



CONTRACT NO: VCWB316/UPSHRMP/23

VAAAL CENTRAL WATER BOARD

SUPPLY AND DELIVERY OF PIPES, VALVES AND FITTINGS FOR THE CONSTRUCTION OF MAIN WATER PIPELINES

PROCUREMENT DOCUMENT

February 24

TENDER SUBMITTED BY:

Registered Name of Company:.....

Address:.....

Telephone Number:.....

Fax Number:.....

E-mail:.....

Issued by:

VAAAL CENTRAL WATER BOARD
PO Box 30121
Pellissier
9322



ISSUE DATE: 21 FEBRUARY 2024

BRIEFING SESSION: NONE

CLOSING DATE: 26 MARCH 2024

VAAL CENTRAL WATER BOARD

CONTRACT NO: VCWB316/UPSHRMP/23

**SUPPLY AND DELIVERY OF PIPES, VALVES AND FITTINGS FOR THE CONSTRUCTION
OF MAIN WATER PIPELINES**

TENDER SUMMARY

TENDER (Supply of material)

- 1. Gross Tender Sum (Incl. VAT): R.....
- 2. Delivery Period:(weeks)

Name of Bidder:
.....

Address:
.....
.....
.....

Signature of Bidder

Date

VAAL CENTRAL WATER BOARD

Date

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

VAAL CENTRAL WATER BOARD

CONTRACT NO.

VCWB316/UPSHRMP/23

SUPPLY AND DELIVERY OF PIPES, VALVES AND FITTINGS FOR THE CONSTRUCTION OF MAIN WATER PIPELINES

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Contractor

Witness 1

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Employer

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VAAL CENTRAL WATER BOARD

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SUPPLY AND DELIVERY OF PIPES, VALVES AND FITTINGS FOR THE CONSTRUCTION OF MAIN WATER PIPELINES

PART A: TENDER INFORMATION

A. Tender Information

A.1 Tender DataA.1.1

A.2 Returnable Documents.....A.2.1

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

CONTRACT NO: VCWB316/UPSHRMP/23

SUPPLY AND DELIVERY OF PIPES, VALVES AND FITTINGS FOR THE CONSTRUCTION OF MAIN WATER PIPELINES

Section T1.1: Tender Notice and Invitation to Tender

Vaal Central Board (Formerly 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.

Scope of Contract

The contract entails the following:

Supply, delivery and off-loading of the following GRP pipes to site:

- 1500m X 600mm diameter PN6 GRP SN5000 plain-ended 12m (length) pipes
- 1500m X 600mm diameter PN6 GRP SN5000 plain-ended 6m (length) pipes
- 250m X 800mm diameter PN6 GRP SN5000 plain-ended 12m (length) pipes
- 250m X 800mm diameter PN6 GRP SN5000 plain-ended 6m (length) pipes

The supply, delivery and off-loading of the following GRP fittings to site:

- 600mm diameter PN6 GRP double-bell couplings
- 600mm diameter PN6 GRP angled couplings
- 800mm diameter PN6 GRP sewer couplings
- 600mm diameter PN6 plain-ended Tee with 300mm diameter flanged branch
- 600mm diameter PN6 plain-ended Tee with 150mm diameter flanged branch
- 800mm diameter PN6 plain-ended Tee with 800mm diameter access branch 1000mm high
- 600mm diameter 11.25° GRP plain-ended bend
- 600mm diameter 22.50° GRP plain-ended bend
- 800mm diameter 90° plain-ended bend with 800mm diameter access branch 1000mm high
- 800mm diameter 45° plain-ended bend with 800mm diameter access branch 1000mm high

The supply and delivery of the following high pressure valves:

Description	Size	Quantity
Gate Valves	600 mm	8
	150 mm	28
	100 mm	27
	Total	63
Airvalves	600 mm	10
	150 mm	10
	100 mm	10
	50 mm	10
	Total	40
Non-Return Valves	600mm	7

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

- The supply and delivery of steel pipes & fittings for valve chambers
- The supply and delivery of gasket sets for all flanged pipes, fittings and valves
- The materials must be transported and off-loaded by the supplier to the following site:
 - DWS Steinkopf Office, Northern Cape Province.
- The Supplier is also responsible for the issuing of inspection certificates by an accredited inspector from a third-party company before the pipes are dispatched from the factory.

Where bid documents can be obtained:

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

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

No compulsory briefing session will be held with the representatives of the employer.

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, **26 March 2024** 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. VCWB316/UPSHRMP/23 - SUPPLY AND DELIVERY OF PIPES, VALVES AND FITTINGS FOR THE CONSTRUCTION OF MAIN WATER PIPELINES** 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.

Tenders may only be submitted on the tender documentation that has been issued. **A two-envelope system will NOT be followed.**

Each proposal must be submitted in **1 envelope clearly marked:**

1. **VCWB316/UPSHRMP/23 – Request for Proposal (RFP): SUPPLY AND DELIVERY OF PIPES, VALVES AND FITTINGS FOR THE CONSTRUCTION OF MAIN WATER PIPELINES - Technical Proposal and Financial Proposal (must include a USB or DISC with electronic BoQ inside the envelope).**

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

A.1.2 Alternative Tender offers

If a Tenderer wishes to submit an alternative Tender offer, he shall do so as separate complete offer on a separate complete set of Tender documents clearly marked as an "Alternative Tender" in order to distinguish it from the unqualified Tender. The only criterion permitted for such alternative Tender offer is that it demonstrably satisfies the Employer's standard and requirements, the details of which may be obtained from the Employer's Agent.

Calculations, drawings and all other pertinent technical information and characteristics as well as modified or proposed Pricing Data must be submitted with the alternative Tender offer to enable the Employer to evaluate the efficacy of the alternative and its principal elements, to take a view on the degree to which the alternative complies with the Employer's standards and requirements and to evaluate the acceptability of the pricing proposals. Calculations must be set out in a clear and logical sequence and must clearly reflect all design assumptions. Pricing Data must reflect all assumptions in the development of the pricing proposal.

Acceptance of an alternative Tender offer will mean acceptance in principle of the offer. It will be an obligation of the contract for the Tenderer, in the event that the alternative is accepted, to accept full responsibility and liability that the alternative offer complies in all respects with the Employer's standards and requirements.

A.1.3 Validity of Tenders

The Tenders must be valid for a period of **90 days**

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 or 80/20. Vaal Central Water reserves the right not to award the tender to the highest scoring bidder.

Technical Queries can be directed to:

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

Tender Administrative Queries can be directed to:

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

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 BOARD

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**SUPPLY AND DELIVERY OF PIPES, VALVES AND FITTINGS FOR THE CONSTRUCTION
OF MAIN WATER PIPELINES**

A.2 Returnable Documents

Returnable Documents required for tender evaluation purposes

- 1 CHECKLIST FOR RETURNABLE DOCUMENTS A.2.2
- 2 TAX CLEARANCE CERTIFICATE A.2.3
- 3 DISCLOSURE FORM A.2.4
- 4 PREFERENCE POINTS CLAIM FORM IN TERMS OF THE PREFERENTIAL PROCUREMENT
REGULATIONS 2022 (BBBEE CERTIFICATE TO BE ATTACHED) A.2.4
- 5 SUPPLIER DECLARATION FORM A.2.4

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

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

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

Clause	Addition or Variation to Standard Conditions of Tender
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.
1.4	The Employer's Agent is (also referred to as the Engineer): BVi Consulting Engineers Central (Pty) Ltd 17 President Steyn Avenue Westdene Bloemfontein 9301
1.5 1.5.1	The Employer's right to accept or reject any tender offer Replace the contents of the clause with the following: 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
1.6.1	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 F.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.
2.1	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.

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

A.2.7

Clause	Addition or Variation to Standard Conditions of Tender
2.2.	<p>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.</p> <p>As far as possible, the bidder must consider subcontractors from the area/s where the project will be taking place.</p>
2.2.1	<p>Add the following to sub-clause 2.2.1:</p> <p>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).</p>
F2.6	<p>Add the following to the clause:</p> <p>Failure to acknowledge receipt of any addenda will result in disqualification.</p> <p>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.</p>
2.7	<p>A compulsory clarification meeting and site visit will be held as follows:</p> <p>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.</p> <p>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).</p> <p>Failure to fill the attendance register and/or the "Site Inspection Certificate" will result in a disqualification.</p> <p>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.</p> <p>Addenda will be issued only to those tendering entities appearing on the attendance list.</p>
2.8	<p>Replace the contents of the clause with the following:</p> <p>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.</p>
2.9	<p>Add the following to the clause:</p> <p>The Contractor shall be responsible to affect all insurance as required for the purposes of executing the Contract.</p>

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

Clause	Addition or Variation to Standard Conditions of Tender
2.11	<p>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. Tampering with or taking the documents apart is strictly prohibited.”</p>
2.12.1	<p>Add the following to the clause: All alternative tender offers shall be referred to in Section T2.2.1 – Alterations to Tender</p>
2.13.2	<p>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.</p>
2.13.3	<p>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.</p>
2.13.4	<p>Add the following to the clause: Only authorised signatories may sign the original and all copies of the bid offer where required in terms of 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.</p>
2.13.5	<p>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: VCWB316/UPSHRMP/23 Title of tender: SUPPLY AND DELIVERY OF PIPES, VALVES AND FITTINGS FOR THE CONSTRUCTION OF MAIN WATER PIPELINES Sealed tenders with the Tenderer's name and address and the endorsement “TENDER NO. VCWB316/UPSHRMP/23: on the envelope, must be placed in the appropriate official tender box at the abovementioned address.</p>

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

Clause	Addition or Variation to Standard Conditions of Tender
2.13.6	A two-envelope procedure will NOT be followed.
2.13.10	Add the following sub- clause 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.
2.14	<p>Add the following to the clause:</p> <p>The Bidder is required to enter information in the following sections of the document:</p> <p>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</p> <p>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.</p> <p>The Bidder shall complete and sign the Form of Offer prior to the submission of a Bid Offer.</p> <p>The Schedule of Deviations (if applicable) shall be signed by the successful Bidder after acceptance by the Employer of the Bid Offer.</p> <p>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.</p> <p>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.</p> <p>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.</p>
2.15.1	<p>Add the following to the clause:</p> <p>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.</p>
2.16.1	The bid offer validity period is 90 days .
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.

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

Clause	Addition or Variation to Standard Conditions of Tender
2.16.5	<p>Add the following new clause:</p> <p>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.</p>
F2.17	<p>Clarification of tender offer after submission</p> <p>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.</p> <p>Note: Sub-clause F.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.</p>
2.18.1	<p>Add the following to the clause:</p> <p>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.</p> <p>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.</p>
2.22	Return all retained bid documents prior to the closing time for the submission of Bid Offers.
2.23	Refer eligibility criteria as specified in clause F2.1.1, information and data to be completed in all respects as per clause F.2.14, and the test for responsiveness as specified in clause F3.8.1.
2.24 (New clause)	<p>Add new clause:</p> <p>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.</p> <p>No Bidder shall make any attempt to obtain particulars of any relevant information, other than that disclosed at the opening of bids.</p>

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

Clause	Addition or Variation to Standard Conditions of Tender
2.25 (New clause)	<p>Add new clause: Accept that the Employer is prohibited to award a bid to a person:-</p> <ul style="list-style-type: none"> a) who is in the service of the State; or b) 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 c) a person who is an advisor or consultant contracted with the municipality or municipal entity. <p>"In the service of the State" means to be –</p> <ul style="list-style-type: none"> a) a member of – <ul style="list-style-type: none"> • any Municipal Council; • any provincial legislature; or 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; e) provincial public entity or constitutional institution within the meaning of the Public Finance Management Act, 1999 (Act No.1 of 1999); f) a member of the accounting authority of any national or provincial public entity; or an employee of Parliament or a provincial legislature.
2.26 (New clause)	<p>Add 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 –</p> <ul style="list-style-type: none"> a) the name of that person; b) the capacity in which that person is in the service of the state; and c) the amount of the award. <p>In order to give effect to the above, the questionnaire for the declaration of interests in the bid of persons in service of state in Section T2.2 must be completed.</p>
3.1	<p>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.</p>
3.4	Bids will be opened immediately after the closing time for bids, at the same venue.
3.8.1	<p>Test for responsiveness A responsive tender will be evaluated in terms of the following: Accept that failure to comply with any one of this requirements, shall result in a tender offer being regarded as non-responsive</p> <ul style="list-style-type: none"> • the eligibility requirements of Clause F2.1.1, • attendance at the clarification meeting as per Clause F2.7, • all required documents signed by the authorised signatories as per Clause F2.13.4, • acknowledge addenda as per Clause F3.2 • Information and Data required to be Completed in all respects as per Clause F.2.14

Contractor

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Employer

Witness 1

Witness 2

Clause	Addition or Variation to Standard Conditions of Tender
3.9	<p>Replace the contents of the clause with the following: Check responsive bid offers for arithmetical errors, correcting them in the following manner:</p> <ol style="list-style-type: none"> 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. <p>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.</p>
3.11	<p>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.</p> <p>Following the evaluation of the pre-qualification requirement above, Functionality, Price and Preference will be used to evaluate all responsive Bid Offers, as follows:</p> <ol style="list-style-type: none"> 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. <p>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:</p> <ul style="list-style-type: none"> 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.

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

	<p>Price Analysis</p> <p>Vaal Central Water 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 that 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.</p> <p>The financial tolerance range for this bid is -20% to +20%.</p>
	<p>Objective Criteria</p> <p>Vaal Central Water shall apply objective criteria in accordance with the PPPFA.</p> <p>Rotation of suppliers for bids will be done on the following conditions:</p> <ul style="list-style-type: none"> 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. <p>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.</p>

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

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:

A.2.15

<p>Demonstrate Operational Capacity and/or Access to Capacity</p>	<p>Submit a Detailed Plan, addressing the following elements:</p> <p>OWNERSHIP</p> <p>(i) Transportation in terms of delivery - provide proof of ownership vehicle registration (company or shareholders) of a vehicle/s that are applicable/functional for the delivery of goods required = 20 Points (Owned or Leased)</p> <p>ACCESSIBILITY (When the service provider does not own the means of production)</p> <p>(i) Transportation in terms of delivery - provide proof of access to a vehicle through vehicle registration (company or shareholders) of a vehicle that is applicable/functional for the delivery of goods required = 20 Points</p> <p>NB: Vaal Central Water reserves the right to verify or conduct an inspection on the above submitted information on functionality.</p>	<p>20</p>
<p>The proximity (locality) of the service provider to the service district/centre, Free State and Northern Cape based service providers:</p> <p>1. Within a town/area = 20 Points</p> <p>2. Not within the area of supply = 0 Points</p>	<ul style="list-style-type: none"> • Proof of residence or leasing agreement if not owning the property. or • Proof of municipality accounts in the bidders' name or the name of the entity applying or or • Municipal state of account <p>Note: The lessee must submit proof of payments for the past 3 months to the lessor for the leased property.</p> <p>NB: <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></p>	<p>20</p>
<p>TOTAL FOR FUNCTIONALITY:</p>		<p>100</p>

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

Clause	Addition or Variation to Standard Conditions of Tender																				
	<p>Only Bidders scoring a minimum of 75 of a 100 points 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:</p> <p>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</p> <p>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.</p>																				
3.11.3	<p>Add the following sub-clause:</p> <p>The 80/20 preference point system for acquisition of services, works or goods up to Rand value of R50 million will apply.</p> <p>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):</p> $\left[1 - \frac{Pt - P_{min}}{P_{min}} \right]$ <p>$P_s = 80 \times$</p> <p>Where:</p> <p>P_s = Points scored for comparative price of bid or offer under consideration;</p> <p>P_t = Comparative price of bid or offer under consideration; and</p> <p>P_{min} = Comparative price of lowest acceptable bid or offer.</p> <p>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</p> <p>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:</p> <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> <p>d) A maximum of 20 points may be allocated in accordance with subparagraph (c).</p>	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	<p>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.</p> <p>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):</p> $\left[1 - \frac{Pt - P_{min}}{P_{min}} \right]$ <p>$Ps = 90 \times$</p> <p>Where:</p> <p>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.</p> <p>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</p> <p>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:</p> <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> <p>d) A maximum of 10 points may be allocated in accordance with subparagraph (c).</p>	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	<p>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.</p>																				
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	<p>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:</p> <p>a) has furnished the Employer with that provider's:</p> <ul style="list-style-type: none"> <input type="checkbox"/> full name; <input type="checkbox"/> identification number or company or other registration number; and <input type="checkbox"/> tax reference number and VAT registration number, if any; <input type="checkbox"/> Certificate of attendance at a compulsory site inspection, where applicable. <p>b) has indicated whether:</p> <ul style="list-style-type: none"> <input type="checkbox"/> the provider is in the service of the state, or has been in the service of the state in the previous twelve months; <input type="checkbox"/> 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 <input type="checkbox"/> 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. <p>Irrespective of the procurement process followed, the Employer is prohibited from making an award to a person:</p> <ul style="list-style-type: none"> <input type="checkbox"/> who is in the service of the state; <input type="checkbox"/> 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 <p>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.</p>
F4.4	<p>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:</p> <p>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;</p> <p>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;</p> <p>c) abused the supply chain management system of the Employer or has committed any improper conduct in relation to this system;</p> <p>d) been convicted of fraud or corruption during the past five years;</p> <p>e) wilfully neglected, reneged on or failed to comply with any government, municipal or other public sector contract during the past five years; or</p> <p>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.</p> <p>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.</p>

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

Clause	Addition or Variation to Standard Conditions of Tender
F.4.8	<p>Claims arising after submission of tender</p> <p>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:</p> <ol style="list-style-type: none"> 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	<p>Requests for contract documents, or parts thereof, in electronic format</p> <p>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:</p> <ol style="list-style-type: none"> 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

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

CHECKLIST FOR RETURNABLE DOCUMENTS

The following documents are to be duly **completed and returned** to constitute the bid. This information is essential to evaluate the bid. **Any omitted form/item of the required document will lead to disqualification of the bid.**

	DESCRIPTION	PAGE NR	CHECKLIST
1.	Tax Clearance Certificate Requirements	A.2.3	
2.	Declaration of Interest	A.2.4	
3.	Preference Points Claim Form	A.2.7	
4.	SBD1: Invitation to bid and company information	A.2.13	
5.	SBD4: Disclosure Forms	A.2.15	
6.	SBD 6.2: Preference Points Claim Form in Terms of the Preferential Procurement Regulations 2022	A.2.25	
7.	Proof of a fully implemented, internationally recognized, fully traceable quality control system	B.3.3	
8.	Proof of quality certification from an internationally recognized institution including SANS certificates for all materials	B.3.3	
9.	Project references of similar projects where pipes of similar specification have been provided and successfully completed in South Africa during the last 10 years.	B.3.3	

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2



TAX CLEARANCE CERTIFICATE

An **original** valid Tax Clearance Certificate from the South African Revenue Service (SARS) shall be attached to this Schedule or proof that the tenderer has made arrangements with SARS to meet his or her outstanding tax obligations.

Each party to a Consortium/Joint Venture shall submit a separate Tax Clearance Certificate, or proof that he or she has made the necessary arrangements with SARS.

SIGNED ON BEHALF OF TENDERER:

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

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]	<input type="checkbox"/> Yes <input type="checkbox"/> No		B-BBEE STATUS LEVEL SWORN AFFIDAVIT	<input type="checkbox"/> Yes <input type="checkbox"/> 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	<input type="checkbox"/>	AN ACCOUNTING OFFICER AS CONTEMPLATED IN THE CLOSE CORPORATION ACT (CCA)			
	<input type="checkbox"/>	A VERIFICATION AGENCY ACCREDITED BY THE SOUTH AFRICAN ACCREDITATION SYSTEM (SANAS)			
	<input type="checkbox"/>	A REGISTERED AUDITOR			
	<input type="checkbox"/>	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]					

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

ARE YOU THE ACCREDITED REPRESENTATIVE IN SOUTH AFRICA FOR THE GOODS /SERVICES /WORKS OFFERED?	<input type="checkbox"/> Yes <input type="checkbox"/> No [IF YES ENCLOSE PROOF]	ARE YOU A FOREIGN BASED SUPPLIER FOR THE GOODS /SERVICES /WORKS OFFERED?	<input type="checkbox"/> Yes <input type="checkbox"/> 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)	
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

<p>1. BID SUBMISSION:</p> <p>1.1. BIDS MUST BE DELIVERED BY THE STIPULATED TIME TO THE CORRECT ADDRESS. LATE BIDS WILL NOT BE ACCEPTED FOR CONSIDERATION.</p> <p>1.2. ALL BIDS MUST BE SUBMITTED ON THE OFFICIAL FORMS PROVIDED–(NOT TO BE RE-TYPED) OR ONLINE</p> <p>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.</p> <p>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.</p> <p>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.</p>
<p>2. TAX COMPLIANCE REQUIREMENTS</p> <p>2.1 BIDDERS MUST ENSURE COMPLIANCE WITH THEIR TAX OBLIGATIONS.</p> <p>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.</p> <p>2.3 APPLICATION FOR TAX COMPLIANCE STATUS (TCS) OR PIN MAY ALSO BE MADE VIA E-FILING. IN ORDER TO USE THIS PROVISION, TAXPAYERS WILL NEED TO REGISTER WITH SARS AS E-FILERS THROUGH THE WEBSITE WWW.SARS.GOV.ZA.</p> <p>2.4 BIDDERS MAY ALSO SUBMIT A PRINTED TCS TOGETHER WITH THE BID.</p> <p>2.5 IN BIDS WHERE CONSORTIA / JOINT VENTURES / SUB-CONTRACTORS ARE INVOLVED, EACH PARTY MUST SUBMIT A SEPARATE PROOF OF TCS / PIN / CSD NUMBER.</p>

Contractor	Witness 1	Witness 2	Employer	Witness 1	Witness 2

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

- | | |
|--|--|
| 3.1. IS THE BIDDER A RESIDENT OF THE REPUBLIC OF SOUTH AFRICA (RSA)? | <input type="checkbox"/> YES <input type="checkbox"/> NO |
| 3.2. DOES THE BIDDER HAVE A BRANCH IN THE RSA? | <input type="checkbox"/> YES <input type="checkbox"/> NO |
| 3.3. DOES THE BIDDER HAVE A PERMANENT ESTABLISHMENT IN THE RSA? | <input type="checkbox"/> YES <input type="checkbox"/> NO |
| 3.4. DOES THE BIDDER HAVE ANY SOURCE OF INCOME IN THE RSA? | <input type="checkbox"/> YES <input type="checkbox"/> NO |

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.

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 institution	State

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 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.

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

- 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

SBD 6.1

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.

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

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;
- (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:

$$P_s = 80 \left(1 - \frac{P_t - P_{min}}{P_{min}} \right) \text{ or } P_s = 90 \left(1 - \frac{P_t - P_{min}}{P_{min}} \right)$$

Where

P_s = Points scored for price of tender under consideration

P_t = Price of tender under consideration

P_{min} = 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:

$$P_s = 80 \left(1 + \frac{P_t - P_{max}}{P_{max}} \right) \text{ or } P_s = 90 \left(1 + \frac{P_t - P_{max}}{P_{max}} \right)$$

Where

P_s = Points scored for price of tender under consideration

P_t = Price of tender under consideration

P_{max} = Price of highest acceptable tender

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

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—
- (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 (90/10 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		

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

CATEGORIES OF PEOPLE HISTORICALLY DISADVANTAGED INDIVIDUALS	Requirements	Number of points(80/20 system)	Number of points(90/10 system)	Number of points allocated (90/10 system) (To be completed by the Tenderer)		Number of points allocated (90/10 system) (To be completed by the Tenderer)	
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							

DECLARATION WITH REGARD TO COMPANY/FIRM

4.3. Name of company/firm.....

4.4. Company registration number:

4.5. TYPE OF COMPANY/ FIRM

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

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

- ☐ Non-Profit Company
☐ State Owned Company
 [TICK APPLICABLE BOX]

4.6. 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

VAAL CENTRAL WATER BOARD

CONTRACT NO.

VCWB316/UPSHRMP/23

SUPPLY AND DELIVERY OF PIPES, VALVES AND FITTINGS FOR THE CONSTRUCTION OF MAIN WATER PIPELINES

PART B: SCOPE OF WORK

B. Scope of Work

B.1 Description of the Works.....B.1.1

B.2 Specifications.....B.2.1

B.3 Management.....B.3.1

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

VAAL CENTRAL WATER BOARD

CONTRACT NO: VCWB316/UPSHRMP/23

SUPPLY AND DELIVERY OF PIPES, VALVES AND FITTINGS FOR THE CONSTRUCTION OF MAIN WATER PIPELINES

B.1 Description of the Works

B.1.1 General

Vaal Central Water Board is currently busy with the upgrade of the Namakwa Regional Water Supply Scheme. The works contained in this contract comprise the supply and delivery of GRP pipes and fittings as well as high pressure valves onsite for the Henkries - Eenriet Rising Mains. The Tenderer/Supplier must liaise with the Contractor, the Department of Water Affairs Construction South of whom is going to do the installation so that the delivery of the materials can be aligned with the programme of the installation.

The Tenderer/Supplier is responsible for the Transport, Offloading and Insurance to supply all materials to the site.

B.1.2 Scope of Contract

The contract entails the following:

- Supply, delivery and off-loading of the following GRP pipes to site:
 - 1500m X 600mm diameter PN6 GRP SN5000 plain-ended 12m (length) pipes
 - 1500m X 600mm diameter PN6 GRP SN5000 plain-ended 6m (length) pipes
 - 250m X 800mm diameter PN6 GRP SN5000 plain-ended 12m (length) pipes
 - 250m X 800mm diameter PN6 GRP SN5000 plain-ended 6m (length) pipes
- The supply, delivery and off-loading of the following GRP fittings to site:
 - 600mm diameter PN6 GRP double-bell couplings
 - 600mm diameter PN6 GRP angled couplings
 - 800mm diameter PN6 GRP sewer couplings
 - 600mm diameter PN6 plain-ended Tee with 300mm diameter flanged branch
 - 600mm diameter PN6 plain-ended Tee with 150mm diameter flanged branch
 - 800mm diameter PN6 plain-ended Tee with 800mm diameter access branch 1000mm high
 - 600mm diameter 11.25° GRP plain-ended bend
 - 600mm diameter 22.50° GRP plain-ended bend
 - 800mm diameter 90° plain-ended bend with 800mm diameter access branch 1000mm high
 - 800mm diameter 45° plain-ended bend with 800mm diameter access branch 1000mm high

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

- The supply and delivery of the following high pressure valves:

Description	Size	Quantity
Gate Valves	600 mm	8
	150 mm	28
	100 mm	27
	Total	63
Airvalves	600 mm	10
	150 mm	10
	100 mm	10
	50 mm	10
	Total	40
Non-Return Valves	600mm	7

- The supply and delivery of steel pipes & fittings for valve chambers
- The supply and delivery of gasket sets for all flanged pipes, fittings and valves
- The materials must be transported and off-loaded by the supplier to the following site:
 - DWS Steinkopf Office, Northern Cape Province.
- The Supplier is also responsible for the issuing of inspection certificates by an accredited inspector from a third-party company before the pipes are dispatched from the factory.

B.1.3 Contract Locality

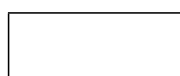
The DWS Construction South's Site office on the refurbishment of the Namakwa bulk water supply scheme is located in the Northern Cape in the Steinkopf town, next to the N7, approximately 50km from the Springbok town in the Northern direction as indicated on the Locality Map below.

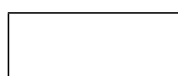
All of the pipe material will be delivered at the DWS Steinkopf Office.

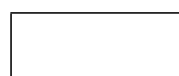
The google co-ordinates for the DWS Construction Office in Steinkopf are as follows:

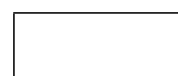
Coordinates: 29° 15' 52" S 17° 44' 25" E

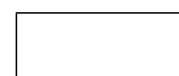

Contractor


Witness 1


Witness 2


Employer


Witness 1


Witness 2

B.1.4 Locality Plan



Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

B.1.3

VAAL CENTRAL WATER BOARD

CONTRACT NO: VCWB316/UPSHRMP/23

SUPPLY AND DELIVERY OF PIPES, VALVES AND FITTINGS FOR THE CONSTRUCTION OF MAIN WATER PIPELINES

B.2 SPECIFICATIONS

B.2.1 STANDARD SPECIFICATIONS

The standard specifications on which this contract is based are the **South African National of Standard Standardised for Civil Engineering Construction SANS 1200**. (Note to compiler. "SANS" has been changed to "SANS"; the SANS 1200 specifications are due to be replaced in the foreseeable future by SANS 1200).

Although not bound in nor issued with this Document, the following Sections of the Standardized Specifications of SANS 1200 shall form part of this Contract.

SANS 1200 A	- 1986 :	GENERAL
SANS 1200 L	- 1983 :	MEDIUM PRESSURE PIPELINES

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

B.2.2 PROJECT SPECIFICATIONS

B.2.2.1 VARIATION AND ADDITIONAL CLAUSES TO THE STANDARD SPECIFICATION LISTED IN THE LIST OF SPECIFICATIONS

PSA GENERAL (SANS 1200A)

PSA8.4 Testing of Materials

The Engineer reserves the right to carry out any test he deems necessary using commercial laboratories to ensure compliance of the materials supplied with the requirements of the applicable SANS 1200 specification, or to ensure that the standard of workmanship meets the requirements of the Specification.

In the event of these check tests not meeting the requirements of the Specification, the cost of such tests shall be for the Supplier's account. If the tests meet with the requirements of the Specification, the Supplier will be required to pay the account of the laboratory concerned, but such payments will be recoverable under the provisional sum allowed for in the Bills of Quantities. The Supplier's Tendered mark-up must allow for arranging the necessary testing and for payment, if applicable, through the contract.

PSL MEDIUM-PRESSURE PIPELINES (SANS 1200 L)

PSL3 MATERIALS

PSL3.1 GENERAL

Proof of SANS certificates must be provided beforehand in which the quality of the materials are confirmed.

All steel pipes and steel accessories shall have coatings as described at each item in the B.O.Q.

PSL3.2 STEEL PIPES AND FITTINGS

The following specifications are part or replace the standard specifications.

3.2.1 All steel pipes and fittings shall be manufactured as specified in accordance with SABS 719 by the ERW long weld method. All pipes will be visually and dimensionally checked accordance with SABS 719.

3.2.2 Dimensional tolerances will be in accordance with SABS 719.

3.2.3 Destructive testing will be in accordance with SABS 719.

3.2.4 Hydrostatic testing: All pipes and fittings will be tested in accordance with SABS 719 to minimum of 75% of the MYS (maximum yield stress) for a period of 10 seconds.

3.2.5 All pipes and fittings will be subjected to a minimum test pressure of 1.5 X the Rating Pressure

The supplier shall submit to the Engineer the steel maker's certificates covering all steel used as required in Clause 3.4 of SABS 719. The steel pipes shall be manufactured exclusively at the works of such manufacturers as may be approved by the Engineer and at only one works unless otherwise agreed by the Engineer in writing.

PSL3.3 GLASS REINFORCED POLYESTER (GRP) PIPES AND FITTINGS

The following specifications are part of or replace the standard specifications:

3.3.1 Typical description of pipes: Plain-ended GRP pipes with double-bell couplings.
Size: 600ND and 800ND; Pressure: PN6; Stiffness: SN5000; Length: 12m (or 6m)

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

- 3.3.2 Glass reinforced polyester pipes and fittings shall conform to ASTM D3262 and ASTM 3754 and AWWA C950. SANS 1748-1: 2015 Glass – Fibre – Reinforced Thermosetting Plastics (GRP) pipes: Part 1: Pipes for water Supply, Sewerage or Drainage.
- 3.3.3 Manufacturer must have an ISO-9001/2015 accredited Quality Management System.
- 3.3.4 Installation: Pipes to be installed to the manufacturers "Installation Guide for Buried Pipes-AWWA The following additional information is to be considered as discussed:
- 3.3.5 Training and supervision of supplier is to be provided on site.
- 3.3.6 Off-loading by Contractor: Spreader bar is recommended.
- 3.3.7 Handling of GRP pipes:
- a) Webbing-type slings are to be used to handle GRP pipes.
 - b) Handling of pipes on site is critical and pipes should be moved with a guide rope attached to it.
- 3.3.8 Storage:
- a) Pipes to be stored on site as recommended.
 - b) Stacking of pipes should avoided as timber is removed by locals and pipes can be damaged.
 - c) Pipes should be stored on the ground and the storage area should be flat and free of stones and rocks.
 - d) Pipes should be secured with sandbags.
 - e) Special care is required to prevent damage to the spigot end of the pipe.
 - f) Rubbers and lubricant to be stored in a container.
- 3.3.9 Trenches:
- a) To be constructed in accordance with SANS 1200LB.
 - b) Shall have a minimum width of 1.6m.
- 3.3.10 Bedding:
- a) To be constructed in accordance with SANS 1200LB.
 - b) Special attention to bedding to ensure that the pipe rest on the bedding for the length of the pipe.
 - c) Fox-holes to be in-place beneath couplings.
 - d) Haunching is critical during the installation process.
- 3.3.11 Compaction:
- a) Backfilling to be conducted in accordance with SANS 1200LB.
 - b) Backfill material to be well-compacted to 95% mod AASHTO.

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

3.3.12 Deflection:

- a) The maximum allowable deflection shall be 3% except at couplings.
- b) The maximum allowable deflection at couplings shall be 1%.
- c) It is recommended that deflection of the respective pipework is measured on a regular basis.

3.3.13 Thrust Blocks:

- a) Bends are to be encased in concrete as per the manufacturer's installation guide.

3.3.14 Rigid Structures:

- a) Rocker pipes are to be utilised in cases where connections are done to rigid structures such as valve chambers and pipe bends.

3.3.15 Testing:

- a) Contractor is to supply testing plugs and to conduct pressure testing as specified.
- b) GRP pipes are to be tested to 1.5 x Pipe Design Pressure.

3.3.16 Cutting:

Use of the correct equipment for pipe cutting namely;

- a) Cutting disc for cutting.
- b) Grinding disc for making of chamfers.

PSL3.4.1 **SPECIALS**

The working pressure for a special shall not be less than the highest working pressure in any adjacent pipe or fitting.

PSL3.8.4 **FLANGES**

Add the following:

Flanges for ductile iron flanged spigot and socket adaptors and pipe sections shall comply with BS 4504 standards and have the same or higher working pressures as the pipe or fitting. Holes shall be drilled to the relevant Tables of BS 4504. All other Steel Pipe Flanged items shall comply with SABS 1123 and have the same working pressures as the pipe or fitting. Holes shall be drilled to the relevant Tables of SABS 1123.

Any item of pipe work or special or valve, of which the flanges are incorrectly drilled, will be rejected. The reaming of bolt-holes to oversized dimensions to enable a particular item to fit will not be allowed.

All flanges shall be provided complete with bolts, nuts, washers and fibre insertions, as appropriate. Compressed asbestos fibre insertions shall be not less than 3, 0 mm thick and shall comply with BS 2815 Grade B.

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

PSL3.10 **Valves**

PSL 3.10.1 **Gate Valves (OTHER)**

Add the following:

- a) All valves shall be double-flanged and in accordance with SABS 1200 / SABS 664 Valves to be approved and matching or better the specification of AVK resilient seal types.
- b) Valves shall be clockwise closing / right-hand closing.
- c) Direction of opening to be clearly marked on valve body or spindle cap.
- d) All valves shall be delivered according to the pressure class of the section of pipeline as indicated in the bill of quantities.
- e) All valves shall have non rising spindles.
- f) All valves shall be fitted with cast iron cap tops, secured with retaining bolts.
- g) Only valves supplied with minimum thickness of 225 micron Fusion Bonded epoxy paint applied to all internal surfaces after it has been thoroughly cleaned by grit blasting to SA 2½ finish in compliance with the requirements of SIS 05 09 00 or valves with similar approved coatings, will be acceptable.

PSL 3.10.2 **Air-valves**

Add the following:

A Vent-o-Mat type RBX series (or similar approved) air-valve with a flanged gate valve with a closing wheel with all relevant bolts, nuts and gaskets must be supplied.

Each double or multiple orifice air valve shall be fitted with a suitable drain cock to release the pressure inside the valve when the isolating valve is closed at a time when the float is sealing the large orifice.

Unless otherwise specified, single, small orifice air valves shall be capable of releasing automatically under normal operating pressure and conditions any air entrapped in the pipeline, and shall be of the lever type with a 316 stainless steel ball.

PSL 3.10.3 **Non-return valve**

Add the following:

The AVK Series 41/23 Swing-Check valve type non-return valve or similar approved SANS valve with the required pressure ability between 16 bar and 40 bar as specified in the B.O.Q, must be supplied. Products of similar quality can be suggested as alternatives. See relevant drawing.

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

VAAL CENTRAL WATER BOARD

CONTRACT NO: VCWB316/UPSHRMP/23

SUPPLY AND DELIVERY OF PIPES, VALVES AND FITTINGS FOR THE CONSTRUCTION OF MAIN WATER PIPELINES

B.3 MANAGEMENT

B.3.1 PROGRAMME

B.3.1.1 Program Format

The programme for the delivery of the pipes must be provided to the Engineer and shall include the following:

- Be in a bar chart form.
- Show the sequence of delivery of the pipes.
- The expected dates for the submission of the claims and cash flow.

B.3.1.2 Program Timeframe

The supplier must ensure that at least the first **30%** of the materials manufactured are supplied to site and delivered within **10 weeks from the commencement date of the contract** due to the urgency to have the materials on site for construction. Any additional costs for transport to site in this regard must be included in the tendered price for the items in the Bill of Quantities. The Commencement date of the contract will be as described in clause 5.3.4 on **page 9 of Volume 2** of this tender documents. A penalty of R 100 000-00 per calendar day will be deducted from payments for late delivery of any material on site. Any further claims due to late delivery will be passed on to the supplier.

B.3.2 Retention Period / Guarantee

The installation of the pipeline will be done by a Contractor appointed by the client. The Supplier will also be involved in the construction process by training, supervision, inspection and certification. It is therefore expected from the Supplier to give a further guarantee on his product by the 5% retention money that will be held back for a period of 12 months after the last pipe was successfully tested and certified.

B.3.3 Factory Inspections and Certification

Provision must be made to appoint a third-party company to conduct inspections at the factory before transport of the pipes. The cost of this certification process will be included in the Tender.

No payment for any product will be approved until the prescribed certificates and documents are submitted to the Engineer for his certification.

B.3.5 Delivery and Transport of Pipes and Materials

The supply of the pipes and specials includes the delivery and off-loading on site. It is the responsibility of the supplier to arrange his own transport, off-loading and insurance on the transport. Proof of delivery on site must be signed off by the supplier, engineer and the contractor on site. Payments will only be made to the supplier after the certification of materials on site.

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

B.3.6 Appointment of Contractor for the Installation of Pipeline

The appointment of the Contractor for the installation of the pipeline will be arranged by the client. It is therefore the responsibility of the Supplier to keep to the programme and to avoid any delays on the side of the Contractor.

B.3.7 Issuing of Certificate of Completion

The supplier will also be involved during the construction process. Therefore the Supplier will be co-responsible for the successfully completion of the construction process and to put the pipeline into operation. Both the supplier and the contractor will sign off the certificate of completion.

B.3.8 Product Guarantee and support

All the material supplied by the supplier must be guaranteed and support for possible supply of extra material in the future. Product detail and specifications must be submitted with the Tender.

B.3.9 Imported Pipes and Materials

The Supplier who Tenders for the delivery of pipes must make provision for the following:

- Not all the Suppliers abroad comply with the prescribed specifications.
- The specific product from a manufacturer must be approved before the material is imported for delivery to the client.

B.3.10 Submission of Claims

Claims will be submitted on a monthly basis. Only claims for material delivered on site will be accepted. Payment certificates will be compiled and issued by the Engineer with a tax invoice from the Supplier to the Client. Payments will be done within 30 days after the certificate is handed to the client.

B.3.11 Retention Period and Responsibility

An amount of 5% of the final contract amount will be kept by the Client as a retention guarantee for the period of 12 months after the certificate of completion was issued. The Supplier will be responsible to rectify any problems that can be linked to the quality of the product during this period.

B.3.12 Quality control by the Engineer

Except for the quality control measures that must be implied by the Supplier, the Engineer will arrange and execute his own quality control inspections. A provisional sum is allowed in the Tender for the Engineer to appoint his own specialist person or company to certify the quality of the product and workmanship during the construction process. Invoices will be forwarded to the Supplier for payment and to claim with a 7, 5% mark-up.

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

B.3.13 Training of Contractor and Supervision during Installation and Testing

The supplier will be responsible for the following:

- To train the staff of the Contractor to handle and install the pipes and fittings according to the Supplier prescriptions and procedures.
- To train the staff of the Contractor to follow the correct testing procedures.
- Provide the necessary supervision to issue certificates of satisfaction of installation according to the supplier's prescriptions.

B.3.14 Requirements to be met by prospective suppliers:

- Suppliers shall provide proof of a fully implemented, internationally recognized, fully traceable quality control system for each stage of the pipe's manufacture, lining, coating and testing process.
- Suppliers are required to provide proof of quality certification including SANS Certificates for all materials.

B.3.15 Supplier's project references

All suppliers who propose to supply pipes for this contract will provide project references of similar projects where pipes of similar specification have been provided and successfully completed. Project references to be provided will include the following information:

- Project Name
- Project location
- Client Name and contact details
- Engineering Consultant name and contact details
- Construction Contractor name and contact details
- Value of the order provided by the supplier
- Specification of the pipe provided
- Completion date of the supply contract
- Origin of the pipes provided
- Shipping format employed for delivery to South Africa (containers / break bulk / etc)
- Road transport contractor employed to ship pipes to the site

Suppliers who do not or cannot provide sufficient reference of successful completion of similar supply contracts in **will not be considered** for the supply of pipes and fittings for this contract.

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

VAAL CENTRAL WATER BOARD

CONTRACT NO.

VCWB316/UPSHRMP/23

SUPPLY AND DELIVERY OF PIPES, VALVES AND FITTINGS FOR THE CONSTRUCTION OF MAIN WATER PIPELINES

PART C: AGREEMENTS AND CONTRACT DATA

C. Agreements and Contract Data

C.1 Form of Offer and Acceptance.....C.1.1

C.2 Contract DataC.2.1

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

VAAL CENTRAL WATER BOARD

CONTRACT NO: VCWB316/UPSHRMP/23

**SUPPLY AND DELIVERY OF PIPES, VALVES AND FITTINGS FOR THE CONSTRUCTION
OF MAIN WATER PIPELINES**

C.1 FORM OF OFFER AND ACCEPTANCE (AGREEMENT)

Offer

The employer, identified in the acceptance signature block, has solicited offers to enter into a contract for the procurement of:

TENDER NO:.....

The tenderer, identified in the offer signature block, has examined the documents listed in the tender data and addenda thereto as listed in the returnable schedules, and by submitting this offer has accepted the conditions of tender.

By the representative of the tenderer, deemed to be duly authorized, signing this part of this form of offer and acceptance, the tenderer offers to perform all of the obligations and liabilities of the contractor under the contract including compliance with all its terms and conditions according to their true intent and meaning for an amount to be determined in accordance with the conditions of contract identified in the contract data.

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

THE OFFERED TOTAL OF THE PRICES INCLUSIVE OF VALUE ADDED TAX IS:

Rand. (in words);
R (in figures)

This offer may be accepted by the employer by signing the acceptance part of this form of offer and acceptance and returning one copy of this document to the tenderer before the end of the period of validity stated in the tender data, whereupon the tenderer becomes the party named as the contractor in the conditions of contract identified in the contract data.

Signature(s)
Name(s)
Capacity

for the tenderer

(Name and
address of
organization/)
tenderer

Name and
signature
of witness Date

Contractor	Witness 1	Witness 2	Employer	Witness 1	Witness 2

Acceptance (TO BE COMPLETED AT ACCEPTANCE STAGE)

By signing this part of this form of offer and acceptance, the employer identified below accepts the tenderer's offer. In consideration thereof, the employer shall pay the supplier the amount due in accordance with the conditions of contract identified in the contract data. Acceptance of the tenderer's offer shall form an agreement between the employer and the tenderer upon the terms and conditions contained in this agreement and in the contract that is the subject of this agreement.

The terms of the contract are contained in:

- Part B: Scope of work
- Part C: Agreements and contract data (which includes this agreement)
- Part D: Pricing data

and drawings and documents or parts thereof, which may be incorporated by reference into the above listed Parts.

Deviations from and amendments to the documents listed in the tender data and any addenda thereto as listed in the returnable schedules as well as any changes to the terms of the offer agreed by the tenderer and the employer during this process of offer and acceptance, are contained in the schedule of deviations attached to and forming part of this form of offer and acceptance. No amendments to or deviations from said documents are valid unless contained in this schedule.

The tenderer shall within two weeks after receiving a completed copy of this agreement, including the schedule of deviations (if any), contact the employer's agent (whose details are given in the contract data) to arrange the delivery of any securities, bonds, guarantees, proof of insurance and any other documentation to be provided in terms of the conditions of contract identified in the contract data. Failure to fulfil any of these obligations in accordance with those terms shall constitute a repudiation of this agreement.

Notwithstanding anything contained herein, this agreement comes into effect on the date when the tenderer receives one fully completed original copy of this document, including the schedule of deviations (if any). Unless the tenderer (now supplier) within five working days of the date of such receipt notifies the employer in writing of any reason why he cannot accept the contents of this agreement, this agreement shall constitute a binding contract between the parties.

Signature(s)

Name(s)

Capacity

**for the
Employer**

VAAL CENTRAL WATER BOARD
 PRIVATE BAG X5
 BOTHAVILLE
 9660

Name and
signature
of witness

Date

.....

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

Schedule of Deviations

Notes:

1. The extent of deviations from the tender documents issued by the employer before the tender closing date is limited to those permitted in terms of the conditions of tender.
2. A tenderer's covering letter shall not be included in the final contract document. Should any matter in such letter, which constitutes a deviation as aforesaid, become the subject of agreements reached during the process of offer and acceptance, the outcome of such agreement shall be recorded here.
3. Any other matter arising from the process of offer and acceptance either as a confirmation, clarification or change to the tender documents and which it is agreed by the Parties becomes an obligation of the contract shall also be recorded here.
4. Any change or addition to the tender documents arising from the above agreements and recorded here, shall also be incorporated into the final draft of the Contract.

1 Subject

Details

.....

.....

.....

2 Subject

Details

.....

.....

.....

3 Subject

Details

.....

.....

.....

4 Subject

Details

.....

.....

.....

By the duly authorised representatives signing this agreement, the employer and the tenderer agree to and accept the foregoing schedule of deviations as the only deviations from and amendments to the documents listed in the tender data and addenda thereto as listed in the returnable schedules, as well as any confirmation, clarification or changes to the terms of the offer agreed by the tenderer and the employer during this process of offer and acceptance.

It is expressly agreed that no other matter whether in writing, oral communication or implied during the period between the issue of the tender documents and the receipt by the tenderer of a completed signed copy of this Agreement shall have any meaning or effect in the contract between the parties arising from this agreement.

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

For the Tenderer:

Signature(s)

Name(s)

Capacity

(Name and
address of
organization/
tenderer)
.....

Name and
signature
of witness Date

For the Employer:

Signature(s)

Name(s)

Capacity

(Name and
Address of
organization) VAAL CENTRAL WATER BOARD
PRIVATE BAG X5
BOTHAVILLE
9660

Name and
signature
of witness Date

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

VAAL CENTRAL WATER BOARD

CONTRACT NO: VCWB316/UPSHRMP/23

SUPPLY AND DELIVERY OF PIPES, VALVES AND FITTINGS FOR THE CONSTRUCTION OF MAIN WATER PIPELINES

C.2 CONTRACT DATA

The following standardized General Conditions of Contract:

General Conditions of Contract for Construction Works (Third Edition) 2015

prepared by the South African Institution of Civil Engineering (SAICE) shall apply to and form the General Conditions of Contract for this contract. Copies of these conditions of contract are obtainable from the South African Institution of Civil Engineering (SAICE), Private Bag X200, Halfway House 1685, Tel: (011) 805 5947, Fax: (011) 805 5971, e-mail: civilinfo@saice.org.za.

Copies of the General Conditions of Contract are available for inspection and scrutiny at the offices of the Employer's Agent.

The Pro-forma's bound with the General Conditions of Contract 2015, on pages 96 to 116 shall not apply to this Contract and shall be replaced with the documentation bound into this Contract Document.

The General Conditions of Contract 2015 make several references to the Contract Data for specific data, which together with these conditions collectively describe the risks, liabilities and obligations of the contracting parties and the procedures for the administration of the Contract. The Contract Data shall have precedence in the interpretation of any ambiguity or inconsistency between it and the general conditions of contract.

The General Conditions of Contract shall be read in conjunction with the variations, amendments and additions set out in the Contract Specific Data below. Each item of data given below is cross-referenced to the clause in the General Conditions of Contract to which it mainly applies.

The Contract Data and General Conditions of Contract shall have precedence over the Drawings, Scope of Work and Standardised Specifications in the interpretation of any ambiguity or inconsistency between these documents.

CONTRACT SPECIFIC DATA (Specific Conditions of Contract)

The following contract specific data, referring to the **General Conditions of Contract for Construction Works, Third Edition, 2015**, are applicable to this Contract and where insertions or deletions were affected will by implication result in the before or subsequent clause numbering to be adjusted by default:

Clause 1.1.1.13:

The Defects Liability Period is **12-months** and will commence upon the issue of a certificate of practical completion.

Clause 1.1.1.15:

"Employer" means refers to **"Vaal Central Water Board"**. The Chairman acting in his capacity as executive officer as well as any officer to whom any powers vested in the Board have been delegated.

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

Clause 1.1.1.16:

The “**Employer’s Agent**”, referred to in the documents, is the firm of **BVi Consulting Engineers Northern Cape (Pty) Ltd** acting through a director, an associate or an official authorized thereto in writing.

The name of the Employer’s Agent is: **BVi Consulting Engineers (Pty) Ltd** or their successors duly appointed by the Employer.

Clause 1.1.1.26:

The Pricing Strategy is a **Re-measurement Contract** as referred to in **Clause 1.1.1.27**

Clause 1.1.1.35:

Add the following clauses after Clause 1.1.1.34:

“**Drawings**” means all drawings, calculations and technical information forming part of the Contract Documents and any modifications thereof or additions thereto from time to time approved in writing by the Employer’s Agent or delivered to the Contractor by the Employer’s Agent.

Clause 1.1.1.36:

Add the following clauses after Clause 1.1.1.35:

“**Letter of Notification**” means the letters of formal notification, signed by the Employer, of the decision of the Supply Chain Management Bid Adjudication Committee sent to all tenderers. The notification of the decision does not form part of the Employer’s Acceptance of the successful tenderer’s Offer and no rights shall accrue.

Clause 1.2.1.2:

The address of the Employer is:

Vaal Central Water Board
2 Mzuzu Street
Pellissier
Bloemfontein
9322
Tel.: 051 403 0800
Fax: 051 422 5333

Email Address: granti@vcwater.co.za

The address of the Employer’s Agent is:

BVi Consulting Engineers Central (Pty) Ltd
17 President Steyn Avenue
Westdene
Bloemfontein
9301
Tel: 027 712 9990
Fax: 027 712 9991

Email Address: admin@bvinam.co.za

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

Clause 1.2.6:

Add the following clauses after Clause 1.2.5:

Failure or omission by the Employer to enforce any provision, term or condition of this agreement shall not constitute a waiver of such provision, term or condition or affect the Employer's rights to require the performance of such provision, term or condition in the future.

Clause 2 : BASIS OF CONTRACT

Add the following clause after Clause 2.4.2:

Clause 2.4.3:

The Supplier and the Employer shall enter into a Contract Agreement within 21 days after the Supplier receives the written notice of Acceptance, unless they agree otherwise. The Contract Agreement shall be based upon the Contract Agreement form included in the tender document (**Part C.1 Form of Offer and Acceptance**). The costs of duties and similar charges (if any) imposed by law in connection with entry into the Contract Agreement shall be borne by the Employer."

Notwithstanding the above, the Supplier will not be permitted in terms of the conditions of contract identified in the Contract Data to enter into a Contract Agreement before:

- (1) Schedule of Deviations has been negotiated, agreed and signed off by the Supplier and the Employer;
- (2) An original valid Tax Clearance Certificate (valid on date of signing the Agreement) has been submitted and approved;

Clause 5.3.2:

The time to submit the documentation required before commencement with Works execution is **14 days**.

Clause 5.3.4:

Add the following clause after Clause 5.3.3:

The Commencement Date will be the day when all of the following takes place:

- The Completion of the Form of Offer and Acceptance

The above will take place within 7 days of the issue of the Letter of Acceptance.

Clause 5.6.1:

The Supplier shall deliver a detailed programme for deliveries to the Employer's Agent within **14 days** from the Commencement Date.

Clause 5.13.1:

The penalty for failing to deliver the materials in time is **R 10 000,00 per calendar day**.

Subclause 6.6.2 : Prime cost sums

In the fourth line of subclause 6.6.2, after the words "price" insert the words " , excluding VAT,".

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

Clause 6.8.2:

Contract Price Adjustment (CPA) is not applicable in this contract. The Supplier shall allow for CPA in the tender rates.

Clause 6.8.3:

Price adjustments for variations in the costs of **special materials** are not allowed.

Clause 6.10.3:

Add the following to Clause 6.10.3:

Notwithstanding the provision of a performance guarantee in terms of Clause 6.2.1, interim payments to the Suppliers shall be subject to retention by the Employer of an amount of **10%** of the said amounts due to the Supplier, with no limit.

The limit of retention money is 10% of the Contract Price, including allowances for contingencies and Contract Price Adjustment.

The limit of retention money for the Defects Liability Period shall be 5% of the Contract Price.

Clause 6.10.10: Tax Invoices

Section 20(1) of the Value Added Tax Act of 1991 (Act 89 of 1991) requires that a supplier (person supplying goods or services) who is registered as a VAT vendor issue to the recipient a tax invoice within 21 days of the date of a supply whether requested or not.

The Supplier shall provide a tax invoice (VAT invoice) which shall be included with each payment certificate delivered to the Employer by the Employer's Agent in terms of Clauses 49.1 and 49.10. Failure by the Supplier to provide a tax invoice (VAT invoice) timeously may delay payment by the Employer and no interest shall accrue.

Clause 10.5:

Dispute resolution shall be by Adjudication, Arbitration and Litigation.

Clause 10.8.1:

Clause deleted in its entirety.

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

VAAL CENTRAL WATER BOARD

CONTRACT NO.

VCWB316/UPSHRMP/23

SUPPLY AND DELIVERY OF PIPES, VALVES AND FITTINGS FOR THE CONSTRUCTION OF MAIN WATER PIPELINES

PART D: PRICING DATA

D. Pricing Data

D.1 Bill of QuantitiesD.1.1

D.2 DeclarationD.2.1

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

VAAL CENTRAL WATER BOARD

CONTRACT NO: VCWB316/UPSHRMP/23

SUPPLY AND DELIVERY OF PIPES, VALVES AND FITTINGS FOR THE CONSTRUCTION OF MAIN WATER PIPELINES

D.1 BILL OF QUANTITIES

SUMMARY		Page No.		Amount	
				R	c
A	PRELIMINARY AND GENERAL	D.1.2			
B	PIPES, VALVES AND ACCESSORIES	D.1.3			
SUB-TOTAL		R			
* CONTINGENCIES					
Allow the sum of 10% (ten percent) of the above Sub-total for Contingencies to be spent as the Engineer may direct and to be deducted in whole or in part if not required.			R		
TOTAL INCLUDING CONTINGENCIES			R		
VALUE ADDED TAX					
ADD: VAT at the rate of 15%			R		
TOTAL Carried to Tender Summary					
			R		
DELIVERY PERIOD :WEEKS					
* Amount allowed for the use of the Engineer only.					

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

CONTRACT NO. VCWB316/UPSHRMP/23

BILL OF QUANTITIES: SUPPLY AND DELIVERY OF PIPES, VALVES AND FITTINGS

ITEM NO	PAYMENT	DESCRIPTION	UNIT	QTY	RATE	AMOUNT	
						R	c
A	SANS 1200 A	<u>SECTION A: PRELIMINARY AND GENERAL</u>					
A1	8.3	<u>Scheduled Fixed-Charge Items and Value-Related Items</u>					
A1.1	8.3.1	Contractual Requirements	Sum	1.00			
A1.2		Insurance on Pipes and Material	Sum	1.00			
A1.3	8.3.3	Other fixed-charge obligations					
a)		Other (specify)	Sum	1.00			
A2	8.4	<u>Scheduled Time-Related Items</u>					
A2.1	8.4.1	Contractual Requirements	Sum	1.00			
A2.2		Insurance: Main Coverage	Sum	1.00			
A2.3		Supervision with off-loading	Sum	1.00			
A2.4	8.4.4	Company and head office overhead costs	Sum	1.00			
A2.6	8.4.5	Other time-related obligations					
a)		Other (specify)	Sum	1.00			
A3		<u>Special Contract Items</u>					
A3.1	B3.3	Training of Contractors Personnel	Sum	1.00			
A3.2	B3.3	Supervision for Testing of Pipelines and Issuing of Certificate for the GRP pipes	No	1.00			
A3.3	B3.3	Issuing of Certificate for Approval of Installation by the Contractor for the GRP pipes	No	1.00			
A3.4		Attend Site Meetings arranged by the Engineer	No	2.00			
A3.5		Site Visits for Inspection and Meetings: Traveling	No	2.00			
A3.6		Accommodation during Site Visits	No	2.00			
A3.7	B3.4	Issue Certificates for Factory Inspections by Third Party Inspectors on all materials	Sum	1.00			
A3.8		Quality control inspections by Third Party Inspector on all steel pipes, fittings and valves as approved by the Engineer	PC Sum	1.00	150,000.00	150,000	00
A3.9		Mark-up on item A3.8	%	150,000.00			
Total Carried Forward To Summary							

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

CONTRACT NO. VCWB316/UPSHRMP/23

BILL OF QUANTITIES: SUPPLY AND DELIVERY OF PIPES, VALVES AND FITTINGS

ITEM NO	PAYMENT	DESCRIPTION	UNIT	QTY	RATE	AMOUNT	
						R	c
B		<u>SECTION B: PIPES, VALVES AND FITTINGS</u>					
		Supply, delivery and off loading of the following pipes, valves and fittings to site					
B1		GRP PIPES AND FITTINGS					
B1.1		GRP SN5000 pipe plain ended 6m/12m					
B1.1.1	31942.01S-141-01&02	600mm ND PN6 GRP SN5000 pipe plain ended 12m	No.	125.00			
B1.1.2	31942.01S-141-01&02	600mm ND PN6 GRP SN5000 pipe plain ended 6m	No.	250.00			
B1.1.3	31942.01S-141-03	800mm ND PN6 GRP SN5000 pipe plain ended 12m	No.	25.00			
B1.1.4	31942.01S-141-03	800mm ND PN6 GRP SN5000 pipe plain ended 6m	No.	50.00			
B1.2		GRP double bell couplings					
B1.2.1		600mm ND PN6 pressure coupling	No.	400.00			
B1.2.2		600mm ND PN6 angled coupling	No.	20.00			
B1.2.3		800mm ND PN6 sewer coupling	No.	65.00			
B1.3		GRP Tees					
B1.3.1		600mm ND PN6 plain ended Tee with 300mm ND flanged branch	No.	10.00			
B1.3.2		600mm ND PN6 plain ended Tee with 150mm ND flanged branch	No.	5.00			
B1.3.3		800mm ND PN6 plain ended Tee with 800mm ND access branch 1000mm high	No.	10.00			
B1.4		GRP Bends					
B1.4.1		600mm ND 11.25° plain ended bend	No.	10.00			
B1.4.2		600mm ND 22.5° plain ended bend	No.	5.00			
B1.4.3	31942.01S-143-03	800mm ND 90° plain ended bend with 800mm ND access branch 1000mm high	No.	5.00			
B1.4.4	31942.01S-143-03	800mm ND 45° plain ended bend with 800mm ND access branch 1000mm high	No.	5.00			
Total Carried Forward							

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

CONTRACT NO. VCWB316/UPSHRMP/23

BILL OF QUANTITIES: SUPPLY AND DELIVERY OF PIPES, VALVES AND FITTINGS

ITEM NO	PAYMENT	DESCRIPTION	UNIT	QTY	RATE	AMOUNT	
						R	c
Brought Forward							
B2		STEEL PIPES, VALVES AND FITTINGS					
B2.1	31942.01S-143-01	Scour Valve Chamber A1 Pipework, 2 pack carboguard epoxy system, minimum DFT of 350 microns according to SANS 1217 on all steel pipework. Flange drilling as per SANS 1123: 2015 Table 3 and Nominal Pressure Rating of 25 Bar.					
B2.1.1		600mm ND pipe section double flanged with puddle flange 600mm from flange, overall length 1200mm (item 1)	No.	3.00			
B2.1.2		600mm ND one end flanged pipe section, overall length 1000mm (item 2)	No.	3.00			
B2.1.3		600mm ND flanged ranger coupler (item 3)	No.	5.00			
B2.1.4		600mm ND flanged gate valve (item 4)	No.	3.00			
B2.1.5		600 - 150mm ND all ends flanged t-piece, overall length 1000mm (item 5)	No.	3.00			
B2.1.6		150mm ND pipe section with t-piece (item 6)	No.	3.00			
B2.1.7		150mm ND all ends flanged pipe section with puddle flange 300mm from flange, overall length 600mm (item 7)	No.	3.00			
B2.1.8		DN150mm, 100mm long pipe section, flanged one end, DN150mm ANSI B16.9 45° bend with bell mouth with diffuser vanes as per detail on drawing (item 8)	No.	3.00			
B2.1.9		150mm ND flanged 90° segmented bend (item 9)	No.	3.00			
B2.1.10		150mm ND flanged gate valve (item 10)	No.	3.00			
B2.1.11		600mm ND pipe section all ends flanged with puddle flange 600mm from flange, other puddle flange 2000mm from flange, overall length 4000mm (item 11)	No.	3.00			
B2.1.12		600mm ND long barrel flanged ranger coupler (item 12)	No.	8.00			
Total Carried Forward							

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

CONTRACT NO. VCWB316/UPSHRMP/23

BILL OF QUANTITIES: SUPPLY AND DELIVERY OF PIPES, VALVES AND FITTINGS

ITEM NO	PAYMENT	DESCRIPTION	UNIT	QTY	RATE	AMOUNT	
						R	c
Brought Forward							
B2.2	31942.01S-143-02	Scour Valve Chamber A2 Pipework, 2 pack carboguard epoxy system, minimum DFT of 350 microns according to SANS 1217 on all steel pipework. Flange drilling as per SANS 1123: 2015 Table 3 and Nominal Pressure Rating of 40 Bar.					
B2.2.1		600mm ND pipe section double flanged with puddle flange 600mm from flange, overall length 1200mm (item 1)	No.	2.00			
B2.2.2		600 -250mm ND one end flanged unequal t-piece, refer to detail on drawing (item 2)	No.	2.00			
B2.2.3		600mm ND flanged ranger coupler (item 3)	No.	5.00			
B2.2.4		600mm ND flanged gate valve (item 4)	No.	2.00			
B2.2.5		600mm ND flanged nozzle check valve (item 5)	No.	2.00			
B2.2.6		600 -250mm ND all ends flanged unequal t-piece, refer to detail on drawing (item 6)	No.	2.00			
B2.2.7		600 - 150mm ND all ends flanged t-piece, overall length 1000mm (item 7)	No.	2.00			
B2.2.8		250mm ND all ends flanged 90° short segmented bend (item 8)	No.	4.00			
B2.2.9		250mm ND flange with orifice, 35mm thick (item 9)	No.	2.00			
B2.2.10		250mm ND all ends flanged pipe section, overall length 435mm (item 10)	No.	2.00			
B2.2.11		250mm flanged gate valve (item 11)	No.	2.00			
B2.2.12		250mm ND all ends flanged pipe section with 90° short segmented bend, refer to detail on drawing (item 12)	No.	2.00			
B2.2.13		150mm ND pipe section with t-piece (item 13)	No.	2.00			
B2.2.14		150mm ND all ends flanged pipe section with puddle flange 300mm from flange, overall length 600mm (item 14)	No.	2.00			
B2.2.15		DN150mm, 100mm long pipe section, flanged one end, DN150mm ANSI B16.9 45° bend with bell mouth with diffuser vanes as per detail on drawing (item 15)	No.	2.00			
B2.2.16		150mm ND flanged 90° segmented bend (item 16)	No.	2.00			
B2.2.17		150mm ND flanged gate valve (item 17)	No.	2.00			
Total Carried Forward							

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

CONTRACT NO. VCWB316/UPSHRMP/23

BILL OF QUANTITIES: SUPPLY AND DELIVERY OF PIPES, VALVES AND FITTINGS

BILL OF QUANTITIES: SUPPLY AND DELIVERY OF PIPES, VALVES AND FITTINGS							
ITEM NO	PAYMENT	DESCRIPTION	UNIT	QTY	RATE	AMOUNT	
						R	c
Brought Forward							
B2.2.18	31942.01S-158-01	600mm ND pipe section, all ends flanged with puddle flange 600mm from flange, other puddle flange 2000mm from flange, overall length 4000mm (item 18)	No.	2.00			
B2.2.19		600mm ND long barrel flanged ranger coupler (item 19)	No.	6.00			
B2.3		3ML Reservoir Pipework, 2 pack carboguard epoxy system, minimum DFT of 350 microns according to SANS 1217 on all steel pipework. Flange drilling as per SANS 1123: 2015 Table 3 and Nominal Pressure Rating of 16 Bar.					
B2.3.1		600mm ND one ended flanged 90° segmented bend, c.t.f 610mm (item A01.2)	No.	1.00			
B2.3.2		600mm ND ranger coupler (item A02)	No.	4.00			
B2.3.3		600mm ND resilient seal gate valve (item A05)	No.	1.00			
B2.3.4		600mm ND pipe with one end flanged, actual length to be determined on site, 1690mm (item A06)	No.	1.00			
B2.3.5		600mm ND one end flanged 22.5° bend with one end pipe section welded onto bend, length to be determined on site (item A07)	No.	1.00			
B2.3.6		600 - 300mm ND all ends flanged unequal t-piece, overall length 1520mm (item A08)	No.	1.00			
B2.3.7		300 - 150mm ND standard flanged concentric reducer, overall length 230mm (item A09)	No.	1.00			
B2.3.8		150mm ND resilient seal gate valve (item A10)	No.	2.00			
B2.3.9		150mm ND flanged double-action air valve (Vent-O-Mat: Type RBX or similar approved) with closing valve (item A11)	No.	2.00			
B2.3.10		600mm ND long barrel ranger coupler (item A12)	No.	2.00			
B2.3.11		600mm ND bellmouth with other end flanged, overall length 5680mm (item B01)	No.	1.00			
B2.3.12		600mm ND ranger coupler (item B03)	No.	3.00			
B2.3.13		200mm ND ranger coupler (item C02)	No.	3.00			
B2.3.14		200mm ND resilient seal gate valve (item C05)	No.	2.00			
B2.3.15	600mm ND pipe section double flanged with puddle flange 600mm from flange, overall length 1200mm (item D01)	No.	2.00				
B2.3.16	600 - 250mm ND one end flanged t-piece, overall length 1000mm (item D02)	No.	1.00				
B2.3.17	600mm ND flanged ranger coupler (item D03)	No.	2.00				
Total Carried Forward							

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

Contract VCWB316/UPSHRMP/23

Part D: Pricing Data

CONTRACT NO. VCWB316/UPSHRMP/23**BILL OF QUANTITIES: SUPPLY AND DELIVERY OF PIPES, VALVES AND FITTINGS**

ITEM NO	PAYMENT	DESCRIPTION	UNIT	QTY	RATE	AMOUNT	
						R	c
Brought Forward							
B2.3.18		600mm ND flanged gate valve (item D04)	No.	2.00			
B2.3.19		600mm ND flanged nozzle check valve (item D05)	No.	1.00			
B2.3.20		600 - 150mm ND all ends flanged t-piece, overall length 1000mm (item D06)	No.	1.00			
B2.3.21		150mm ND all ends flanged pipe section, with P/F 300mm from flange, o.a. 600mm (item D07)	No.	2.00			
B2.3.22		150mm ND all ends flanged pipe section with puddle flange 300mm from flange, overall length 600mm (item D08)	No.	1.00			
B2.3.23		150mm ND resilient seal flanged gate valve (item D09)	No.	1.00			
B2.3.24		250 - 100mm ND standard flanged concentric reducer, overall length 205mm (item D13)	No.	1.00			
B2.3.25		100mm ND flanged double-action air valve (Vent-O-Mat: Type RBX or similar approved) with closing valve (item D14)	No.	1.00			
B2.3.26		100mm ND resilient seal flanged gate valve (item D15)	No	1.00			
B2.3.27		150mm ND flanged all ends 90° segmented bend, centre to face 350mm (item D17)	No.	1.00			
B2.3.28		600mm ND long barrel flanged coupler (item D18)	No.	2.00			
B2.3.29		600mm ND pipe section flanged all ends, puddle flange 500mm from flange, overall length 1110mm (item E01)	No.	2.00			
B2.3.30		600mm ND standard magnetic flow meter, flanged all ends (item E02)	No.	1.00			
B2.4	31942.01S-158-02	Suction Pipework, 2 pack carboguard epoxy system, minimum DFT of 350 microns according to SANS 1217 on all steel pipework. Flange drilling as per SANS 1123: 2015 Table 3 and Nominal Pressure Rating of 16 Bar.					
B2.4.1		600mm ND one end flanged unequal t-piece, overall length 2020mm (item F01)	No.	2.00			
B2.4.2		600mm ND flanged all ends pipe section, overall length 6000mm (item F02)	No.	5.00			
B2.4.3		600mm ND flanged all ends pipe section, overall length 1280mm (item F03)	No.	2.00			
B2.4.4		600mm ND flanged all ends 45° segmented bend, centre to face 305mm (item F04)	No.	2.00			
B2.4.5		600mm ND flanged all ends pipe section, overall length 1580mm (item F05)	No.	2.00			
B2.4.6		600mm ND Standard Ranger coupler PN25 (Item F06)	No.	2.00			
Total Carried Forward							

 Contractor

 Witness 1

 Witness 2

 Employer

 Witness 1

 Witness 2

CONTRACT NO. VCWB316/UPSHRMP/23

BILL OF QUANTITIES: SUPPLY AND DELIVERY OF PIPES, VALVES AND FITTINGS

ITEM NO	PAYMENT	DESCRIPTION	UNIT	QTY	RATE	AMOUNT	
						R	c
Brought Forward							
B2.5	31942.01S-143-04	Henkriesmond - Sump & Butterfly Valve Chamber Pipework, 2 pack carboguard epoxy system, minimum DFT of 350 microns according to SANS 1217 on all steel pipework. Flange drilling as per SANS 1123: 2015 Table 3 and Nominal Pressure Rating of 16 Bar.					
B2.5.1		600mm ND bellmouth with other end flanged, overall length 1150mm (item A01)	No.	1.00			
B2.5.2		600mm ND flanged butterfly valve (item A02)	No.	1.00			
B2.5.3		600mm ND Vicking Johnson dismantling valve (item A03)	No.	3.00			
B2.5.4		600mm ND pipe section one end flanged, actual size to be determined on site, 1200mm (item A04)	No.	1.00			
B2.5.5		600mm ND pipe section all ends flanged, puddle flange 600mm from flange, overall length 1200mm (item A05)	No.	1.00			
B2.6		Gate Valves					
B2.6.1		150mm ND medium pressure PN40 flanged gate valve	No.	20.00			
B2.6.2		250mm Butterfly valves at Sand filters PN10	No.	24.00			
B2.7		Air Valves					
B2.7.1		50mm ND Vent-O-Mat (or similar approved), PN40	No.	10.00			
B2.7.2		100mm ND Vent-O-Mat (or similar approved), PN40	No.	25.00			
B2.7.3		150mm ND Vent-O-Mat (or similar approved), PN40	No.	10.00			
Total Carried Forward							

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

CONTRACT NO. VCWB316/UPSHRMP/23

BILL OF QUANTITIES: SUPPLY AND DELIVERY OF PIPES, VALVES AND FITTINGS

ITEM NO	PAYMENT	DESCRIPTION	UNIT	QTY	RATE	AMOUNT	
						R	c
Brought Forward							
B3		uPVC PIPES AND FITTINGS					
B3.1		Perforated uPVC Drainage Pipe					
B3.1.1		160mm ND uPVC pipe	m	3000.00			
B4		VALVES FOR 600mm ND PN6 GRP SN5000 PIPELINE					
B4.1		Air Valves					
B4.1.1	31942.01S-143-04	Air valve on 600mm ND PN6 GRP SN5000 pipeline complete with gate valve, standpipe, gaskets, bolts and nuts as per drawing	No.	10.00			
B4.2		Scour Valves					
B4.2.1	31942.01S-143-05	Scour valve on 600mm ND PN6 GRP SN5000 pipeline complete with pipes, gate valves, gaskets, bolts and nuts as per drawing	No.	5.00			
B5		660mm STEEL RISING MAIN PIPELINE, 8mm WALL THICKNESS					
B5.1		650mm ND PN40 plain ended equal tee with 500mm flanged branch	No.	10.00			
B5.2		12m x 650mm ND mild steel, 8mm wall thickness, cement mortar on inside, "sintakote", PN40 pipe	No.	85.00			
Total Carried Forward To Summary							

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

VAAL CENTRAL WATER BOARD

CONTRACT NO: VCWB316/UPSHRMP/23

**SUPPLY AND DELIVERY OF PIPES, VALVES AND FITTINGS FOR THE CONSTRUCTION
OF MAIN WATER PIPELINES**

D.2 DECLARATION

Declaration in respect of completeness of Tender

Vaal Central Water Board
Private Bag x5
BOTHAVILLE
9660

I/we, the undersigned, do hereby declare that these are the properly priced Bills of Quantities of this Tender Document containing 59 pages excluding drawings in consecutive order upon which my/our Tender for **TENDER NO. VCWB316/UPSHRMP/23: SUPPLY AND DELIVERY OF PIPES, VALVES AND FITTINGS FOR THE CONSTRUCTION OF MAIN WATER PIPELINES** has been based.

SIGNATURE OF TENDERER/S

DATE

VAAL CENTRAL WATER BOARD

DATE

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

VAAL CENTRAL WATER BOARD

CONTRACT NO: VCWB316/UPSHRMP/23

**SUPPLY AND DELIVERY OF PIPES, VALVES AND FITTINGS FOR THE CONSTRUCTION
OF MAIN WATER PIPELINES**

ANNEXURE A: TENDER DRAWINGS

DRAWINGS ISSUED WITH THIS DOCUMENT

The following drawings are applicable to the contract and will form part of the Contract Documents. The drawings are attached at the end of this document

DRAWING NO.	SIZE	SHORT DESCRIPTION
31942.00S-141-03	A1	HENKRIESMOND SLUDGE PIPELINES
31942.00S-143-01	A1	TYPICAL WATER DETAILS
31942.00S-143-03	A1	PIPE MANHOLE DETAILS
31942.00S-143-04	A3	SUMP & BUTTERFLY VALVE CHAMBER
31942.00S-158-02	A1	SUCTION PIPEWORK DETAIL-LAYOUT1
31942.01-141-01-02	A1	HENKRIES LONG SECTION-0.00-1500.00
31942.01-141-01-02	A1	HENKRIES LONG SECTION-1500.00-2900
31942.02S-158-01	A1	3ML RESERVOIR PIPEWORK
31942.07S-143-02	A3	DRAINAGE PIPE TRENCH DETAIL

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2