	6	3	7	2	8	1	Non-compliant contributor	0
B-BBEE status level of contributor	Number of points																				
1	10																				
2	9																				
3	8																				
4	5																				
5	4																				
6	3																				
7	2																				
8	1																				
Non-compliant contributor	0																				
3.16.2	Replace the contents of the clause with the following: Notice of non-acceptance of bid will not be sent to individual unsuccessful Bidders. Particulars of the accepted bid can be obtained from the employer's agent.																				
3.17	The successful Bidder shall receive one copy of the signed contract.																				

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

Clause	Addition or Variation to Standard Conditions of Tender
4.3	General Supply Chain Management conditions applicable to tenders In terms of its Supply Chain Management Policy the Employer may not consider a tender unless the provider who submitted the tender: a) has furnished the Employer with that provider's: ▪ full name; ▪ identification number or company or other registration number; and ▪ tax reference number and VAT registration number, if any; ▪ Certificate of attendance at a compulsory site inspection, where applicable. b) has indicated whether: ▪ the provider is in the service of the state, or has been in the service of the state in the previous twelve months; ▪ the provider is not a natural person, whether any of the directors, managers, principal shareholders or stakeholders is in the service of the state, or has been in the service of the state in the previous twelve months; or ▪ whether a spouse, child or parent of the provider or of a director, manager, shareholder or stakeholder referred to above is in the service of the state, or has been in the service of the state in the previous twelve months. Irrespective of the procurement process followed, the Employer is prohibited from making an award to a person: ▪ who is in the service of the state; ▪ if the person is not a natural person, a juristic entity of which any director, manager, principal shareholder or stakeholder is in the service of the state; or In this regard, Bidders shall complete Schedule 1, Part T2.2: Returnable Schedules: Compulsory Enterprise Questionnaire. Failure to complete this schedule may result in the tender not being considered.
F4.4	Combating abuse of the Supply Chain Management Policy In terms of its Supply Chain Management Policy, the Employer may reject the tender of any Bidder if that Bidder or any of its directors has: a) failed to pay municipal rates and taxes or municipal service charges and such rates, taxes and charges are in arrears for more than three months; b) failed, during the last five years, to perform satisfactorily on a previous contract with the Employer or any other organ of state after written notice was given to that Bidder that performance was unsatisfactory; c) abused the supply chain management system of the Employer or has committed any improper conduct in relation to this system; d) been convicted of fraud or corruption during the past five years; e) wilfully neglected, reneged on or failed to comply with any government, municipal or other public sector contract during the past five years; or f) been listed with the Register of Tender Defaulters in terms of section 29 of the Prevention and Combating of Corrupt Activities Act (No 12 of 2004) or has been listed on National Treasury's database as a person or juristic entity prohibited from doing business with the public sector. In this regard, Bidders shall complete Schedule 2 and 4, Part T2.2: Returnable Schedules: Certificate of Independent Tender Determination and Declaration in terms of the Public Finance Management Act. Failure to complete these schedules may result in the tender not being considered.

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

Clause	Addition or Variation to Standard Conditions of Tender
Clause	Addition or Variation to Standard Conditions of Tender
F.4.8	Claims arising after submission of tender No claim for any extras arising out of any doubt or obscurity as to the true intent and meaning of anything contained in the Conditions of Contract and Scope of Work, will be admitted by the Employer after the submission of any tender and the Bidder shall be deemed to have: 1) Fully understood the Conditions of Contract. 2) Read and fully understood the whole text of the Scope of Work and thoroughly acquainted him with the nature of the works proposed and generally of all matters which may influence the Contract. 3) Visited the site of the proposed works, carefully examined existing conditions, the means of access to the site, the conditions under which the work is to be done, and acquainted himself with any limitations or restrictions that may be imposed by the Employer or other Authorities in regard to access and transport of materials, plant and equipment to and from the site and made the necessary provisions for any additional costs involved thereby. 4) Requested the Employer or his duly authorised agent to make clear the actual requirements of anything contained in the Scope of Work, the exact meaning or interpretation of which is not clearly intelligible to the Bidder.
F.4.10	Requests for contract documents, or parts thereof, in electronic format The Employer shall not formally issue tender documents in electronic format as contemplated in F.2.13.3 and shall only issue tender documents in hardcopy. An electronic version of the issued tender documents may be made available to the Bidder, upon written request in terms of this clause, subject to the following: a) The electronic version shall not be regarded as a substitute for the issued tender documents. b) The Employer shall not accept tenders submitted in electronic format. Bidders may not complete and submit a printed copy of the electronic version of the tender document or part thereof. Only those tenders that have been completed on the issued hard copy tender document shall be considered. c) The Employer accepts no responsibility or liability arising from any reliance on or use of the electronic version provided in terms of this clause. The Employer further does not guarantee that the electronic version corresponds with the issued tender documents in all respects. Bidders are alerted to the fact that electronic versions of the tender documents may not reflect any notices or addenda that amend the tender document. d) Any non-compliance with these provisions, including effecting any unauthorised alterations to the tender document as contemplated in F.2.11, shall render the tender invalid. The Employer reserves the right to take any action against such Bidder allowed in law including, in circumstances where the tender had already been awarded, the right to cancel the contract. e) In requesting the electronic version of the tender document or parts thereof, the Bidder is deemed to have read, understood and accepted all of the above conditions.

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

VAAL CENTRAL WATER

CONTRACT NO. WR283/ARWWTW/22

REFURBISHMENT OF THE NYAKALLONG (ALLANRIDGE) WWTW: CIVIL, MECHANICAL AND ELECTRICAL, CONTROL & INSTRUMENTATION

SECTION T1.3

STANDARD CONDITIONS OF CONTRACT

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

VAAL CENTRAL WATER

CONTRACT NO. WR283/ARWWTW/22

REFURBISHMENT OF THE NYAKALLONG (ALLANRIDGE) WWTW – CIVIL, MECHANICAL AND ELECTRICAL, CONTROL & INSTRUMENTATION

STANDARD CONDITIONS OF TENDER

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These standard conditions of tender are identical to those published in SANS 294:2004 (Annex F)

Contractor

Witness 1

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Employer

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VAAL CENTRAL WATER

CONTRACT NO. BWR283/ARWWTW/22

REFURBISHMENT OF THE NYAKALLONG (ALLANRIDGE) WWTW: CIVIL, MECHANICAL AND ELECTRICAL, CONTROL & INSTRUMENTATION

STANDARD CONDITIONS OF TENDER

1. GENERAL

1.1 Actions

1.1.1 The employer and each tenderer submitting a tender offer shall comply with these conditions of tender. In their dealings with each other, they shall discharge their duties and obligations as set out in item 2 and 3, timeously and with integrity, and behave equitably, honestly and transparently, comply with all legal obligations and not engage in anticompetitive practices.

1.1.2 The employer and the tenderer and all their agents and employees involved in the tender process shall avoid conflicts of interest and where a conflict of interest is perceived or known, declare any such conflict of interest, indicating the nature of such conflict. Tenderers shall declare any potential conflict of interest in their tender submissions. Employees, agents and advisors of the employer shall declare any conflict of interest to whoever is responsible for overseeing the procurement process at the start of any deliberations relating to the procurement process or as soon as they become aware of such conflict, and abstain from any decisions where such conflict exists or recuse themselves from the procurement process, as appropriate.

Note: 1) *A conflict of interest may arise due to a conflict of roles which might provide an incentive for improper acts in some circumstances. A conflict of interest can create an appearance of impropriety that can undermine confidence in the ability of that person to act properly in his or her position even if no improper acts result.*

2) *Conflicts of interest in respect of those engaged in the procurement process include direct, indirect or family interests in the tender or outcome of the procurement process and any personal bias, inclination, obligation, allegiance or loyalty which would in any way affect any decisions taken.*

1.1.3 The employer shall not seek and a tenderer shall not submit a tender without having a firm intention and the capacity to proceed with the contract

1.2 Tender documents

The documents issued by the employer for the purpose of a tender offer are listed in the tender data.

1.3 Interpretation

1.3.1 The tender data and additional requirements contained in the tender schedules that are included in the returnable documents are deemed to be part of these conditions of tender.

1.3.2 These conditions of tender, the tender data and tender schedules which are only required for tender evaluation purposes, shall not form part of any contract arising from the invitation to tender.

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1.3.3 For the purposes of these conditions of tender, the following definitions apply:

- a) **conflict of interest** means any situation in which:
 - i) someone in a position of trust has competing professional or personal interests which make it difficult to fulfill his or her duties impartially;
 - ii) an individual or organisation is in a position to exploit a professional or official capacity in some way for their personal or corporate benefit; or
 - iii) incompatibility or contradictory interests exist between an employee and the organisation which employs that employee.
- b) **comparative offer** means the price after the factors of a non-firm price and all unconditional discounts it can be utilised to have been taken into consideration;
- c) **corrupt practice** means the offering, giving, receiving or soliciting of anything of value to influence the action of the employer or his staff or agents in the tender process;
- d) **fraudulent practice** means the misrepresentation of the facts in order to influence the tender process or the award of a contract arising from a tender offer to the detriment of the employer, including collusive practices intended to establish prices at artificial levels;

1.4 Communication and Employer's Agent

Each communication between the employer and a tenderer shall be to or from the employer's agent only, and in a form that can be readily read, copied and recorded. Communications shall be in the English language. The employer shall not take any responsibility for non-receipt of communications from or by a tenderer. The name and contact details of the employer's agent are stated in the tender data.

1.5 The Employer's right to accept or reject any tender offer

1.5.1 An organ of state may, prior to the award of the tender, cancel a tender if-

- a) due to changed circumstances, there is no longer a need for the services, works or goods requested; or
- b) funds are no longer available to cover the total envisaged expenditure; or
- c) no acceptable tenders are received.

1.5.2 The decision to cancel a tender must be published in the CIDB website and in the government Tender Bulletin for the media in which the original tender invitation was advertised.

1.5.3 An employer may only with the prior approval of the relevant treasury cancel a tender invitation for the second time.

1.6 Procurement procedures

1.6.1 General

Unless otherwise stated in the tender data, a contract will, subject to 3.13, be concluded with the tenderer who in terms of 3.11 is the highest ranked or the tenderer scoring the highest number of tender evaluation points, as relevant, based on the tender submissions that are received at the closing time for tenders.

1.6.2 Competitive negotiation procedure

- 1.6.2.1 Where the tender data require that the competitive negotiation procedure is to be followed, tenderers shall submit tender offers in response to the proposed contract in the first round of submissions. Notwithstanding the requirements of 3.4, the employer shall announce only the names of the tenderers who make a submission. The requirements of 3.8 relating to the material deviations or qualifications which affect the competitive position of tenderers shall not apply.

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- 1.6.2.2 All responsive tenderers, or not less than three responsive tenderers that are highest ranked in terms of the evaluation method and evaluation criteria stated in the tender data, shall be invited in each round to enter into competitive negotiations, based on the principle of equal treatment and keeping confidential the proposed solutions and associated information. Notwithstanding the provisions of 2.17, the employer may request that tenders be clarified, specified and fine-tuned in order to improve a tenderer's competitive position provided that such clarification, specification, fine-tuning or additional information does not alter any fundamental aspects of the offers or impose substantial new requirements which restrict or distort competition or have a discriminatory effect.
- 1.6.2.3 At the conclusion of each round of negotiations, tenderers shall be invited by the employer to make a fresh tender offer, based on the same evaluation criteria, with or without adjusted weightings. Tenderers shall be advised when they are to submit their best and final offer.
- 1.6.2.4 The contract shall be awarded in accordance with the provisions of 3.11 and 3.13 after tenderers have been requested to submit their best and final offer.

1.6.3 Proposal procedure using the two stage-system

1.6.3.1 Option 1

Tenderers shall in the first stage submit technical proposals and, if required, cost parameters around which a contract may be negotiated. The employer shall evaluate each responsive submission in terms of the method of evaluation stated in the tender data, and in the second stage negotiate a contract with the tenderer scoring the highest number of evaluation points and award the contract in terms of these conditions of tender.

1.6.3.2 Option 2

- 1.6.3.2.1 Tenderers shall submit in the first stage only technical proposals. The employer shall invite all responsive tenderers to submit tender offers in the second stage, following the issuing of procurement documents.
- 1.6.3.2.2 The employer shall evaluate tenders received during the second stage in terms of the method of evaluation stated in the tender data, and award the contract in terms of these conditions of tender.

2. TENDERER'S OBLIGATIONS

2.1 Eligibility

- 2.1.1 Submit a tender offer only if the tenderer satisfies the criteria stated in the tender data and the tenderer, or any of his principals, is not under any restriction to do business with employer.
- 2.1.2 Notify the employer of any proposed material change in the capabilities or formation of the tendering entity (or both) or any other criteria which formed part of the qualifying requirements used by the employer as the basis in a prior process to invite the tenderer to submit a tender offer and obtain the employer's written approval to do so prior to the closing time for tenders.

2.2 Cost of tendering

- 2.2.1 Accept that, unless otherwise stated in the tender data, the employer will not compensate the tenderer for any costs incurred in the preparation and submission of a tender offer, including the costs of any testing necessary to demonstrate that aspects of the offer complies with requirements.
- 2.2.2 The cost of the tender documents charged by the employer shall be limited to the actual cost incurred by the employer for printing the documents. Employers must attempt to make available the tender documents on its website so as not to incur any costs pertaining to the printing of the tender documents.

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2.3 Check documents

Check the tender documents on receipt for completeness and notify the employer of any discrepancy or omission.

2.4 Confidentiality and copyright of documents

Treat as confidential all matters arising in connection with the tender. Use and copy the documents issued by the employer only for the purpose of preparing and submitting a tender offer in response to the invitation.

2.5 Reference documents

Obtain, as necessary for submitting a tender offer, copies of the latest version of standards, specifications, conditions of contract and other publications, which are not attached but which are incorporated into the tender documents by reference.

2.6 Acknowledge addenda

Acknowledge receipt of addenda to the tender documents, which the employer may issue, and if necessary apply for an extension to the closing time stated in the tender data, in order to take the addenda into account.

2.7 Site visit and clarification meeting

Attend, where required, a site visit and clarification meeting at which tenderers may familiarize themselves with aspects of the proposed work, services or supply, and raise questions. Details of the meeting(s) are stated in the tender data.

2.8 Seek clarification

Request clarification of the tender documents, if necessary, by notifying the employer at least five working days before the closing time stated in the tender data.

2.9 Insurance

Be aware that the extent of insurance to be provided by the employer (if any) might not be for the full cover required in terms of the conditions of contract identified in the contract data. The tenderer is advised to seek qualified advice regarding insurance.

2.10 Pricing the tender offer

2.10.1 Include in the rates, prices, and the tendered total of the prices (if any) all duties, taxes (except Value Added Tax (VAT), and other levies payable by the successful tenderer, such duties, taxes and levies being those applicable 14 days before the closing time stated in the tender data.

2.10.2 Show VAT payable by the employer separately as an addition to the tendered total of the prices.

2.10.3 Provide rates and prices that are fixed for the duration of the contract and not subject to adjustment except as provided for in the conditions of contract identified in the contract data.

2.10.4 State the rates and prices in Rand unless instructed otherwise in the tender data. The conditions of contract identified in the contract data may provide for part payment in other currencies.

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2.11 Alterations to documents

Do not make any alterations or additions to the tender documents, except to comply with instructions issued by the employer, or alterations or additions necessary to correct errors made by the tenderer. All signatories to the tender offer shall initial all such alterations. Erasures and the use of masking fluid are prohibited.

2.12 Alternative tender offers

- 2.12.1 Unless otherwise stated in the tender data, submit alternative tender offers only if a main tender offer, strictly in accordance with all the requirements of the tender documents, is also submitted as well as a schedule that compares the requirements of the tender documents with the alternative requirements that are proposed.
- 2.12.2 Accept that an alternative tender offer may be based only on the criteria stated in the tender data or criteria otherwise acceptable to the employer.
- 2.12.3 An alternative tender offer may only be considered in the event that the main tender offer is the winning tender.

2.13 Submitting a tender offer

- 2.13.1 Submit one tender offer only, either as a single tendering entity or as a member in a joint venture to provide the whole of the works, services or supply identified in the contract data and described in the scope of works, unless stated otherwise in the tender data.
- 2.13.2 Return all returnable documents to the employer after completing them in their entirety, either electronically (if they were issued in electronic format) or by writing legibly in non-erasable ink.
- 2.13.3 Submit the parts of the tender offer communicated on paper as an original plus the number of copies stated in the tender data, with an English translation of any documentation in a language other than English, and the parts communicated electronically in the same format as they were issued by the employer.
- 2.13.4 Sign the original and all copies of the tender offer where required in terms of the tender data. The employer will hold all authorized signatories liable on behalf of the tenderer. Signatories for tenderers proposing to contract as joint ventures shall state which of the signatories is the lead partner whom the employer shall hold liable for the purpose of the tender offer.
- 2.13.5 Seal the original and each copy of the tender offer as separate packages marking the packages as "ORIGINAL" and "COPY". Each package shall state on the outside the employer's address and identification details stated in the tender data, as well as the tenderer's name and contact address.
- 2.13.6 Where a two-envelope system is required in terms of the tender data, place and seal the returnable documents listed in the tender data in an envelope marked "financial proposal" and place the remaining returnable documents in an envelope marked "technical proposal". Each envelope shall state on the outside the employer's address and identification details stated in the tender data, as well as the tenderer's name and contact address.
- 2.13.7 Seal the original tender offer and copy packages together in an outer package that states on the outside only the employer's address and identification details as stated in the tender data.

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- 2.13.8 Accept that the employer will not assume any responsibility for the misplacement or premature opening of the tender offer if the outer package is not sealed and marked as stated.
- 2.13.9 Accept that tender offers submitted by facsimile or e-mail will be rejected by the employer, unless stated otherwise in the tender data.

2.14 Information and data to be completed in all respects

Accept that the tender offers, which do not provide all the data or information requested completely and in the form required, may be regarded by the employer as being non-responsive.

2.15 Closing time

- 2.15.1 Ensure that the employer receives the tender offer at the address specified in the tender data not later than the closing time stated in the tender data. Proof of posting shall not be accepted as proof of delivery. The employer shall not accept tender offers submitted by telegraph, telex, facsimile or e-mail, unless stated otherwise in the tender data.
- 2.15.2 Accept that, if the employer extends the closing time stated in the tender data for any reason, the requirements of the conditions of tender apply equally to the extended data.

2.16 Tender offer validity

- 2.16.1 Hold the tender offer(s) valid for acceptance by the employer at any time during the validity period stated in the tender data after the closing time stated in the tender data.
- 2.16.2 If requested by the employer, consider extending the validity period stated in the tender data for an agreed additional period with or without any conditions attached to such extension.
- 2.16.3 Accept that a tender submission that has been submitted to the employer may only be withdrawn or substituted by giving the employer's agent written notice before the closing time for tenders that a tender is to be withdrawn or substituted.
- 2.16.4 Where a tender submission is to be substituted, submit a substitute tender in accordance with the requirements of .2.13 with the packages clearly marked as "SUBSTITUTE"

2.17 Clarification of tender offer after submission

Provide clarification of a tender offer in response to a request to do so from the employer during the evaluation of tender offers. This may include providing a breakdown of rates or prices and correction of arithmetical errors by the adjustment of certain rates or item prices (or both). No change in the competitive position of tenderers or substance of the tender offer is sought, offered, or permitted.

Note: Sub-clause .2.17 does not preclude the negotiation of the final terms of the contract with a preferred tenderer following a competitive selection process, should the Employer elect to do so.

2.18 Provide other material

- 2.18.1 Provide, on request by the employer, any other material that has a bearing on the tender offer, the tenderer's commercial position (including notarized joint venture agreements), preferencing arrangements, or samples of materials, considered necessary by the employer for the purpose of a full and fair risk assessment. Should the tenderer not provide the material, or a satisfactory reason as to why it cannot be provided, by the

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time for submission stated in the employer's request, the employer may regard the tender offer as non-responsive.

- 2.18.2 Dispose of samples of materials provided for evaluation by the employer, where required.

2.19 Inspections, test and analysis

Provide access during working hours to premises for inspections, test and analysis as provided for in the tender data.

2.20 Submit securities, bonds, policies, etc.

If requested, submit for the employer's acceptance before formation of the contract, all securities, bonds, guarantees, policies and certificates of insurance required in terms of the conditions of contract identified in the contract data.

2.21 Check final draft

Check the final draft of the contract provided by the employer within the time available for the employer to issue the contract.

2.22 Return of other tender documents

If so instructed by the employer, return all retained tender documents within 28 days after the expiry of the validity period stated in the tender data.

2.23 Certificates

Include in the tender submission or provide the employer with any certificates as stated in the tender data.

3. EMPLOYER'S UNDERTAKINGS

3.1 Respond to requests from the tenderer

- 3.1.1 Unless otherwise stated in the tender Data, respond to a request for clarification received up to five working days before the tender closing time stated in the Tender Data and notify all tenderers who drew procurement documents.

- 3.1.2 Consider any request to make a material change in the capabilities or formation of the tendering entity (or both) or any other criteria which formed part of the qualifying requirements used to prequalify a tenderer to submit a tender offer in terms of a previous procurement process and deny any such request if as a consequence:

- an individual firm, or a joint venture as a whole, or any individual member of the joint venture fails to meet any of the collective or individual qualifying requirements;
- the new partners to a joint venture were not prequalified in the first instance, either as individual firms or as another joint venture; or
- in the opinion of the Employer, acceptance of the material change would compromise the outcome of the prequalification process.

3.2 Issue addenda

If necessary, issue addenda that may amend or amplify the tender documents to each tenderer during the period from the date that tender documents are available until three days before the tender closing time stated in the Tender Data. If, as a result a tenderer applies for an extension to the closing time stated in the Tender Data, the Employer may grant such extension and, shall then notify all

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tenderers who drew documents.

3.3 Return late tender offers

Return tender offers received after the closing time stated in the Tender Data, unopened, (unless it is necessary to open a tender submission to obtain a forwarding address), to the tenderer concerned.

3.4 Opening of tender submissions

3.4.1 Unless the two-envelope system is to be followed, open valid tender submissions in the presence of tenderers' agents who choose to attend at the time and place stated in the tender data. Tender submissions for which acceptable reasons for withdrawal have been submitted will not be opened.

3.4.2 Announce at the meeting held immediately after the opening of tender submissions, at a venue indicated in the tender data, the name of each tenderer whose tender offer is opened and, where applicable, the total of his prices, number of points claimed for its BBBEE status level and time for completion for the main tender offer only.

3.4.3 Make available the record outlined in 3.4.2 to all interested persons upon request

3.5 Two envelope system

3.5.1 Where stated in the tender data that a two-envelope system is to be followed, open only the technical proposal of valid tenders in the presence of tenderers' agents who choose to attend at the time and place stated in the tender data and announce the name of each tenderer whose technical proposal is opened.

3.5.2 Evaluate functionality of the technical proposals offered by tenderers, then advise tenderers who remain in contention for the award of the contract of the time and place when the financial proposals will be opened. Open only the financial proposals of tenderers, who score in the functionality evaluation more than the minimum number of points for functionality stated in the tender data, and announce the score obtained for the technical proposals and the total price and any points claimed on BBBEE status level. Return unopened financial proposals to tenderers whose technical proposals failed to achieve the minimum number of points for functionality.

3.6 Non-disclosure

Not disclose to tenderers, or to any other person not officially concerned with such processes, information relating to the evaluation and comparison of tender offers, the final evaluation price and recommendations for the award of a contract, until after the award of the contract to the successful tenderer.

3.7 Grounds for rejection and disqualification

Determine whether there has been any effort by a tenderer to influence the processing of tender offers and instantly disqualify a tenderer (and his tender offer) if it is established that he engaged in corrupt or fraudulent practices.

3.8 Test for responsiveness

3.8.1 Determine, after opening and before detailed evaluation, whether each tender offer properly received:

- a) complies with the requirements of these Conditions of Tender,
- b) has been properly and fully completed and signed, and
- c) is responsive to the other requirements of the tender documents.

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3.8.2 A responsive tender is one that conforms to all the terms, conditions, and specifications of the tender documents without material deviation or qualification. A material deviation or qualification is one which, in the Employer's opinion, would:

- a) detrimentally affect the scope, quality, or performance of the works, services or supply identified in the Scope of Work,
- b) significantly change the Employer's or the tenderer's risks and responsibilities under the contract, or
- c) affect the competitive position of other tenderers presenting responsive tenders, if it were to be rectified.

Reject a non-responsive tender offer, and not allow it to be subsequently made responsive by correction or withdrawal of the non- conforming deviation or reservation.

3.9 Arithmetical errors, omissions and discrepancies

3.9.1 Check responsive tenders for discrepancies between amounts in words and amounts in figures. Where there is a discrepancy between the amounts in figures and the amount in words, the amount in words shall govern.

3.9.2 Check the highest ranked tender or tenderer with the highest number of tender evaluation points after the evaluation of tender offers in accordance with 3.11 for:

- a) the gross misplacement of the decimal point in any unit rate;
- b) omissions made in completing the pricing schedule or bills of quantities; or
- c) arithmetic errors in:
 - i) line item totals resulting from the product of a unit rate and a quantity in bills of quantities or schedules of prices; or
 - ii) the summation of the prices.

3.9.3 Notify the tenderer of all errors or omissions that are identified in the tender offer and either confirm the tender as tendered or accept the corrected total of prices.

3.9.4 Where the tenderer elects to confirm the tender offer as tendered, correct the errors as follows.

- a) If bills of quantities or pricing schedules apply and there is an error in the line item total resulting from the product of the unit rate and the quantity, the line item total shall govern and the rate shall be corrected. Where there is an obviously gross misplacement of the decimal point in the unit rate, the line item total as quoted shall govern, and the unit rate shall be corrected.
- b) Where there is an error in the total of the prices either as a result of other corrections required by this checking process or in the tenderer's addition of prices, the total of the prices shall govern and the tenderer will be asked to revise selected item prices (and their rates if bills of quantities apply) to achieve the tendered total of the prices.

3.10 Clarification of a tender offer

Obtain clarification from a tenderer on any matter that could give rise to ambiguity in a contract arising from the tender offer.

3.11 Evaluation of tender offers

The Standard Conditions of Tender standardize the procurement processes, methods and procedures from the time that tenders are invited to the time that a contract is awarded. They are generic in nature and are made project specific through choices that are made in developing the Tender Data associated with a specific project. Conditions of tender are by definition the document that establishes a tenderer's obligations in submitting a tender and the employer's undertakings in soliciting and evaluating tender offers. Such conditions establish the rules from the

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time a tender is advertised to the time that a contract is awarded and require employers to conduct the process of offer and acceptance in terms of a set of standard procedures.

The CIDB Standard Conditions of Tender are based on a procurement system that satisfies the following system requirements:	
Requirement	Qualitative interpretation of goal
Fair	The process of offer and acceptance is conducted impartially without bias, providing simultaneous and timely access to participating parties to the same information.
Equitable	Terms and conditions for performing the work do not unfairly prejudice the interests of the parties.
Transparent	The only grounds for not awarding a contract to a tenderer who satisfies all requirements are restrictions from doing business with the employer, lack of capability or capacity, legal impediments and conflicts of interest.
Competitive	The system provides for appropriate levels of competition to ensure cost effective and best value outcomes.

The activities associated with evaluating tender offers are as follows:

- a) Open and record tender offers received
- b) Determine whether or not tender offers are complete
- c) Determine whether or not tender offers are responsive
- d) Evaluate tender offers
- e) Determine if there are any grounds for disqualification
- f) Determine acceptability of preferred tenderer
- g) Prepare a tender evaluation report
- h) Confirm the recommendation contained in the tender evaluation report

3.11.1 General

The employer must appoint an evaluation panel of not less than three persons conversant with the proposed scope of works to evaluate each responsive tender offer using the tender evaluation methods and associated evaluation criteria and weightings that are specified in the tender data.

3.12 Insurance provided by the employer

If requested by the proposed successful tenderer, submit for the tenderer's information the policies and / or certificates of insurance which the conditions of contract identified in the contract data, require the employer to provide.

3.13 Acceptance of tender offer

Accept the tender offer, if in the opinion of the employer, it does not present any risk and only if the tenderer:

- a) is not under restrictions, or has principals who are under restrictions, preventing participating in the employer's procurement,
- b) can, as necessary and in relation to the proposed contract, demonstrate that he or she possesses the professional and technical qualifications, professional and technical competence, financial resources, equipment and other physical facilities, managerial capability, reliability, experience and reputation, expertise and the personnel, to perform the contract,
- c) has the legal capacity to enter into the contract,
- d) is not insolvent, in receivership, under Business Rescue as provided for in chapter 6 of the Companies Act, 2008, bankrupt or being wound up, has his affairs administered by a court or a judicial officer, has suspended his business activities, or is subject to legal proceedings in respect of any of the foregoing,
- e) complies with the legal requirements, if any, stated in the tender data, and

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f) is able, in the opinion of the employer, to perform the contract free of conflicts of interest.

3.14 Prepare contract documents

3.14.1 If necessary, revise documents that shall form part of the contract and that were issued by the employer as part of the tender documents to take account of:

- a) addenda issued during the tender period,
- b) inclusion of some of the returnable documents, and
- c) other revisions agreed between the employer and the successful tenderer.

3.14.2 Complete the schedule of deviations attached to the form of offer and acceptance, if any.

3.15 Complete adjudicator's contract

Unless alternative arrangements have been agreed or otherwise provided for in the contract, arrange for both parties to complete formalities for appointing the selected adjudicator at the same time as the main contract is signed.

3.16 Registration of the award

An employer must within twenty-one (21) days from the date on which a contractor's offer to perform a construction works contract is accepted in writing by the employer, register and publish the award on the CIDB Register of Projects.

3.17 Provide copies of the contracts

Provide to the successful tenderer the number of copies stated in the Tender Data of the signed copy of the contract as soon as possible after completion and signing of the form of offer and acceptance.

3.18 Provide written reasons for actions taken

Provide upon request written reasons to tenderers for any action that is taken in applying these conditions of tender, but withhold information which is not in the public interest to be divulged, which is considered to prejudice the legitimate commercial interests of tenderers or might prejudice fair competition between tenderers.

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VAAL CENTRAL WATER

CONTRACT NO. WR283/ARWWTW/22

REFURBISHMENT OF THE NYAKALLONG (ALLANRIDGE) WWTW: CIVIL, MECHANICAL AND ELECTRICAL, CONTROL & INSTRUMENTATION

PART T2:

RETURNABLE DOCUMENTS AND SCHEDULES


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VAAL CENTRAL WATER

CONTRACT NO. BW283/ARWWTW/22

REFURBISHMENT OF THE NYAKALLONG (ALLANRIDGE) WWTW: CIVIL, MECHANICAL AND ELECTRICAL, CONTROL & INSTRUMENTATION

RETURNABLE DOCUMENTS

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VAAL CENTRAL WATER

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REFURBISHMENT OF THE NYAKALLONG (ALLANRIDGE) WWTW: CIVIL, MECHANICAL AND ELECTRICAL, CONTROL & INSTRUMENTATION

SECTION T2.1

RETURNABLE SCHEDULES REQUIRED FOR BID EVALUATION PURPOSES

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VAAL CENTRAL WATER

CONTRACT NO. BW283/ARWWTW/22

**REFURBISHMENT OF THE NYAKALLONG (ALLANRIDGE) WWTW:
CIVIL, MECHANICAL AND ELECTRICAL, CONTROL & INSTRUMENTATION**

T2.1 RETURNABLE SCHEDULES REQUIRED FOR BID EVALUATION PURPOSES

The tenderer must complete the following returnable documents:

VOLUME 1 & 2: TENDER DOCUMENT in its entirety.

The information the tenderer shall supply in his tender or attached to his tender shall include, but not be limited to the documents and schedules as set out below.

Other documents required for tender evaluation purposes:

Standard Bidding Documents (SBD)

The following standard SBD's should be completed (if applicable) legibly and in full in terms of the requirements of the National Treasury of the Republic of South Africa:

- SBD1: Invitation to Bid and Company Information
- SBD1: Disclosure Form
- SBD6.1: Preference Points Claim (Preferential Procurement Regulations 2022)

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SBD 1

PART A INVITATION TO BID

YOU ARE HEREBY INVITED TO BID FOR REQUIREMENTS OF THE (NAME OF DEPARTMENT/ PUBLIC ENTITY)					
BID NUMBER:		CLOSING DATE:		CLOSING TIME:	
DESCRIPTION					
THE SUCCESSFUL BIDDER WILL BE REQUIRED TO FILL IN AND SIGN A WRITTEN CONTRACT FORM (SBD7).					
BID RESPONSE DOCUMENTS MAY BE DEPOSITED IN THE BID BOX SITUATED AT (STREET ADDRESS)					
SUPPLIER INFORMATION					
NAME OF BIDDER					
POSTAL ADDRESS					
STREET ADDRESS					
TELEPHONE NUMBER	CODE		NUMBER		
CELLPHONE NUMBER					
FACSIMILE NUMBER	CODE		NUMBER		
E-MAIL ADDRESS					
VAT REGISTRATION NUMBER					
		TCS PIN:		OR	CSD No:
B-BBEE STATUS LEVEL VERIFICATION CERTIFICATE [TICK APPLICABLE BOX]		☐ Yes ☐ No		B-BBEE STATUS LEVEL SWORN AFFIDAVIT ☐ Yes ☐ No	
IF YES, WHO WAS THE CERTIFICATE ISSUED BY?					
AN ACCOUNTING OFFICER AS CONTEMPLATED IN THE CLOSE CORPORATION ACT (CCA) AND NAME THE APPLICABLE IN THE TICK BOX		☐ AN ACCOUNTING OFFICER AS CONTEMPLATED IN THE CLOSE CORPORATION ACT (CCA)			
		☐ A VERIFICATION AGENCY ACCREDITED BY THE SOUTH AFRICAN ACCREDITATION SYSTEM (SANAS)			
		☐ A REGISTERED AUDITOR			
		NAME: _____			
[A B-BBEE STATUS LEVEL VERIFICATION CERTIFICATE/SWORN AFFIDAVIT(FOR EMEs& QSEs) MUST BE SUBMITTED IN ORDER TO QUALIFY FOR PREFERENCE POINTS FOR B-BBEE]					
ARE YOU THE ACCREDITED REPRESENTATIVE IN SOUTH AFRICA FOR THE GOODS /SERVICES /WORKS OFFERED?		☐ Yes ☐ No [IF YES ENCLOSE PROOF]		ARE YOU A FOREIGN BASED SUPPLIER FOR THE GOODS /SERVICES /WORKS OFFERED? ☐ Yes ☐ No [IF YES ANSWER PART B:3 BELOW]	
SIGNATURE OF BIDDER				DATE	
CAPACITY UNDER WHICH THIS BID IS SIGNED (Attach proof of authority to sign this bid; e.g. resolution of directors, etc.)					
TOTAL NUMBER OF ITEMS OFFERED				TOTAL BID PRICE (ALL INCLUSIVE)	

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

BIDDING PROCEDURE ENQUIRIES MAY BE DIRECTED TO:		TECHNICAL INFORMATION MAY BE DIRECTED TO:	
DEPARTMENT/ PUBLIC ENTITY		CONTACT PERSON	
CONTACT PERSON		TELEPHONE NUMBER	
TELEPHONE NUMBER		FACSIMILE NUMBER	
FACSIMILE NUMBER		E-MAIL ADDRESS	
E-MAIL ADDRESS			

PART B TERMS AND CONDITIONS FOR BIDDING

1. BID SUBMISSION:								
1.1. BIDS MUST BE DELIVERED BY THE STIPULATED TIME TO THE CORRECT ADDRESS. LATE BIDS WILL NOT BE ACCEPTED FOR CONSIDERATION. 1.2. ALL BIDS MUST BE SUBMITTED ON THE OFFICIAL FORMS PROVIDED–(NOT TO BE RE-TYPED) OR ONLINE 1.3. BIDDERS MUST REGISTER ON THE CENTRAL SUPPLIER DATABASE (CSD) TO UPLOAD MANDATORY INFORMATION NAMELY: (BUSINESS REGISTRATION/ DIRECTORSHIP/ MEMBERSHIP/IDENTITY NUMBERS; TAX COMPLIANCE STATUS; AND BANKING INFORMATION FOR VERIFICATION PURPOSES). B-BBEE CERTIFICATE OR SWORN AFFIDAVIT FOR B-BBEE MUST BE SUBMITTED TO BIDDING INSTITUTION. 1.4. WHERE A BIDDER IS NOT REGISTERED ON THE CSD, MANDATORY INFORMATION NAMELY: (BUSINESS REGISTRATION/ DIRECTORSHIP/ MEMBERSHIP/IDENTITY NUMBERS; TAX COMPLIANCE STATUS MAY NOT BE SUBMITTED WITH THE BID DOCUMENTATION. B-BBEE CERTIFICATE OR SWORN AFFIDAVIT FOR B-BBEE MUST BE SUBMITTED TO BIDDING INSTITUTION. 1.5. THIS BID IS SUBJECT TO THE PREFERENTIAL PROCUREMENT POLICY FRAMEWORK ACT 2000 AND THE PREFERENTIAL PROCUREMENT REGULATIONS, 2017, THE GENERAL CONDITIONS OF CONTRACT (GCC) AND, IF APPLICABLE, ANY OTHER LEGISLATION OR SPECIAL CONDITIONS OF CONTRACT.								
2. TAX COMPLIANCE REQUIREMENTS								
2.1 BIDDERS MUST ENSURE COMPLIANCE WITH THEIR TAX OBLIGATIONS. 2.2 BIDDERS ARE REQUIRED TO SUBMIT THEIR UNIQUE PERSONAL IDENTIFICATION NUMBER (PIN) ISSUED BY SARS TO ENABLE THE ORGAN OF STATE TO VIEW THE TAXPAYER'S PROFILE AND TAX STATUS. 2.3 APPLICATION FOR TAX COMPLIANCE STATUS (TCS) OR PIN MAY ALSO BE MADE VIA E-FILE. IN ORDER TO USE THIS PROVISION, TAXPAYERS WILL NEED TO REGISTER WITH SARS AS E-FILERS THROUGH THE WEBSITE WWW.SARS.GOV.ZA. 2.4 BIDDERS MAY ALSO SUBMIT A PRINTED TCS TOGETHER WITH THE BID. 2.5 IN BIDS WHERE CONSORTIA / JOINT VENTURES / SUB-CONTRACTORS ARE INVOLVED, EACH PARTY MUST SUBMIT A SEPARATE PROOF OF TCS / PIN / CSD NUMBER. 2.6 WHERE NO TCS IS AVAILABLE BUT THE BIDDER IS REGISTERED ON THE CENTRAL SUPPLIER DATABASE (CSD), A CSD NUMBER MUST BE PROVIDED.								
3. QUESTIONNAIRE TO BIDDING FOREIGN SUPPLIERS								
<table style="width: 100%; border: none;"> <tr> <td style="width: 70%;">3.1. IS THE BIDDER A RESIDENT OF THE REPUBLIC OF SOUTH AFRICA (RSA)?</td> <td style="width: 30%; text-align: right;">☐ YES ☐ NO</td> </tr> <tr> <td>3.2. DOES THE BIDDER HAVE A BRANCH IN THE RSA?</td> <td style="text-align: right;">☐ YES ☐ NO</td> </tr> <tr> <td>3.3. DOES THE BIDDER HAVE A PERMANENT ESTABLISHMENT IN THE RSA?</td> <td style="text-align: right;">☐ YES ☐ NO</td> </tr> <tr> <td>3.4. DOES THE BIDDER HAVE ANY SOURCE OF INCOME IN THE RSA?</td> <td style="text-align: right;">☐ YES ☐ NO</td> </tr> </table> IF THE ANSWER IS "NO" TO ALL OF THE ABOVE, THEN, IT IS NOT A REQUIREMENT TO OBTAIN A TAX COMPLIANCE STATUS / TAX COMPLIANCE SYSTEM PIN CODE FROM THE SOUTH AFRICAN REVENUE SERVICE (SARS) AND IF NOT REGISTER AS PER 2.3 ABOVE.	3.1. IS THE BIDDER A RESIDENT OF THE REPUBLIC OF SOUTH AFRICA (RSA)?	☐ YES ☐ NO	3.2. DOES THE BIDDER HAVE A BRANCH IN THE RSA?	☐ YES ☐ NO	3.3. DOES THE BIDDER HAVE A PERMANENT ESTABLISHMENT IN THE RSA?	☐ YES ☐ NO	3.4. DOES THE BIDDER HAVE ANY SOURCE OF INCOME IN THE RSA?	☐ YES ☐ NO
3.1. IS THE BIDDER A RESIDENT OF THE REPUBLIC OF SOUTH AFRICA (RSA)?	☐ YES ☐ NO							
3.2. DOES THE BIDDER HAVE A BRANCH IN THE RSA?	☐ YES ☐ NO							
3.3. DOES THE BIDDER HAVE A PERMANENT ESTABLISHMENT IN THE RSA?	☐ YES ☐ NO							
3.4. DOES THE BIDDER HAVE ANY SOURCE OF INCOME IN THE RSA?	☐ YES ☐ NO							

NB: FAILURE TO PROVIDE ANY OF THE ABOVE PARTICULARS MAY RENDER THE BID INVALID.

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

SBD 4

BIDDER'S DISCLOSURE

1. PURPOSE OF THE FORM

Any person (natural or juristic) may make an offer or offers in terms of this invitation to bid. In line with the principles of transparency, accountability, impartiality, and ethics as enshrined in the Constitution of the Republic of South Africa and further expressed in various pieces of legislation, it is required for the bidder to make this declaration in respect of the details required hereunder.

Where a person/s are listed in the Register for Tender Defaulters and / or the List of Restricted Suppliers, that person will automatically be disqualified from the bid process.

2. BIDDER'S DECLARATION

2.1 Is the bidder, or any of its directors / trustees / shareholders / members / partners or any person having a controlling interest¹ in the enterprise, employed by the state? **YES / NO**

2.1.1 If so, furnish particulars of the names, individual identity numbers, and, if applicable, state employee numbers of sole proprietor/ directors / trustees / shareholders / members/ partners or any person having a controlling interest in the enterprise, in table below.

Full Name	Identity Number	Name of State institution

¹ the power, by one person or a group of persons holding the majority of the equity of an enterprise, alternatively, the person/s having the deciding vote or power to influence or to direct the course and decisions of the enterprise.

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

2.2 Do you, or any person connected with the bidder, have a relationship with any person who is employed by the procuring institution? **YES / NO**

2.2.1 If so, furnish particulars:

.....

2.3 Does the bidder or any of its directors / trustees / shareholders / members / partners or any person having a controlling interest in the enterprise have any interest in any other related enterprise whether or not they are bidding for this contract? **YES / NO**

2.3.1 If so, furnish particulars:

.....

3 DECLARATION

I, the undersigned, (name)..... in submitting the accompanying bid, do hereby make the following statements that I certify to be true and complete in every respect:

- 3.1 I have read and I understand the contents of this disclosure;
- 3.2 I understand that the accompanying bid will be disqualified if this disclosure is found not to be true and complete in every respect;
- 3.3 The bidder has arrived at the accompanying bid independently from, and without consultation, communication, agreement or arrangement with any competitor. However, communication between partners in a joint venture or consortium² will not be construed as collusive bidding.
- 3.4 In addition, there have been no consultations, communications, agreements or arrangements with any competitor regarding the quality, quantity, specifications, prices, including methods, factors or formulas used to calculate prices, market allocation, the intention or decision to submit or not to

² Joint venture or Consortium means an association of persons for the purpose of combining their expertise, property, capital, efforts, skill and knowledge in an activity for the execution of a contract.

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

submit the bid, bidding with the intention not to win the bid and conditions or delivery particulars of the products or services to which this bid invitation relates.

- 3.4 The terms of the accompanying bid have not been, and will not be, disclosed by the bidder, directly or indirectly, to any competitor, prior to the date and time of the official bid opening or of the awarding of the contract.
- 3.5 There have been no consultations, communications, agreements or arrangements made by the bidder with any official of the procuring institution in relation to this procurement process prior to and during the bidding process except to provide clarification on the bid submitted where so required by the institution; and the bidder was not involved in the drafting of the specifications or terms of reference for this bid.
- 3.6 I am aware that, in addition and without prejudice to any other remedy provided to combat any restrictive practices related to bids and contracts, bids that are suspicious will be reported to the Competition Commission for investigation and possible imposition of administrative penalties in terms of section 59 of the Competition Act No 89 of 1998 and or may be reported to the National Prosecuting Authority (NPA) for criminal investigation and or may be restricted from conducting business with the public sector for a period not exceeding ten (10) years in terms of the Prevention and Combating of Corrupt Activities Act No 12 of 2004 or any other applicable legislation.

I CERTIFY THAT THE INFORMATION FURNISHED IN PARAGRAPHS 1, 2 and 3 ABOVE IS CORRECT.

I ACCEPT THAT THE STATE MAY REJECT THE BID OR ACT AGAINST ME IN TERMS OF PARAGRAPH 6 OF PFMA SCM INSTRUCTION 03 OF 2021/22 ON PREVENTING AND COMBATING ABUSE IN THE SUPPLY CHAIN MANAGEMENT SYSTEM SHOULD THIS DECLARATION PROVE TO BE FALSE.

.....
 Signature Date

.....
 Position Name of Bidder

Contractor	Witness 1	Witness 2	Employer	Witness 1	Witness 2

PREFERENCE POINTS CLAIM FORM IN TERMS OF THE PREFERENTIAL PROCUREMENT REGULATIONS 2022

This preference form must form part of all tenders invited. It contains general information and serves as a claim form for preference points for specific goals.

NB: BEFORE COMPLETING THIS FORM, TENDERERS MUST STUDY THE GENERAL CONDITIONS, DEFINITIONS AND DIRECTIVES APPLICABLE IN RESPECT OF THE TENDER AND PREFERENTIAL PROCUREMENT REGULATIONS, 2022

1. GENERAL CONDITIONS

1.1 The following preference point systems are applicable to invitations to tender:

- the 80/20 system for requirements with a Rand value of up to R50 000 000 (all applicable taxes included); and
- the 90/10 system for requirements with a Rand value above R50 000 000 (all applicable taxes included).

1.2 **To be completed by the organ of state**

(delete whichever is not applicable for this tender).

a) The applicable preference point system for this tender is the **80/20** preference point system.

b) **80/20** preference point system will be applicable in this tender. The lowest/ highest acceptable tender will be used to determine the accurate system once tenders are received.

1.3 Points for this tender (even in the case of a tender for income-generating contracts) shall be awarded for:

- (a) Price; and
- (b) Specific Goals.

1.4 **To be completed by the organ of state:**

The maximum points for this tender are allocated as follows:

	POINTS
PRICE	
SPECIFIC GOALS	
Total points for PRICE and SPECIFIC GOALS	100

1.5 Failure on the part of a tenderer to submit proof or documentation required in terms of this tender to claim points for specific goals with the tender, will be interpreted to mean that preference points for specific goals are not claimed.

1.6 The organ of state reserves the right to require of a tenderer, either before a tender is adjudicated or at any time subsequently, to substantiate any claim in regard to preferences, in any manner required by the organ of state.

2. DEFINITIONS

a) **“tender”** means a written offer in the form determined by an organ of state in response to an invitation to provide goods or services through price quotations, competitive tendering process or any other method envisaged in legislation;

b) **“price”** means an amount of money tendered for goods or services, and includes all applicable taxes less all unconditional discounts;

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

- c) **“rand value”** means the total estimated value of a contract in Rand, calculated at the time of bid invitation, and includes all applicable taxes;
- d) **“tender for income-generating contracts”** means a written offer in the form determined by an organ of state in response to an invitation for the origination of income-generating contracts through any method envisaged in legislation that will result in a legal agreement between the organ of state and a third party that produces revenue for the organ of state, and includes, but is not limited to, leasing and disposal of assets and concession contracts, excluding direct sales and disposal of assets through public auctions; and
- e) **“the Act”** means the Preferential Procurement Policy Framework Act, 2000 (Act No. 5 of 2000).

3. FORMULAE FOR PROCUREMENT OF GOODS AND SERVICES

3.1 POINTS AWARDED FOR PRICE

3.1.1 THE 80/20 OR 90/10 PREFERENCE POINT SYSTEMS

A maximum of 80 or 90 points is allocated for price on the following basis:

$$\begin{array}{ccc} \mathbf{80/20} & \mathbf{or} & \mathbf{90/10} \\ \\ \mathbf{Ps = 80 \left(1 - \frac{Pt - P_{min}}{P_{min}} \right)} & \mathbf{or} & \mathbf{Ps = 90 \left(1 - \frac{Pt - P_{min}}{P_{min}} \right)} \end{array}$$

Where

Ps = Points scored for price of tender under consideration

Pt = Price of tender under consideration

Pmin = Price of lowest acceptable tender

3.2 FORMULAE FOR DISPOSAL OR LEASING OF STATE ASSETS AND INCOME GENERATING PROCUREMENT

3.2.1 POINTS AWARDED FOR PRICE

A maximum of 80 or 90 points is allocated for price on the following basis:

$$\begin{array}{ccc} \mathbf{80/20} & \mathbf{or} & \mathbf{90/10} \\ \\ \mathbf{Ps = 80 \left(1 + \frac{Pt - P_{max}}{P_{max}} \right)} & \mathbf{or} & \mathbf{Ps = 90 \left(1 + \frac{Pt - P_{max}}{P_{max}} \right)} \end{array}$$

Where

Ps = Points scored for price of tender under consideration

Pt = Price of tender under consideration

Pmax = Price of highest acceptable tender

4. POINTS AWARDED FOR SPECIFIC GOALS

4.1 In terms of Regulation 4(2); 5(2); 6(2) and 7(2) of the Preferential Procurement Regulations, preference points must be awarded for specific goals stated in the tender. For the purposes of this tender the tenderer will be allocated points based on the goals stated in table 1 below as may be supported by proof/ documentation stated in the conditions of this tender:

4.2 In cases where organs of state intend to use Regulation 3(2) of the Regulations, which states that, if it is unclear whether the 80/20 or 90/10 preference point system applies, an organ of state must, in the tender documents, stipulate in the case of—

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

- (a) an invitation for tender for income-generating contracts, that either the 80/20 or 90/10 preference point system will apply and that the highest acceptable tender will be used to determine the applicable preference point system; or
- (b) any other invitation for tender, that either the 80/20 or 90/10 preference point system will apply and that the lowest acceptable tender will be used to determine the applicable preference point system,

then the organ of state must indicate the points allocated for specific goals for both the 90/10 and 80/20 preference point system.

Table 1: Specific goals for the tender and points claimed are indicated per the table below.

(Note to organs of state: Where either the 90/10 or 80/20 preference point system is applicable, corresponding points must also be indicated as such.)

Note to tenderers: The tenderer must indicate how they claim points for each preference point system.)

Categories of People Historically Disadvantaged Individuals	Requirements	Number of points (80/20 system)	Number of points (90/10 system)	Number of points allocated (80/20 system) (To be completed by the Tenderer)		Number of points allocated (90/10 system) (To be completed by the Tenderer)	
Blacks and people who had no franchise on national elections before 1994 constitution (more than 50% ownership)	Certified ID copy and CIPC registration/ CSD report	5	3				
Women (more than 50% ownership)	Certified ID copy and CIPC registration/ CSD report	5	2				
Youth (more than 50% ownership)	Certified ID copy and CIPC registration/ CSD report	3	1				
People with disability (more than 50% ownership)	Medical report sanctioned by qualified professional and CIPC registration/ CSD report	3	1				
				CATEGORIES OF RDP GOALS			
Promotion of BBBEE companies	Sworn affidavits/ CIPC/ BBBEE certificate	4 or 3	BBBEE level	1	2	3	4+
			Points(80/20)	4	3	1	0
			Points(90/10)	3	2	1	0
			Please tick applicable column				
Total Points Claimed							

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

5. DECLARATION WITH REGARD TO COMPANY/FIRM

5.1 Name of company/firm.....

5.2 Company registration number:

5.3 TYPE OF COMPANY/ FIRM

- ☐ Partnership/Joint Venture / Consortium
- ☐ One-person business/sole propriety
- ☐ Close corporation
- ☐ Public Company
- ☐ Personal Liability Company
- ☐ (Pty) Limited
- ☐ Non-Profit Company
- ☐ State Owned Company

[TICK APPLICABLE BOX]

5.4 I, the undersigned, who is duly authorised to do so on behalf of the company/firm, certify that the points claimed, based on the specific goals as advised in the tender, qualifies the company/ firm for the preference(s) shown and I acknowledge that:

- i) The information furnished is true and correct;
- ii) The preference points claimed are in accordance with the General Conditions as indicated in paragraph 1 of this form;
- iii) In the event of a contract being awarded as a result of points claimed as shown in paragraphs 1.4 and 4.2, the contractor may be required to furnish documentary proof to the satisfaction of the organ of state that the claims are correct;
- iv) If the specific goals have been claimed or obtained on a fraudulent basis or any of the conditions of contract have not been fulfilled, the organ of state may, in addition to any other remedy it may have –
 - (a) disqualify the person from the tendering process;
 - (b) recover costs, losses or damages it has incurred or suffered as a result of that person's conduct;
 - (c) cancel the contract and claim any damages which it has suffered as a result of having to make less favourable arrangements due to such cancellation;
 - (d) recommend that the tenderer or contractor, its shareholders and directors, or only the shareholders and directors who acted on a fraudulent basis, be restricted from obtaining business from any organ of state for a period not exceeding 10 years, after the *audi alteram partem* (hear the other side) rule has been applied; and
 - (e) forward the matter for criminal prosecution, if deemed necessary.

.....
SIGNATURE(S) OF TENDERER(S)

SURNAME AND NAME:

DATE:

ADDRESS:

.....

.....

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

FORM 2.1.1 RECORD OF ADDENDA TO BID DOCUMENTS

We confirm that the following communications received from the Procuring Department before the submission of this bid offer, amending the bid documents, have been taken into account in this bid offer:

	Date	Title or Details
1		Confirmatory notes of compulsory site/clarification meeting
2		
3		
4		
5		
6		
7		
8		
9		

Attach additional pages if more space is required.

.....

Signature of Authorized person:

.....

Date:

Name:

Position:

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

FORM 2.1.2 CERTIFICATE OF ATTENDANCE AT CLARIFICATION MEETING

This is to certify that (tenderer)..... of
 (address).....

..... was represented by the person(s) named below
 at the compulsory meeting held for all tenderers at

(location).....on

(date)..... starting at (time)

I / We acknowledge that the purpose of the meeting was to acquaint myself / ourselves with the Site of the Works and its surroundings and / or matters incidental to doing the work specified in the Tender Documents in order for me / us to take account of everything necessary when compiling our rates and prices included in the tender. I / We also acknowledge that I / we have examined the Site Data made available by the Employer (including borehole cores and related information).

Particulars of person(s) attending the meeting:

Name:

Signature:

Capacity:

Name:

Signature:

Capacity:

Attendance of the above person(s) at the meeting is confirmed by the Employer's representative, namely:

Name:

Signature:

Capacity:

Date and Time:

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

FORM 2.1.3 REGISTRATION CERTIFICATE/AGREEMENT/POWERS OF ATTORNEY/ID DOCUMENT (IF APPLICABLE)

Important note to Tenderer: Registration Certificates for Companies, Close Corporation and Partnerships, or Agreements and Powers of Attorney for Joint Ventures, or ID Document for Sole Proprietor, all as referred to in the foregoing forms and in T2.2.6 must be inserted here.

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2



FORM 2.1.4 PROPOSED JOINT VENTURE AGREEMENT

The following legal business entities agree to deliver the services and/or goods as required under this Contract as a Joint Venture as follows:

Name and Addresses of Joint Venture:
.....
.....

Consisting of the following businesses (Joining Entities)

NAME JOINING ENTITY	TAX No	PROPORTIONAL PAYMENT THAT WILL BE RECEIVED UNDER THIS CONTRACT
.....		 %
.....		 %
.....		 %
.....		 %
.....		 %

The above-mentioned Joint venture will execute the Contract under the management of (full name)
.....
who is an employee of (name of joining entity) ;
and in accordance with any further agreements as attached to this document, titled
.....
and dated(if applicable).

Contractor	Witness 1	Witness 2	Employer	Witness 1	Witness 2
-----------------------------------	----------------------------------	----------------------------------	---------------------------------	----------------------------------	----------------------------------



Bank guarantees and retention money (where required) will be provided or paid by (name of joining entity)

.....
who will be responsible for the fulfilment of the retention obligations (where required) asset out in the Contract Document.

Signed by the duly authorized representatives of the above-mentioned Joint Entities:

**JOINING ENTITY AND
POSITION**

	FULL NAME (Position)	SIGNATURE	DATE
.....			
.....			
.....			
.....			

WITNESSES: 1.

 2.

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

FORM 2.1.5 CERTIFICATE OF AUTHORITY OF SIGNATURE

Indicate the status of the Tenderer by ticking the appropriate box hereunder. The Tenderer must complete the certificate set out below for the relevant category.

(I) COMPANY	(II) CLOSE CORPORATION	(III) PARTHERSHIP	(IV) JOINT VENTURE	(V) SOLE PROPRIETOR

All signatories, **including sole proprietors**, shall confirm their authority by **attaching to this page of this tender** a duly signed and **dated original or certified copy** of the relevant resolution of their members or their board of directors, as the case may be

(I) Certificate for Company

I,, chairperson of the Board of Directors of

....., hereby confirm that by resolution of the Board (copy attached) taken on 20....., Mr/Ms, acting in the capacity of, was authorized to sign all documents in connection with the tender for **BW283/ARWWTW/22** and any contract resulting from it on behalf of the company.

Chairman:

As Witnesses: 1.....

2.....

Date:

Contractor	Witness 1	Witness 2	Employer	Witness 1	Witness 2

(II) **Certificate for Close Corporation**

We, the undersigned, being the key members in the business trading as
..... hereby authorize Mr/Ms , acting in the capacity of
....., to sign all documents in connection with the
tender for Tender **CONTRACT No. BW283/ARWWTW/22** and any contract resulting from it on our
behalf.

NAME	ADDRESS	SIGNATURE	DATE

Note: *This certificate is to be completed and signed by all key members upon whom rests the direction of the affairs of the Close Corporation as a whole.*

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

(III) **Certificate for Partnership**

We, the undersigned, being the key partners in the business trading as,

....., hereby authorize Mr/Ms,

acting in the capacity of, to sign all documents in connection

with the tender for Tender **CONTRACT No. BW283/ARWWTW/22** and any contract resulting from it on our behalf.

NAME	ADDRESS	SIGNATURE	DATE

Note : This certificate is to be completed and signed by all key partners upon who rests the direction of the affairs of the partnership as a whole.

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

(IV) **Certificate of Authority for Joint Ventures**

This Returnable Schedule is to be completed by joint ventures.

We, the undersigned, are submitting this tender offer in Joint Venture and hereby authorise Mr/Ms . . .

....., authorised signatory of the company

....., acting in the capacity of lead partner, to sign all documents in connection with the tender offer and any contract resulting from it on our behalf.

NAME OF FIRM	ADDRESS	DULY AUTHORISED SIGNATORY
Lead partner		Signature..... Name
		Signature..... Name
		Signature..... Name
		Signature..... Name

Note : This certificate is to be completed and signed by all key partners upon who rests the direction of the affairs of the Joint Venture as a whole.

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

(V) **Certificate for Sole Proprietor**

I,, hereby confirm that I am the sole owner of the Business trading as
.....

Signature of sole owner: **Date:**

As Witnesses:

1. **Date:**

2. **Date:**

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

FORM 2.1.6 CERTIFIED TAX CLEARANCE CERTIFICATE

Tax Clearance Certificate obtained from SARS to be inserted here.

IMPORTANT NOTES:

1. The following is an abstract from the Preferential Procurement Regulations 2017 promulgated with the Preferential Policy Framework Act No 5 of 2000:

Tax clearance certificate

No contract may be awarded to a person who has failed to submit an **original** Tax

Clearance Certificate from the South African Revenue Service ("SARS") certifying the taxes

of that person to be in order or those suitable arrangements have been made with SARS."

2. The ST 5.1 form, Application for Tax Clearance Certificate (in respect of tenders), must be **completed by the tenderer in every detail and submitted to the Receiver of Revenue** where the tenderer is registered for income tax purposes. The Receiver of Revenue will then furnish the tenderer with a Tax Clearance Certificate that will be valid for 6 months from date of issue. **This Tax Clearance Certificate must be submitted in the original form with the tender that is before the closing time and date of the tender.**

Each party to a Consortium / Joint Venture / Subcontractors must complete a separate Tax Clearance Certificate.

Failure to submit an original and valid Tax Clearance Certificate will invalidate the tender.

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

FORM 2.1.7 CERTIFIED COPY OF LATEST UIF RETURN

The Tenderer must attach hereto a copy of the latest Unemployment Insurance Fund return.

Unemployment Insurance Contributions Act, No. 4 of 2002 CHAPTER 2

Duty to contribute and recovery of contributions

5. Duty to contribute to Fund

- (1) Every employer and every employee to whom this Act applies must, on a monthly basis, contribute to the Unemployment Insurance Fund.
- (2) The contributions must be paid by the employer either to the Commissioner in terms of section 8 or to the Unemployment Insurance Commissioner in terms of section 9, whichever is applicable to the particular employer.

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

FORM 2.1.8 CERTIFIED COPY LATEST MUNICIPAL RATES AND TAXES CLEARANCE CERTIFICATE OR COPY OF VALID LEASE AGREEMENT (IF RENTING)

The Tenderer must attach hereto a certified copy of their latest municipal rates and taxes clearance certificate or a copy of a valid lease agreement (if renting)

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

FORM 2.1.9 CERTIFIED PROOF OF EXPENDITURE FOR SKILLS DEVELOPMENT

The Tenderer must attach hereto proof of expenditure on skills development as required.

SKILLS DEVELOPMENT LEVIES ACT 1, 1999

3. Imposition of levy

(1) Every Employer must pay a skills development levy.

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

**FORM 2.1.10 CERTIFIED COPY OF LETTER OF GOOD STANDING WITH COMPENSATION
COMMISSIONER OR WITH A LICENSED COMPENSATION INSURER**

The Tenderer must attach hereto certified copy of Letter of good standing with Compensation Commissioner or with a licensed compensation insurer.

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

FORM 2.1.11 CERTIFICATE OF TENDERER'S CERTIFIED B-BBEE STATUS LEVEL OF CONTRIBUTOR IN TERMS OF THE PREFERENTIAL PROCUREMENT REGULATIONS, 2022)

- 1) Bidders are required to submit original and valid B-BBEE Status Level Verification Certificates or certified copies thereof together with their bids, to substantiate their B-BBEE rating claims.
- 2) Bidders who do not submit B-BBEE Status Level Verification Certificates or are non-compliant contributors to B-BBEE do not qualify for preference points for BBEE but should not be disqualified from the bidding process. They will score points out of 90 or 80 for price only and zero (0) points out of 10 or 20 for BBEE.
- 3) A trust, consortium or joint venture must submit a consolidated B-BBEE Status Level Verification Certificate for every separate bid.
- 4) Public entities and tertiary institutions must also submit B-BBEE Status Level Verification Certificates together with their bids.

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

FORM 2.1.13 CERTIFIED COPY OF FORM OF INTENT TO PROVIDE A PERFORMANCE GUARANTEE

The Tenderer must attach hereto a letter from the bank or institution with whom he has made the necessary arrangements, to the effect that the said bank or institution will be prepared to provide the required performance guarantee when asked to do so.

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

FORM 2.1.14 LOCAL ECONOMIC PARTICIPATION CLAIM FORM

A. PREAMBLE

The Matjhabeng Local Municipality (MLM) has a long-term commitment to the protection and participation of local business and industry, including the participation and support of construction skills and capacity. In addition, MLM are committed to the provision of as many job opportunities as possible to its local communities and therefore to the consistent pursuance and achievement of the objectives of EPWP-based construction programs. Having regard for the specialized nature of the scope of works included in this Contract, MLM in its role as Employer requires the maximum possible level of Local Economic Participation (LEP), as defined in this Specification, as well as the maximum possible level of employment of local skills and labour. This specification therefore forms a very important aspect of this Contract, which will be enforced and will require the full attention of the Contractor for the duration of the Contract.

The Employer's minimum objective for LEP on this Contract is 30% of the final Contract Price (excl VAT and CPA) and Tenderers will be given the opportunity to tender for LEP as explained hereafter.

B. DEFINITIONS

"Local" means the Matjhabeng municipal area.

"Local Emerging Contractor" means a legal business entity with its registered office and/or physical address in the MLM municipal area, who has actively conducted business in the MLM municipal area for a period of more than 6 months.

"Local Supplier" means a legal business entity with its registered office and/or physical address in the MLM municipal area who has actively conducted business in the MLM municipal area for a period of more than 12 months and who supplies materials and plant directly to the end user.

"Local Services Provider" means a legal business entity with its registered office and/or physical address in the MLM municipal area who has actively conducted business in the MLM municipal area for a period of more than 12 months and who supplies services directly to the end user.

"Main tendering entity" means the entity submitting the tender as the Contractor in terms of the General Conditions of Contract. The main tendering entity shall not be included in the definition of local supplier, local emerging contractor or local services provider.

C. SPECIFICATION

1. LOCAL ECONOMIC PARTICIPATION (LEP) shall comprise of:

- a. The direct participation of Local Emerging Contractors in the Contract;
- b. The direct participation of Local Suppliers and Service Providers in the Contract;
- c. The direct participation of local labour - the employment of unskilled, semi-skilled or skilled staff by the Contractor and local emerging contractors from the local community. Note that all unskilled labour required for the execution of this Contract shall be sourced from the local community under the auspices of the Community Liaison Officer and Labour Desk Officer, to be appointed by the Employer.
- d. The direct participation of local students to be appointed as interns by the Contractor.

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

- e. Direct cost of training of labour from local communities
2. *Direct Participation* shall mean the engagement of resources, listed in 1 above, by the Contractor without the involvement of any other intermediary parties or agents.
3. LOCAL ECONOMIC PARTICIPATION (LEP) shall be measured by value as follows:
 - a. Where activities are to be performed entirely by Local Emerging Contractors (LECs) at the net rate tendered by and paid to the LECs (excluding any mark-up by the main tendering entity), the value of the measured item shall be deemed to be the net value of LEP in respect of that activity.

For tendering purposes, tenderers shall include the provisional sums for the mentioned schedules as part of their offered LEP percentage.

 - b. Where an activity, performed in terms of the above, is valued at a scheduled rate that includes a profit mark-up, supervision fee, administration fee or any other mark-up, the net value of the item payable to the Local Emerging Contractor shall be deemed to be the net value of the LEP in respect of that activity.
 - c. Where any component of the Contract, measured in the Schedule of Quantities, being a material or plant item or service required for the completion of the Contract, is provided entirely by a Local Supplier or Local Service Provider other than the main tendering entity, at the rate in the Schedule of Quantities, the value of the measured item shall be deemed to be the net value of LEP in respect of that component.
 - d. Where a component, supplied in terms of point 'c' above, is valued at a scheduled rate that includes a profit mark-up, supervision fee, administration fee or any other mark-up, the net value of the item payable to the Local Supplier shall be deemed to be the net value of the LEP in respect of that component.
 - e. The value of local labour shall be the net value of wages and/or salaries paid to individuals, recruited from communities in the MLM municipal area, for the purpose of the Contract, by the Contractor or any of the Local Emerging Contractors, appointed in terms of this Contract.
4. Tenderers shall indicate in their tenders under paragraph D below, the value for LEP (as a percentage) of the works that will be achieved by the completion of the Contract. This tendered value, subsequently split between the participation of Local Suppliers and Service Providers, Local Emerging Contractors and Local Labour shall become the Contractor's Local Economic Participation target. The achievement of this target will be a contractual obligation, which will be enforced in terms of the provisions of this section and the General Conditions of Contract.
5. The Contractor shall, within twenty-one (21) days of the date of the Letter of Acceptance, submit to the Employer a detailed plan for the achievement of his tendered Local Economic Participation (LEP) objectives and target, including a schedule of construction activities, construction components, materials, goods and services, local skills and labour etc., in which their valuation in terms of the principles of this specification is clearly indicated. This schedule shall indicate how targets will be met.
6. The Employer shall approve, or reject, this detailed plan in writing within fourteen (14) days of its submission by the Contractor. If rejected, the Contractor shall make the necessary amendments and submit the revised plan within seven (7) days, after which the Engineer shall approve the document within seven (7) days.

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

7. The Contractor shall submit to the Engineer monthly progress reports, in a format approved by the Engineer, clearly indicating progress to date in respect of LEP. These reports will be in addition to monthly EPWP reports required from the Contractor.
8. The Contractor shall, if requested by the Engineer at any stage of the Contract, submit within seven (7) days of a formal request, all necessary documentation required to confirm the accuracy of information provided in the monthly progress reports. Documentation shall include but not be limited to:
 - a. Tax invoices,
 - b. Wage sheets,
 - c. Salary Advices
 - d. Orders.
9. At the completion of the project and prior to the issue of the Performance Certificate, the Contractor shall submit audited (audited by a recognized third-party institution) figures to substantiate and confirm actual LEP expenditure achieved during the implementation of the Contract. Failure to meet the tendered target will be result in a financial penalty as described under Sub-Clause 4.10 of the General Conditions of Contract (as amended). The total financial penalty shall be subtracted from the Contractor's final payment certificate.
10. Failure by the Contractor to comply with any of the requirements in 4, 5, and 6 above shall be dealt with in terms of Clause 9 of the General Conditions of Contract.
11. The Contractor shall during the course of the Contract have the opportunity to submit revised and suitably detailed plans for the achievement of Local Economic Participation (LEP) objectives and targets, taking into account practical constraints encountered during the construction process and including the necessary motivation for such revised detailed plans. Any revision to the initial LEP plan shall be formally approved by the Engineer prior to implementation.
12. In the event that the Contractor is prevented from compliance with his implementation plan by any circumstances outside his control, he shall within seven (7) days submit to the Engineer a notice outlining such circumstances in detail and stipulating the impact of such circumstances on the Local Economic Participation in the Contract and as defined above. The Engineer shall within seven (7) days of receiving such a notice inform the Employer accordingly and who shall be obliged to:
 - a. Rectify the circumstances preventing compliance and exempting the Contractor from his obligations, in terms of his implementation plan, for the duration of the period in which the circumstances prevailed, or
 - b. Exempting the Contractor entirely from his obligations in terms of its implementation plan insofar as these are affected by the specific circumstances.
13. Any dispute arising from this specification or the implementation thereof shall be resolved in accordance with the provisions of Clause 10 of the General Conditions of Contract.
14. A payment item has been included under Schedule 1 (Preliminary and General charges) for all costs related to the compilation and administration of all LEP-related documentation as well as the auditing of the final figures by a recognized third-party institution.

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

D. DECLARATIONS

The Tenderer/Contractor, (state name) hereby commit to achieve (as a minimum, but guaranteed):

.....% LEP for the works, based on Tender Sum*

Notes:

**Total tender price* to exclude contingencies, allowance for CPA and VAT.

In terms of the calculation method described above, which shall be binding in terms and for the duration of the Contract.

.....
(Signed by duly authorized representative of the Contractor)
Date

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

VAAL CENTRAL WATER

CONTRACT NO. BW283/ARWWTW/22

REFURBISHMENT OF THE NYAKALLONG (ALLANRIDGE) WWTW: CIVIL, MECHANICAL AND ELECTRICAL, CONTROL & INSTRUMENTATION

SECTION T2.2

OTHER DOCUMENTS REQUIRED FOR BID EVALUATION PURPOSES

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

OTHER DOCUMENTS REQUIRED FOR BID EVALUATION PURPOSES

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Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

ALTERATIONS BY TENDERER

Should the Tenderer desire to make any departures from or modifications to the General or Special Conditions of Contract, the Specifications, the Schedule of Quantities or the Drawings, or to qualify his tender in any way, he shall set out his proposals clearly hereunder or alternatively state them in a covering letter attached to his tender and referred to hereunder, failing which the tender will be deemed to be unqualified.

Page	Clause or Item

Signature of Tenderer: _____

Date: _____

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

WORKS PREVIOUSLY EXECUTED

The following is a statement of major works successfully executed by myself/ourselves in recent years:

Employer	Contractor*	Nature of Works	Value of Works	Duration and Completion Date

Failure to detail the required information, shall signify that the tender is submitted by an inexperienced tenderer.

Signature of Tenderer: _____

Date: _____

State firm, contact person and telephone number:

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

PRESENT COMMITMENTS

Employer	Contractor *	Nature of Works	Value of Works	Duration and Completion Date

Signature of Tenderer: _____

Date: _____

State firm, contact person and telephone number:

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

Signature of Tenderer: _____

Date: _____

State firm, contact person and telephone number:

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

SUPERVISORY AND SAFETY PERSONNEL

PREVIOUS EXPERIENCE ON WORKS OF A SIMILAR NATURE DURING THE LAST FIVE YEARS

Name	% Time on Site	Position (Current)	Service (Years)	Name of Project And year executed	Value of Works	Position Occupied
Contracts Manager						
Contractor's Construction Manager						
Contractor's Foreman						
Construction Health and Safety Officer						
Lead Artisan - ECI						
Lead Artisan - Mechanical						

Tenderers shall indicate the percentage of working time these persons will be engaged on site. Tenderers are required to provide copies of curriculum vitas of all supervisory and safety personnel.

Signature of Tenderer: _____

Date: _____

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

LABOUR UTILISATION

Labour Categories - Definitions

NOTE: These definitions serve as a guideline to complete the following table and will in no respect alter the Project Specifications or Standardized Specifications:

1. General Foreman / Foreman

An employee who gives out work to and directly co-ordinates and supervises employees. His duties encompass any one or more of the following activities:

- a) Supervision;
- b) maintaining discipline;
- c) ensuring safety on the workplace;
- d) being responsible to the Contractor for efficiency and production for his portion of the works; and
- e) performing skilled work, whether in an instructional capacity or otherwise.

2. Charge hand

An employee engaged in any one or more of the following activities:

- a) Being primarily employed in a supervisory capacity, but who may also be doing the work of an artisan;
- b) giving out work to other employees under his control and supervision;
- c) ensuring safety on the workplace;
- d) maintaining discipline; and
- e) being directly responsible to a general foreman or foreman or the Contractor or the Contractor's representative for efficiency and production for his portion of the works.

3. Artisan

An employee who has successfully completed all prescribed courses at a practical institutional training centre for a particular trade and who has successfully completed the on-site period of training as prescribed and who has successfully passed the prescribed trade tests.

4. Team Leader

An employee engaged in any one or more of the following activities :

- a) Being employed in a supervisory capacity, but who may also be doing the work of a skilled person;
- b) giving out work to other employees under his control and supervision;
- c) maintaining discipline;

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

- d) being directly responsible to a Charge hand or a foreman or a general foreman or the employer's authorized representative for efficiency and production for his portion of the works.

5. Skilled Employee

An employee engaged in an ancillary trade or an assistant artisan.

6. Semi-Skilled Employee

An employee with any specified skills, an apprentice or a trainee-artisan.

7. Unskilled Employee

An employee engaged on any task or operation not specified above.

8. Imported Employee

Personnel permanently employed by Contractor.

9. Local Employee

Temporary workforce employed through Labour Desk.

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

MAN DAYS

Categories	No. of Man Days	
	Imported	Local
1. Contracts Manager		
2. Construction Manager		
3. Foreman/Artisans/Supervisors (specify type)		
3.1 -----		
3.2 -----		
3.3 -----		
4. Safety Inspectors (specify type)		
4.1 -----		
4.2 -----		
5. Charge hands		
6. Artisans		
7. Operators/Drivers		
8. Clerks/Storeman		
9. Team Leader		
10. Skilled Labour		
11. Semi-skilled Labour		
12. Unskilled Labour		

Signature of Tenderer: _____

Date: _____

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

COMPLIANCE WITH OHSA (ACT 85 OF 1993)

Tenderers are required to satisfy the Employer and the Engineer as to their ability and available resources to comply with the above by answering the following questions and providing the relevant information required below.

1. Is the Contractor familiar with the OHSA (ACT 85 OF 1993) and its Regulations? YES / NO
2. Who will prepare the Contractors Health and Safety Plan? (Provide a copy of the person/s curriculum vitae/s or company profile).

3. Does the Contractor have a health and safety policy? (If yes, provide a copy). How is this policy communicated to all employees? YES / NO

4. Does the Contractor keep records of safety aspects of each construction site? If yes, what records are kept? YES / NO

5. Does the Contractor conduct monthly safety meetings? If yes, who is the chairperson of the meeting, and who attends these meetings? YES / NO

6. Does the Contractor have a safety officer in his employment, responsible for the overall safety of his company? YES / NO
 If yes, please explain his duties and provide a copy of his CV.

7. Does the Contractor have trained first aid employees? If yes, indicate who. YES / NO

8. Does the Contractor have a safety induction training programme in place? (If yes, provide a copy). YES / NO

Signature of Tenderer: _____

Date: _____

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

PLANT AND EQUIPMENT

1. Major Plant and Equipment available for this Contract:

Quantity	Size, Description, Capacity, etc.

2. Major Plant and Equipment that will be acquired for this contract if my/our tender is accepted:

Quantity	Size, Description, Capacity, etc.

Signature of Tenderer: _____

Date: _____

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

SUB-CONTRACTORS

The tenderer shall list below any subcontractors he intends to employ to carry out part(s) of the Works.

The acceptance of this tender shall not be construed as being approval of all or any of the listed subcontractors. Should any or all of the subcontractors be not approved subsequent to the acceptance of the tender, it shall in no way invalidate this tender, and the tendered unit rates for the various items of work shall remain final and binding in the event of a subcontractor not listed below being approved by the Employer.

Company	Portion of Contract	Approx. Value

Signature of Tenderer: _____

Date: _____

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

SITE INSPECTION CERTIFICATE

As required by Clause 2.7 of the Tender Data, I/we certify that I/we have visited the site of the Works and attended the compulsory site visit and clarification meeting on the date certified below.

I/we further certify that I am / we are satisfied with the description of the Work and the explanations given by the Engineer at the site visit and clarification meeting.

Signature of Tenderer

Date

Site Visit

This will certify that _____

representing _____

attended a Site Inspection for this Contract on _____20_____

_____(signed)
For the Engineer

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

AUTHORITY OF SIGNATORY

With reference to Clause 2.13.4 of the Tender Data, Part T1.1, I/we herewith certify that this tender is submitted by : *(Mark applicable block)*

a) a company, and attach hereto a certified copy of the required resolution of the Board of Directors

☐

b) a partnership, and attach hereto a certified copy of the required resolution by all partners

☐

c) a close corporation, and attach hereto a certified copy of the required resolution of the Board of Officials

☐

d) a one-man business, and attach hereto certified proof that I am the sole owner of the business submitting this tender

☐

e) a joint venture, and attach hereto

☐

- a notarially certified copy of the original document under which the joint venture was constituted; and
- certified authorisation by the participating members of the undersigned to submit tenders and conclude contracts on behalf of the joint venture

Signature of Tenderer: _____

Date: _____

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

PROSPECTIVE TENDERER'S REGISTRATION FORM /CHANGE OF REGISTRATION FORM

The Main Tenderers, Subcontractors or Joining Entities listed in Table 1 of the Schedule No. 7 must complete this form despite the fact that they must register as a Registered Tenderer separately.

All Tenderers (Main Contractor, Subcontractors or Joining Entities) intending to tender, or a Registered Tenderer who's registration information has changed in the mean time, must complete this form and submit it to the client not later than 7 days before the closing of the relevant tender.

*** Complete in full (indicate N/A where not available or applicable) and indicate if the information is submitted for the first time (F), it is unchanged (U) or has changed (C) since the previous submission.**

- ✓ Name of Business (or person, in case of goods/services provided by a person):
 ()*
- ✓ Official physical address of business, e-mail, telephone and fax numbers:
 - Address: ()*
 - E-mail: ()*
 - Telephone: ()*
 - Fax: ()*
- ✓ Electricity account no. if a local business: ()*
- ✓ Type of business (Company, cc, etc): ()*
- ✓ Main business activity (Stationary Dealer, Building Contractor, etc):
 ()*
- ✓ Estimated annual turnover (to remain confidential): R ()*
- ✓ Full name of controlling shareholder if not a one-man business (to remain confidential):
 ()*

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

Equity held by HDI's in the above-mentioned business:

Full Name	ID No	Race	Sex	Age	Disability Status	Personal Tax No	Equity Ownership %

I, the owner/manager of the above-mentioned business declare that the above-mentioned information is complete and correct, and that I am fully aware of the penalty that will apply if the tenders are allocated to the above-mentioned business on its own or as a joining entity, based on wrong information submitted above.

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

Tender forms pertaining to Preferential Procurement

JOINT VENTURE FORM

The following legal business entities agree to deliver the services and/or goods as required under this Contract as a Joint Venture as follows:

Name and Addresses of Joint Venture:

.....

.....

Consisting of the following businesses (Joining Entities)

NAME JOINING ENTITY	TAX NO.	PROPORTIONAL PAYMENT THAT WILL BE RECEIVED UNDER THIS CONTRACT
		%
		%
		%
		%
		%

The above-mentioned Joint venture will execute the Contract under the management of (Full Name)

Who is an employee of (Name of Joining Entity)

And in accordance with any further agreements as attached to this document, titled

 and dated(if applicable).

Bank guarantees and retention money (where required) will be provided or paid by (Name of Joining Entity)

 who will be responsible for the fulfillment of the retention obligations (where required) asset out in the Contract Document.

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2



Signed by the duly authorized representatives of the above-mentioned Joint Entities:

JOINING ENTITY AND POSITION	FULL NAME (Position)	SIGNATURE	DATE
-----	-----	-----	-----
-----	-----	-----	-----
-----	-----	-----	-----
-----	-----	-----	-----
WITNESSES	1.		
		-----	-----
	2.		
		-----	-----

Contractor	Witness 1	Witness 2	Employer	Witness 1	Witness 2
-----------------------------------	----------------------------------	----------------------------------	---------------------------------	----------------------------------	----------------------------------

PREFERENTIAL PROCUREMENT

1. B-BBEE Status Level of Contribution

The following Preference points will be allocated

B-BBEE Status Level of Contribution	Number of points for tenders up to R1 000 000.00 (80/20)	Number of points for tenders above R1 000 000.00 (90/10)
1	20	10
2	18	9
3	16	8
4	12	5
5	8	4
6	6	3
7	4	2
8	2	1
Non-compliant contributor	0	0

Tenderer's B-BBEE Status Level of Contribution =

Thus, Preference points claimed according to above table =

Signature of Tenderer: _____

Date: _____

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

AFFIDAVIT

Affidavit to be completed by every member of a company, closed corporation, trust, partnership or other business entity, claiming preference points regarding their HDI-status:

1. I, the undersigned, hereby
 (Full name and surname)

Certify that I am a of the tenderer.
 (Member, Director, Partner, Owner)

2. I furthermore certify that I personally hold% (percent) equity shares in the above mentioned business venture and are actively involved in the management and control of the business.

Signed at on this day of20.....

.....
 Signature

I certify that the deponent has acknowledge that he/she knows and understands the contents of this declaration.

This declaration has been sworn / affirmed before me at

On this day of20.....

.....
STAMP:
 COMMISSIONER OF OATHS

I, THE UNDERSIGNED, ACTING IN MY CAPACITY AS
 THE COMPANY/CORPORATION/BUSINESS VENTURE:

.....
 Hereby gives the Municipality and its delegates the right to inspect any documents in our possession pertaining to the verification of information reflecting the equity held in our company / corporation / business venture.

Signed at on this day of20.....

.....
 Signature

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

DECLARATION OF INTEREST (FORM MBD 4)

1. No bid will be accepted from persons in the service of the state¹.
2. Any person, having a kinship with persons in the service of the state, including a blood relationship, may make an offer or offers in terms of this invitation to bid. In view of possible allegations of favouritism, should the resulting bid, or part thereof, be awarded to persons connected with or related to persons in service of the state, it is required that the bidder or their authorised representative declare their position in relation to the evaluating/adjudicating authority.
3. In order to give effect to the above, the following questionnaire must be completed and submitted with the bid.
 - 3.1 Full Name of bidder or his or her representative:.....
 - 3.2 Identity Number:
 - 3.3 Position occupied in the Company (director, trustee, shareholder²):.....
 - 3.4 Company Registration Number:
 - 3.5 Tax Reference Number:.....
 - 3.6 VAT Registration Number:
 - 3.7 The names of all directors / trustees / shareholders members, their individual identity numbers and state employee numbers must be indicated in paragraph 4 below.
 - 3.8 Are you presently in the service of the state? **YES / NO**
 - 3.8.1 If yes, furnish particulars.

¹MSCM Regulations: "in the service of the state" means to be –

- (a) a member of –
 - (i) any municipal council;
 - (ii) any provincial legislature; or
 - (iii) the national Assembly or the national Council of provinces;
- (b) a member of the board of directors of any municipal entity;
- (c) an official of any municipality or municipal entity;
- (d) an employee of any national or provincial department, national or provincial public entity or constitutional institution within the meaning of the Public Finance Management Act, 1999 (Act No.1 of 1999);
- (e) a member of the accounting authority of any national or provincial public entity; or
- (f) an employee of Parliament or a provincial legislature.

² Shareholder" means a person who owns shares in the company and is actively involved in the management of the company or business and exercises control over the company.

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

3.9 Have you been in the service of the state for the past twelve months? **YES / NO**

3.9.1 If yes, furnish particulars.....

.....

3.10 Do you have any relationship (family, friend, other) with persons in the service of the state and who may be involved with the evaluation and or adjudication of this bid? **YES / NO**

3.10.1 If yes, furnish particulars.....

.....

3.11 Are you, aware of any relationship (family, friend, other) between any other bidder and any persons in the service of the state who may be involved with the evaluation and or adjudication of this bid?

..... **YES / NO**

3.11.1 If yes, furnish particulars.....

.....

3.12 Are any of the company's directors, trustees, managers, principle shareholders or stakeholders in service of the state? **YES / NO**

3.12.1 If yes, furnish particulars.....

.....

3.13 Are any spouse, child or parent of the company's directors trustees, managers, principle shareholders or stakeholders in service of the state? **YES / NO**

3.13.1 If yes, furnish particulars.....

.....

3.14 Do you or any of the directors, trustees, managers, principle shareholders, or stakeholders of this company have any interest in any other related companies or business whether or not they are bidding for this contract. **YES / NO**

3.14.1 If yes, furnish particulars:.....

.....

4.

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

Full details of directors / trustees / members / shareholders.

Full Name	Identity Number	State Employee Number

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

CERTIFICATION

**I, THE UNDERSIGNED (NAME)
CERTIFY THAT THE INFORMATION FURNISHED ON THIS DECLARATION FORM IS CORRECT.**

**I ACCEPT THAT, IN ADDITION TO CANCELLATION OF A CONTRACT, ACTION MAY BE TAKEN AGAINST ME
SHOULD THIS DECLARATION PROVE TO BE FALSE.**

.....
Signature

.....
Date

.....
Position

.....
Name of Bidder

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

VAAL CENTRAL WATER

CONTRACT NO. BW283/ARWWTW/22

REFURBISHMENT OF THE NYAKALLONG (ALLANRIDGE) WWTW: CIVIL, MECHANICAL AND ELECTRICAL, CONTROL & INSTRUMENTATION

SECTION T2.3

CHECKLIST

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

CHECKLIST

The following information **MUST** be completed in full and/or attached to the tender document. Failure will result in the tender being non-responsive:

DESCRIPTION	SECTION	PLEASE TICK :		OUTCOME IF NOT COMPLIED WITH
		COMPLETED/ ATTACHED	NOT COMPLETED/	
Original Valid Tax Clearance Certificate	Part T2 Section T2.1	☐	☐	No contract shall be awarded upon failure to submit an original Tax Clearance Certificate certifying that the taxes of that person to be in order or that suitable arrangements have been made with SARS
Certified copy of VAT registration Certificate (if VAT Registration number is not indicated on Tax Clearance Certificate)	Part T2 Section T2.1	☐	☐	No contract shall be awarded upon failure to submit a VAT registration Number
Certified copy of Certificate of Incorporation (if tenderer is a Company)	Part T2 Section T2.1	☐	☐	Non-responsive, tender eliminated
Certified copy of Founding Statement (if tenderer is a Closed Corporation)	Part T2 Section T2.1	☐	☐	Non-responsive, tender eliminated
Certified copy of Partnership Agreement (if tenderer is a Partnership)	Part T2 Section T2.1	☐	☐	Non-responsive, tender eliminated
Certified copy of Identity Document (if tenderer is a One-man concern)	Part T2 Section T2.1	☐	☐	Non-responsive, tender eliminated
Joint Venture Agreement (if the tenderer is a joint venture)	Part T2 Section T2.2.12	☐	☐	Non-responsive, tender eliminated
Certified copy of CIDB Registration Certificate	Part T2 Section T2.1	☐	☐	Non-responsive, tender eliminated
Form of Offer	Part C1.1	☐	☐	Non-responsive, tender eliminated
Schedule of Quantities (ALL items in black ink)	Part C2.2	☐	☐	Refer to pricing Instructions
Summary of Schedules	Section C2.3	☐	☐	Refer to pricing Instructions

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

DESCRIPTION	SECTION	PLEASE TICK :		OUTCOME IF NOT COMPLIED WITH
		COMPLETED/ ATTACHED	NOT COMPLETED/	
Bank Details (completed in full)	Section C2.4	☐	☐	Information or bank history not available. (Evaluated as possible risk)
Alterations by Tenderer	Section T2.2.1	☐	☐	
Works Previously Executed	Section T2.2.2	☐	☐	Regarded as tender with no experience
Present Commitments	Section T2.2.3	☐	☐	Regarded as tender with no experience
Supervisory Personnel	Section T2.2.4	☐	☐	No designated personnel, possible experience risk
Labour Utilisation	Section T2.2.5	☐	☐	Regarded as tenderer with limited experience and understanding of contract scope
Compliance with OHSA (Act 85 of 1993)	Section T2.2.6	☐	☐	Regarded as a tenderer with limited ability and available resources to comply with the OHSA act
Plant and Equipment	Section T2.2.7	☐	☐	Regarded as tenderer with limited experience and understanding of contract scope
Sub-contractors	Section T2.2.8	☐	☐	All work to be carried out by main Contractor or joint entity
Site Inspection Certificate	Section T2.2.9	☐	☐	Non responsive, tender eliminated
Authority of Signatory & Certified Resolution	Section T2.2.10	☐	☐	Non responsive, tender eliminated
Business Registration Form / Change of Registration Form	Section T2.2.11	☐	☐	No contract shall be awarded upon failure to complete the registration form
Preferential Procurement (To be completed in full with values for EP & NEP)	Section T2.2.13	☐	☐	Tenderer not tendering for equity ownership points
Affidavit (3 Copies)	Section T2.2.14	☐	☐	Tenderer not tendering for equity ownership points
Declaration of Interest	Section T2.2.15	☐	☐	Non-responsive, tender eliminated

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

DESCRIPTION	SECTION	PLEASE TICK :		OUTCOME IF NOT COMPLIED WITH
		COMPLETED/ ATTACHED	NOT COMPLETED/	
Property Rates Clearance : Copy of latest Municipal account / lease agreement	Part T1.2 Annex A, Part 2, 2.2.2	☐	☐	No contract shall be awarded upon failure to provide the required information
Audited Financial Statements for the last 3 years	Part T1.2	☐	☐	Non-responsive, tender eliminated
Datasheets	Part T2.4	☐	☐	Non-responsive, tender eliminated

Reasons for non-compliance :

Contact Details

Office Phone No.

Office Fax No.

Cell phone No.

 Name in CAPITAL (BLOCK) LETTERS

 Signature

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

VAAL CENTRAL WATER

CONTRACT NO. BW283/ARWWTW/22

REFURBISHMENT OF THE NYAKALLONG (ALLANRIDGE) WWTW: CIVIL, MECHANICAL AND ELECTRICAL, CONTROL & INSTRUMENTATION

SECTION T2.4

DATASHEETS

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

DATASHEET (COMPULSORY TO COMPLETE AS PART OF TENDER RETURNABLE DOCUMENTS)			
Description	Details / Units	Offered	Unit
Fixed Surface Mount Aerator			
Manufacturer	Name		Specify
	Place		Specify
Aerator	Make		Specify
	Model		Specify
Quantity		4	No
Operation		Process Dependent	Specify
Power	Required	45	kW
Shaft	Diameter		mm
Impeller	Type		Specify
	Diameter		mm
	Rotational Speed		RPM
	Tip Speed		m/s
Structural	Torque - Start up		Nm
	Torque - Running		Nm
	Moment- Start up		Nm
	Moment - Running		Nm
	Axial Force		kN
Operational Requirements	Power Input to Aerator Shaft	45	kW
	Alpha Factor		Factor
	Beta Factor		Factor
	Standard Oxygen Transfer Rate (Standard Conditions)		KgO ₂ /Hr
	Standard Oxygen Transfer Rate (Site Conditions)		KgO ₂ /Hr
	Depth of Immersion		mm
Gearbox			
Manufacturer	Name		Specify
	Place		Specify
Gearbox	Make		Specify
	Model		Specify
Gear Box Details	Type of Gear		Specify
	AGMA Rating or ISO Gear Standard		Rating

Contractor
Witness 1
Witness 2
Employer
Witness 1
Witness 2

DATASHEET (COMPULSORY TO COMPLETE AS PART OF TENDER RETURNABLE DOCUMENTS)			
Description	Details / Units	Offered	Unit
	Gearbox Ratio		Ratio
	Lubrication Method		Specify
	Insulation Class		Class
	Protection Class		Class
	Power - Rated (Max Load)	45	kW
	Service Factor - Installed Power		kW
	Service Factor - Absorbed Power		kW
	Input Torque		Nm
	Output Torque		Nm
	Torque Ratio	:1	Ratio
	Coupling		Specify
	Efficiency		%
	Bearing Life L10 for continuous 24Hr Operation		Hr
	Gear Life L10 for continuous 24Hr Operation		Hr
	Electrical Motor		
Manufacturer	Name		Specify
	Place		Specify
Motor	Make		Specify
	Model		Specify
Motor Details	Type		Specify
	IEC Rating		IEC
	Insulation Class		Class
	Protection Class		Class
	Power Absorbed		kW
	Service Factor (Min 15%)		Factor
	Power - Rated		kW
	Poles		No
	Rotational Speed		RPM
	Phases		No
	Voltage (50Hz)		V
	Power Factor - 50%		Factor

Contractor
Witness 1
Witness 2
Employer
Witness 1
Witness 2

DATASHEET (COMPULSORY TO COMPLETE AS PART OF TENDER RETURNABLE DOCUMENTS)			
Description	Details / Units	Offered	Unit
	Power Factor - 75%		Factor
	Power Factor - 100%		Factor
	Efficiency - 50%		%
	Efficiency - 75%		%
	Efficiency - 100%		%
	Overall Efficiency (Aerator + Gearbox + Motor)		%
	Start Mode (DOL, SS, VSD, etc.)		Specify
Mass			
Mass	Aerator + Shaft		Kg
	Baseplate		Kg
	Gearbox		Kg
	Motor		Kg
	Total		Kg
Materials and Finishes			
Aerator	Material		Specify
	Finish		Specify
Shaft	Material		Specify
	Finish		Specify
Motor - Housing	Material		Specify
	Finish		Specify
Baseplate	Material		Specify
	Finish		Specify
Date		Signature of Tenderer	

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

DATASHEET (COMPULSORY TO COMPLETE AS PART OF TENDER RETURNABLE DOCUMENTS)			
Description	Details / Units	Offered	Unit
Axial Flow Pump			
Manufacturer	Name		Specify
	Place		Specify
Pump	Make		Specify
	Model		Specify
Quantity		2	No
Operation		Duty + Standby	Specify
Pump - Casing	Diameter		mm
Pump - Impeller	Type		Specify
	Diameter		mm
	Rotational Speed		RPM
	Tip Speed		m/s
Pump - Shaft	Diameter		mm
	Length		mm
Hydraulics	Flow Rate	2,40	MLD
		2400,00	m³/d
		100,00	m³/Hr
		27,78	L/s
	Head	0,4	m
Speed Reduction Method			
Gearbox or V-Belt Drive			Specify
Gearbox (Depending Speed Reduction Method)			
Manufacturer	Name		Specify
	Place		Specify
Gearbox	Make		Specify
	Model		Specify

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

DATASHEET (COMPULSORY TO COMPLETE AS PART OF TENDER RETURNABLE DOCUMENTS)			
Description	Details / Units	Offered	Unit
Gear Box Details	Type of Gear		Specify
	AGMA Rating or ISO Gear Standard		Rating
	Gearbox Ratio		Ratio
	Lubrication Method		Specify
	Insulation Class		Class
	Protection Class		Class
	Power - Rated (Max Load)	45	kW
	Service Factor - Installed Power		kW
	Service Factor - Absorbed Power		kW
	Input Torque		Nm
	Output Torque		Nm
	Torque Ratio	:1	Ratio
	Coupling		Specify
	Efficiency		%
	Bearing Life L10 for continuous 24Hr Operation		Hr
Gear Life L10 for continuous 24Hr Operation		Hr	
Electrical Motor			
Manufacturer	Name		Specify
	Place		Specify
Motor	Make		Specify
	Model		Specify
Motor Details	Type		Specify
	IEC Rating		IEC
	Insulation Class		Class
	Protection Class		Class
	Power Absorbed		kW

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

DATASHEET (COMPULSORY TO COMPLETE AS PART OF TENDER RETURNABLE DOCUMENTS)			
Description	Details / Units	Offered	Unit
	Service Factor (Min 15%)		Factor
	Power - Rated		kW
	Poles		No
	Rotational Speed		RPM
	Phases		No
	Voltage (50Hz)		V
	Power Factor - 50%		Factor
	Power Factor - 75%		Factor
	Power Factor - 100%		Factor
	Efficiency - 50%		%
	Efficiency - 75%		%
	Efficiency - 100%		%
	Overall Efficiency - At 100% (Pump + Gearbox/V-Belt + Motor)		%
	Start Mode (DOL, SS, VSD, etc.)		Specify
Mass			
Mass	Pump		Kg
	Motor		Kg
	Baseplate		Kg
	Total		Kg
Materials and Finishes			
Pump - Casing	Material		Specify
	Finish		Specify
Pump - Impeller	Material		Specify
	Finish		Specify
Pump - Shaft	Material		Specify
	Finish		Specify
Motor -	Material		Specify

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

DATASHEET (COMPULSORY TO COMPLETE AS PART OF TENDER RETURNABLE DOCUMENTS)			
Description	Details / Units	Offered	Unit
Housing	Finish		Specify
Baseplate	Material		Specify
	Finish		Specify
Date		Signature of Tenderer	

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

DATASHEET (COMPULSORY TO COMPLETE AS PART OF TENDER RETURNABLE DOCUMENTS)			
Description	Details / Units	Offered	Unit
Submersible Pump 1			
Manufacturer	Name		Specify
	Place		Specify
Pump	Make		Specify
	Model		Specify
Quantity		2	No
Operation		Duty + Standby	Specify
Pump - Impeller	Type		Specify
	Diameter		mm
	Rotational Speed		RPM
	Tip Speed		m/s
Pump - Shaft	Diameter		mm
Hydraulics	Flow Rate		MLD
			m³/d
		TBC	m³/Hr
			L/s
	Head	TBC	m
	NPSH - Required		m
	Efficiency		%
	Min Immersion Depth		mm
	Max Immersion Depth		mm
Electrical Motor			
Manufacturer	Name		Specify
	Place		Specify
Motor	Make		Specify
	Model		Specify
Motor Details	Type		Specify
	IEC Rating		IEC
	Insulation Class		Class
	Protection Class		Class
	Power Absorbed		kW

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

DATASHEET (COMPULSORY TO COMPLETE AS PART OF TENDER RETURNABLE DOCUMENTS)			
Description	Details / Units	Offered	Unit
	Service Factor (Min 15%)		Factor
	Power - Rated		kW
	Poles		No
	Rotational Speed		RPM
	Phases		No
	Voltage (50Hz)		V
	Power Factor - 50%		Factor
	Power Factor - 75%		Factor
	Power Factor - 100%		Factor
	Efficiency - 50%		%
	Efficiency - 75%		%
	Efficiency - 100%		%
	Overall Efficiency - At 100% (Pump + Motor)		%
	Start Mode (DOL, SS, VSD, etc.)		Specify
	Mass		
Mass	Pump + Motor		Kg
	Total		Kg
Materials and Finishes			
Pump + Motor - Housing	Material		Specify
	Finish		Specify
Pump - Impeller	Material		Specify
	Finish		Specify
Pump - Shaft	Material		Specify
	Finish		Specify
Duct Foot	Material	304 Stainless Steel	Specify
	Finish	N/A	Specify
Guiderails	Material	304 Stainless Steel	Specify
	Finish	N/A	Specify
Fixtures	Material	304 Stainless Steel	Specify
	Finish	N/A	Specify

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

DATASHEET (COMPULSORY TO COMPLETE AS PART OF TENDER RETURNABLE DOCUMENTS)			
Description	Details / Units	Offered	Unit
Date		Signature of Tenderer	

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

DATASHEET (COMPULSORY TO COMPLETE AS PART OF TENDER RETURNABLE DOCUMENTS)			
Description	Details / Units	Offered	Unit
Submersible Pump 2			
Manufacturer	Name		Specify
	Place		Specify
Pump	Make		Specify
	Model		Specify
Quantity		2	No
Operation		Duty + Standby	Specify
Pump - Impeller	Type		Specify
	Diameter		mm
	Rotational Speed		RPM
	Tip Speed		m/s
Pump - Shaft	Diameter		mm
Hydraulics	Flow Rate	0,72	MLD
		720,00	m ³ /d
		30,00	m ³ /Hr
		8,33	L/s
	Head	4,55	m
	NPSH - Required		m
	Efficiency		%
	Min Immersion Depth		mm
	Max Immersion Depth		mm
Electrical Motor			
Manufacturer	Name		Specify
	Place		Specify
Motor	Make		Specify
	Model		Specify
Motor Details	Type		Specify
	IEC Rating		IEC
	Insulation Class		Class
	Protection Class		Class
	Power Absorbed		kW

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

DATASHEET (COMPULSORY TO COMPLETE AS PART OF TENDER RETURNABLE DOCUMENTS)			
Description	Details / Units	Offered	Unit
	Service Factor (Min 15%)		Factor
	Power - Rated		kW
	Poles		No
	Rotational Speed		RPM
	Phases		No
	Voltage (50Hz)		V
	Power Factor - 50%		Factor
	Power Factor - 75%		Factor
	Power Factor - 100%		Factor
	Efficiency - 50%		%
	Efficiency - 75%		%
	Efficiency - 100%		%
	Overall Efficiency - At 100% (Pump + Motor)		%
	Start Mode (DOL, SS, VSD, etc.)		Specify
Mass			
Mass	Pump + Motor		Kg
	Total		Kg
Materials and Finishes			
Pump + Motor - Housing	Material		Specify
	Finish		Specify
Pump - Impeller	Material		Specify
	Finish		Specify
Pump - Shaft	Material		Specify
	Finish		Specify
Duct Foot	Material	304 Stainless Steel	Specify
	Finish	N/A	Specify
Guiderails	Material	304 Stainless Steel	Specify
	Finish	N/A	Specify
Fixtures	Material	304 Stainless Steel	Specify
	Finish	N/A	Specify

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

DATASHEET (COMPULSORY TO COMPLETE AS PART OF TENDER RETURNABLE DOCUMENTS)			
Description	Details / Units	Offered	Unit
Date		Signature of Tenderer	
DATASHEET (COMPULSORY TO COMPLETE AS PART OF TENDER RETURNABLE DOCUMENTS)			
Description	Details / Units	Offered	Unit
Submersible Pump 3			
Manufacturer	Name		Specify
	Place		Specify
Pump	Make		Specify
	Model		Specify
Quantity		2	No
Operation		Duty + Standby	Specify
Pump - Impeller	Type		Specify
	Diameter		mm
	Rotational Speed		RPM
	Tip Speed		m/s
Pump - Shaft	Diameter		mm
Hydraulics	Flow Rate	0,72	MLD
		720,00	m³/d
		30,00	m³/Hr
		8,33	L/s
	Head	10,9	m
	NPSH - Required		m
	Efficiency		%
	Min Immersion Depth		mm
	Max Immersion Depth		mm
Electrical Motor			
Manufacturer	Name		Specify
	Place		Specify
Motor	Make		Specify

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

DATASHEET (COMPULSORY TO COMPLETE AS PART OF TENDER RETURNABLE DOCUMENTS)			
Description	Details / Units	Offered	Unit
	Model		Specify
Motor Details	Type		Specify
	IEC Rating		IEC
	Insulation Class		Class
	Protection Class		Class
	Power Absorbed		kW
	Service Factor (Min 15%)		Factor
	Power - Rated		kW
	Poles		No
	Rotational Speed		RPM
	Phases		No
	Voltage (50Hz)		V
	Power Factor - 50%		Factor
	Power Factor - 75%		Factor
	Power Factor - 100%		Factor
	Efficiency - 50%		%
	Efficiency - 75%		%
	Efficiency - 100%		%
	Overall Efficiency - At 100% (Pump + Motor)		%
	Start Mode (DOL, SS, VSD, etc.)		Specify
Mass			
Mass	Pump + Motor		Kg
	Total		Kg
Materials and Finishes			
Pump + Motor - Housing	Material		Specify
	Finish		Specify
Pump - Impeller	Material		Specify
	Finish		Specify
Pump - Shaft	Material		Specify
	Finish		Specify
Duct Foot	Material	304 Stainless Steel	Specify

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

DATASHEET (COMPULSORY TO COMPLETE AS PART OF TENDER RETURNABLE DOCUMENTS)			
Description	Details / Units	Offered	Unit
	Finish	N/A	Specify
Guiderails	Material	304 Stainless Steel	Specify
	Finish	N/A	Specify
Fixtures	Material	304 Stainless Steel	Specify
	Finish	N/A	Specify
Date		Signature of Tenderer	

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

DATASHEET (COMPULSORY TO COMPLETE AS PART OF TENDER RETURNABLE DOCUMENTS)				
Description	Details / Units	Offered	Recommended	Unit
Level Transmitter				
Manufacturer	Name	Endress and Hauser		Specify
	Place			Specify
Level Transmitter	Make	Endress and Hauser		Specify
	Model	FMR20		Specify
Operation		Measure Level	Measure Level	Specify
Level Transmitter	Power Requirement			W
	Power Supply			Specify
	Voltage			V
	Protection Class	IP68		Class
	Measuring Error	<2		mm
	Process - Temperature - Min	-40		°C
	Process - Temperature - Max	80		°C
	Storage - Temperature - Min	-40		°C
Requirements: General	Storage - Temperature - Max	80		°C
	Surge Protection Required	Y	Y	Y/N
	Local Indication Required	Y	Y	Y/N
Mass				
Mass	Level Transmitter	2,5		Kg
Materials and Finishes				
Housing	Material	PVDF		Specify
	Finish	N/A		Specify
Seal	Material	EPDM Rubber		Specify
	Finish	N/A		Specify
Connection	Material	PVDF		Specify
	Finish	N/A		Specify
Fixtures	Material	304 Stainless Steel	304 Stainless Steel	Specify

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

DATASHEET (COMPULSORY TO COMPLETE AS PART OF TENDER RETURNABLE DOCUMENTS)				
Description	Details / Units	Offered	Recommended	Unit
	Finish	N/A	N/A	Specify
Date			Signature of Tenderer	

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

DATASHEET (COMPULSORY TO COMPLETE AS PART OF TENDER RETURNABLE DOCUMENTS)				
Description	Details / Units	Offered	Recommended	Unit
Pressure Transmitter				
Manufacturer	Name	Endress and Hauser		Specify
	Place			Specify
Pressure Transmitter	Make	Endress and Hauser		Specify
	Model	PMC51B		Specify
Operation		Measure Pressure	Measure Pressure	Specify
Pressure Transmitter	Power Requirement			W
	Power Supply			Specify
	Voltage			V
	Protection Class	IP68		Class
	Measuring Error	0.1		mBar
	Process - Temperature - Min	-40		°C
	Process - Temperature - Max	80		°C
	Storage - Temperature - Min	-40		°C
	Storage - Temperature - Max	80		°C
	Pressure Range - Measured - Min	100		mBar
	Pressure Range - Measured - Max	40		Bar
	Pressure Range - Max	60		Bar
Requirements: General	Surge Protection Required	Y	Y	Y/N
	Local Indication Required	Y	Y	Y/N
Mass				
Mass	Pressure Transmitter	1,1		Kg
Materials and Finishes				
Housing	Material	Aluminium		Specify
	Finish	N/A		Specify
	Sight Glass	Glass		Specify
Membrane	Material	Aluminium Oxide Ceramic		Specify
	Finish	N/A		Specify

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

DATASHEET (COMPULSORY TO COMPLETE AS PART OF TENDER RETURNABLE DOCUMENTS)				
Description	Details / Units	Offered	Recommended	Unit
Seal	Material	EPDM Rubber		Specify
	Finish	N/A		Specify
Connection	Material	304 Stainless Steel	304 Stainless Steel	Specify
	Finish	N/A	N/A	Specify
Fixtures	Material	304 Stainless Steel	304 Stainless Steel	Specify
	Finish	N/A	N/A	Specify
Date			Signature of Tenderer	

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

DATASHEET (COMPULSORY TO COMPLETE AS PART OF TENDER RETURNABLE DOCUMENTS)				
Description	Details / Units	Offered	Recommended	Unit
Dissolved Oxygen (DO) Sensor				
Manufacturer	Name	Endress and Hauser		Specify
	Place			Specify
DO Sensor	Make	Endress and Hauser		Specify
	Model	Oxymax COS61D		Specify
Operation		Measure DO	Measure DO	Specify
DO Sensor	Power Requirement			W
	Power Supply			Specify
	Voltage			V
	Protection Class	IP68		Class
	Measuring Error	0,01 or 1%		mg/L
	Measuring Range	0-20mg/L		mg/L
	Process - Temperature - Min	-5		°C
	Process - Temperature - Max	60		°C
	Storage - Temperature - Min	-20		°C
	Storage - Temperature - Max	70		°C
Requirements: General	Surge Protection Required	Y	Y	Y/N
	Local Indication Required	Y	Y	Y/N
Transmitter	Make	Endress and Hauser		Specify
	Model	CM44x		Specify
Mass				
Mass	DO Sensor	0,7		Kg
Materials and Finishes				
Membrane - Cap	Material	PVC/POM		Specify
	Finish	N/A		Specify
Sensor - Shaft	Material	316L Stainless Steel		Specify
	Finish	N/A		Specify
O-Rings	Material	EPDM Rubber		Specify
	Finish	N/A		Specify

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

DATASHEET (COMPULSORY TO COMPLETE AS PART OF TENDER RETURNABLE DOCUMENTS)				
Description	Details / Units	Offered	Recommended	Unit
Transmitter Housing	Material	2.0mm Mild Steel	2.0mm Mild Steel	Specify
	Finish	Powder Coated - Orange	Powder Coated - Orange	Specify
	Protection Class	IP65	IP65	Class
Fixtures	Material	304 Stainless Steel	304 Stainless Steel	Specify
	Finish	N/A	N/A	Specify
Date			Signature of Tenderer	

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

DATASHEET (COMPULSORY TO COMPLETE AS PART OF TENDER RETURNABLE DOCUMENTS)				
Description	Details / Units	Offered	Recommended	Unit
Mixed Liquid Suspended Solids (MLSS) Sensor				
Manufacturer	Name	Endress and Hauser		Specify
	Place			Specify
MLSS Sensor	Make	Endress and Hauser		Specify
	Model	Turbimax CUS51D		Specify
Operation		Measure DO	Measure DO	Specify
MLSS Sensor	Power Requirement			W
	Power Supply			Specify
	Voltage			V
	Protection Class	IP68		Class
	Measuring Error	< 5%		mg/L
	Measuring Range	0-5000mg/L		mg/L
	Process - Temperature - Min	-5		°C
	Process - Temperature - Max	50		°C
	Storage - Temperature - Min	-20		°C
	Storage - Temperature - Max	70		°C
Requirements: General	Surge Protection Required	Y	Y	Y/N
	Local Indication Required	Y	Y	Y/N
Transmitter	Make	Endress and Hauser		Specify
	Model	CM44x		Specify
Mass				
Mass	MLSS Sensor	0,7		Kg
Materials and Finishes				
Sensor	Material	316L Stainless Steel		Specify
	Finish	N/A		Specify
O-Rings	Material	EPDM Rubber		Specify
	Finish	N/A		Specify
Transmitter Housing	Material	2.0mm Mild Steel	2.0mm Mild Steel	Specify
	Finish	Powder Coated - Orange	Powder Coated - Orange	Specify

Contractor
Witness 1
Witness 2
Employer
Witness 1
Witness 2

DATASHEET (COMPULSORY TO COMPLETE AS PART OF TENDER RETURNABLE DOCUMENTS)				
Description	Details / Units	Offered	Recommended	Unit
	Protection Class	IP65	IP65	Class
Fixtures	Material	304 Stainless Steel	304 Stainless Steel	Specify
	Finish	N/A	N/A	Specify
Date			Signature of Tenderer	

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

DATASHEET (COMPULSORY TO COMPLETE AS PART OF TENDER RETURNABLE DOCUMENTS)				
Description	Details / Units	Offered	Recommended	Unit
Mixed Liquid Suspended Solids (MLSS) Meter				
Manufacturer	Name	Endress and Hauser		Specify
	Place			Specify
Free Chlorine Sensor	Make	Endress and Hauser		Specify
	Model	CCS120		Specify
Operation		Measure Free Chlorine	Measure Free Chlorine	Specify
Free Chlorine Sensor	Power Requirement			W
	Power Supply			Specify
	Voltage			V
	Protection Class	IP68		Class
	Measuring Error	0,01		mg/L
	Measuring Range	0,1-10mg/L		mg/L
	Process - Temperature - Min	5		°C
	Process - Temperature - Max	45		°C
	Storage - Temperature - Min	5		°C
	Storage - Temperature - Max	50		°C
Requirements: General	Surge Protection Required	Y	Y	Y/N
	Local Indication Required	Y	Y	Y/N
Transmitter	Make	Endress and Hauser		Specify
	Model	CCM223		Specify
Mass				
Mass	Free Chlorine Sensor	0,7		Kg
Materials and Finishes				
Sensor - Cap	Material	PPE		Specify
	Finish	N/A		Specify
Sensor - Shaft	Material	PVC		Specify
	Finish	N/A		Specify
Transmitter Housing	Material	2.0mm Mild Steel	2.0mm Mild Steel	Specify
	Finish	Powder Coated - Orange	Powder Coated - Orange	Specify

Contractor

Witness 1

Witness 2

Employer

Witness 1

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DATASHEET (COMPULSORY TO COMPLETE AS PART OF TENDER RETURNABLE DOCUMENTS)				
Description	Details / Units	Offered	Recommended	Unit
	Protection Class	IP65	IP65	Class
Fixtures	Material	304 Stainless Steel	304 Stainless Steel	Specify
	Finish	N/A	N/A	Specify
Date			Signature of Tenderer	

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

DATASHEET (COMPULSORY TO COMPLETE AS PART OF TENDER RETURNABLE DOCUMENTS)				
Description	Details / Units	Recommended	Offered	Unit
PLC (Programme Logic Controllers)				
Manufacturer	Name	Schneider		Specify
	Place			Specify
PLC	Make	Schneider		Specify
	Model	M340 with X80 IO		Specify
	CPU part number	BMXP342020		Specify
	Digital Input channels	16		Specify
	Digital Input card part number	BMXDDI1602		Specify
	Digital Output channels	16		Specify
	Digital output card part number	BMXDDO1602		Specify
	Analogue Input channels	8		Specify
	Analog Input card part number	BMXAMI0810		Specify
	Analogue Output channels	4		Specify
	Analog output card part number	BMXAMO0410		Specify
	Remote IO card Ethernet card part number	BMECRA31210		Specify
	Programming Language	IEC 61131		Specify
	PLC Panel	Protection Class	IP68	
Mounting		Outdoor Floor Standing		
Power Supply		24V DC		V
Wire Colours		Refer to Specification		
Terminals		Refer to Specification		
Glanding		Refer to Specification		
UPS (Uninterruptable Power Supply)		Y		Y/N
Panel light required		Y		Y/N
230 VAC Socket outlet required		Y		Y/N
Material		Powder Coated 304 Stainless Steel		Specify
Finish		Powder Coated - Orange		Specify

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

DATASHEET (COMPULSORY TO COMPLETE AS PART OF TENDER RETURNABLE DOCUMENTS)				
Description	Details / Units	Recommended	Offered	Unit
UPS (Uninterruptable Power Supply)				
Manufacturer	Name			Specify
	Place			Specify
UPS	Make			Specify
	Model			Specify
	Type	Industrial inline double conversion with full static bypass		Specify
	Power	3kVA		kVA
	Backup Time	30		min
	Output Voltage	230V +-5%		V
	Nominal Frequency	50		Hz
	Output Waveform	Pure sine wave		Specify
	Number of Phases	1		Specify
	Communication	Ethernet		Specify
	Battery Life	min 10		Years
	Battery Type	Li-Ion		Specify
Managed ETHERNET Ring Switch				
Manufacturer	Name	Schneider		Specify
	Place			Specify
Managed ETHERNET Ring Switch	Make	Schneider		Specify
	Model	Connexium		Specify
	Part number	MCSESM103F2CU0		Specify
	Ethernet Ports	8		NO
	Fibre ports (SFP)	2		NO
	Fibre Termination type	SC		Specify
	Mounting type	DIN rail		Specify
	Power Supply	24VDC		V
	Speed copper	10/100		MBit
	Speed fibre	100		MBit
	Datasheet included with tender	Y		Y/N

Contractor

Witness 1

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Employer

Witness 1

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DATASHEET (COMPULSORY TO COMPLETE AS PART OF TENDER RETURNABLE DOCUMENTS)				
Description	Details / Units	Recommended	Offered	Unit
Unmanaged ETHERNET Ring Switch				
Manufacturer	Name	Schneider		Specify
	Place			Specify
Unmanaged ETHERNET Ring Switch	Make	Schneider		Specify
	Model	Connexium		Specify
	Part number	MCSESU083FN0		Specify
	Ethernet Ports	8		NO
	Mounting type	DIN rail		Specify
	Power Supply	24VDC		V
	Speed copper	10/100		MBit
Date			Signature of Tenderer	

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

DATASHEET (COMPULSORY TO COMPLETE AS PART OF TENDER RETURNABLE DOCUMENTS)				
Description	Details / Units	Recommended	Offered	Unit
Outdoor Bullet Camera				
Manufacturer	Name	Hikvision		Specify
	Place			Specify
Outdoor Bullet Camera	Type	IP		Analog/ IP
	Resolution - Mega-pixels	>=2		MP
	IR Range	30		MP
	Image Stabilisation	Y	Y	Y/N
	Colour night vision	Y	Y	Y/N
	SD Card enabled	Y	Y	Y/N
	Motion Detection Enabled	Y	Y	Y/N
	PoE enabled	Y	Y	Y/N
	Strobe light & Audible warning	Y	Y	Y/N
	Integrated mounting bracket	Y	Y	Y/N
	Water Damp Protection	Y	Y	Y/N
	Protection Class	IP67		Class
Securing and mounting brackets material	Material	304 Stainless Steel	304 Stainless Steel	Specify
	Finish	N/A	N/A	Specify
Indoor Bullet Camera				
Manufacturer	Name	Hikvision		Specify
	Place			Specify
Indoor Bullet Camera	Turrent, Dome or Bullet	Turrent		Specify
	Type	IP		Analog/ IP
	Resolution - Mega-pixels	>=2		MP
	IR Range	30		MP
	Image Stabilisation	Y	Y	Y/N
	Colour night vision	Y	Y	Y/N
	SD Card enabled	Y	Y	Y/N
	Motion Detection Enabled	Y	Y	Y/N

Contractor

Witness 1

Witness 2

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Witness 1

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DATASHEET (COMPULSORY TO COMPLETE AS PART OF TENDER RETURNABLE DOCUMENTS)				
Description	Details / Units	Recommended	Offered	Unit
	PoE enabled	Y	Y	Y/N
	Strobe light & Audible warning	Y	Y	Y/N
	Integrated mounting bracket	Y	Y	Y/N
	Water Damp Protection	Y	Y	Y/N
	Protection Class	IP67		Class
Securing and mounting brackets material	Material	304 Stainless Steel	304 Stainless Steel	Specify
	Finish	N/A	N/A	Specify
Outdoor PTZ Camera				
Manufacturer	Name	Hikvision		Specify
	Place			Specify
Indoor Bullet Camera	Type	IP		Analog/ IP
	Resolution - Mega-pixels	>=3		MP
	IR Range	80		MP
	Optical Zoom	>=20		x
	Pan range	360		deg
	Pan Speed	>=50		deg/s
	Tilt Range	-15 to 90 (auto flip)		deg
	Tilt Speed	>=50		deg/s
	Image Stabilisation	Y	Y	Y/N
	Colour night vision	Y	Y	Y/N
	SD Card enabled	Y	Y	Y/N
	Focus on Human and Vehicle targets	Y	Y	Y/N
	PoE enabled	Y	Y	Y/N
	Strobe light & Audible warning	Y	Y	Y/N
	Integrated mounting bracket	Y	Y	Y/N
	Water Damp Protection	Y	Y	Y/N
	Protection Class	IP67		Class
	Securing and	Material	304 Stainless Steel	304 Stainless Steel

Contractor

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Employer

Witness 1

Witness 2

DATASHEET (COMPULSORY TO COMPLETE AS PART OF TENDER RETURNABLE DOCUMENTS)				
Description	Details / Units	Recommended	Offered	Unit
mounting brackets material	Finish	N/A	N/A	Specify
Power Over ETHERNET Switch				
Manufacturer	Name	Hershman		Specify
	Place			Specify
Power Over ETHERNET Switch	Number of Fibre optic ports	2		No.
	Number of Ethernet ports	8		No.
	Data rate	1		Gbps
	Processor speed	Y		Mhz
	Memory			MB
	Storage			MB
	Casing	DIN Rail		
DC Owner Supply				
Manufacturer	Name			Specify
	Place			Specify
DC Owner Supply	Type	Switch mode		
	Input Voltage	100-250		VAC
	Output Voltage	48		VDC
	Casing	DIN Rail		
UPS				
Manufacturer	Name	Hikvision		Specify
	Place			Specify
UPS	Type	Inline double conversion with static bypass		Specify
	Power	Load +35%		W
	Backup time	30		min
	Number of Phases	>=20		x
	Battery Type	LiFe or LiFePO4		-
	Battery Life guarantee	10		years
	OEM Datasheets included with tender	Y	Y	Y/N

Contractor

Witness 1

Witness 2

Employer

Witness 1

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DATASHEET (COMPULSORY TO COMPLETE AS PART OF TENDER RETURNABLE DOCUMENTS)				
Description	Details / Units	Recommended	Offered	Unit
Network Panel				
Manufacturer	Name	Hikvision		Specify
	Place			Specify
Network Panel	Type	19" Rack		-
	Size	>=12U		U
	Minimum Depth	450		mm
	Installation	Wall mounted		-
	IP Rating	53		IP
	Forced ventilation fans	Y		Y/N
	Lockable	Y		Y/N
	Internal Power rail	Y		Y/N
	DIN rail mount kit	Y		Y/N
	Material	Cold Rolled Steel	Cold Rolled Steel	Specify
	Finish	Powder Coated - Black	Powder Coated - Black	Specify
	Securing and mounting brackets material	Material	304 Stainless Steel	304 Stainless Steel
Finish		N/A	N/A	Specify
Date			Signature of Tenderer	

Contractor

Witness 1

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Employer

Witness 1

Witness 2

DATASHEET

(COMPULSORY TO COMPLETE AS PART OF TENDER RETURNABLE DOCUMENTS)

Refer to the Particular Specifications

RESILIENT SEAL GATE VALVE

No.	Item	Technical Particulars
1.1	General Data	
1.1.1	Country of origin	
1.1.2	Manufacturer (name & country)	
1.1.3	Supplier	
1.1.4	Product name	
1.2	Materials	
1.2.1	Valve body	
1.2.2	Spindle	
1.2.3	Disc	
1.2.4	Valve seat	

WEDGE GATE VALVE

No.	Item	Technical Particulars
2.1	General data	
2.1.1	Country of origin	
2.1.2	Manufacturer (name & country)	
2.1.3	Supplier	
2.1.4	Product name	
2.2	Materials	
2.2.1	Valve body	
2.2.2	Spindle	
2.2.3	Disc	
2.2.4	Valve seat	

BUTTERFLY VALVES

No.	Item	Technical Particulars
3.1	General Data	
3.1.1	Country of origin	
3.1.2	Manufacturer (name & country)	
3.1.3	Supplier	
3.1.4	Product name	
3.2	Materials	
3.2.1	Valve body	
3.2.2	Sub-shaft	

Contractor

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Employer

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No.	Item	Technical Particulars
3.2.3	Disc	
3.2.4	Valve seat	

AIR VALVES

No.	Item	Technical Particulars
4.1	General data	
4.1.1	Country of origin	
4.1.2	Manufacturer (name & country)	
4.1.3	Supplier	
4.1.4	Model number	
4.1.5	Product name	
4.2	Materials	
4.2.1	Valve body	
4.2.2	Float	

HYDRAULIC CONTROL VALVES

No.	Item	Technical Particulars
5.1	General Data	
5.1.1	Country of origin	
5.1.2	Manufacturer (name & country)	
5.1.3	Product name	
5.2	Materials	
5.2.1	Valve body	
5.2.2	Spindle	
5.2.3	Disc	
5.2.4	Valve seat	
5.2.5	Others (Tenderer to specify)	

ELECTRO-MAGNETIC FLOW METERS

No.	Item	Technical Particulars
8.1	Manufacturer (name & country)	
8.2	Supplier	
8.3	Type	
8.4	Model	
8.5	Country of manufacturer	
8.6	Installation contractor	

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

PIPE FITTINGS AND SPECIALS

No.	Item	Technical Particulars
9.1	Steel	
9.1.1	Country of origin	
9.1.2	Manufacturer (name & country)	
9.1.3	Place of manufacture	
9.1.4	Supplier	
9.1.5	Material grade	
9.2	Stainless Steel	
9.2.1	Country of origin	
9.2.2	Manufacturer (name & country)	
9.2.3	Place of manufacture	
9.2.4	Supplier	
9.2.5	Material grade	
9.3	Coating and Lining	
9.3.1	Application factory name	
9.3.2	Location of factory	
9.3.3	Epoxy lining product name	
9.3.4	Epoxy coating product name	
9.3.5	UV-Resistant multi-purpose epoxy product name	
9.3.6	Aliphatic polyurethane product name	
9.3.7	Polymer modified bitumen (Bituguard or Densotherm) product name	
9.3.8	Rigid polyurethane product name	

PVC-O PIPE LENGTHS

No.	Item	Technical Particulars
10.1	General Data	
10.1.1	Country of origin	
10.1.2	Manufacturer (name & country)	
10.1.3	Place of manufacture	
10.1.4	Supplier	
10.1.5	Material grade	

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2