

O. R. TAMBO DISTRICT MUNICIPALITY



O.R. TAMBO DISTRICT MUNICIPALITY

TENDER NO.:	ORTDM SCMU 10-24/25
DESCRIPTION:	APPOINTMENT OF A PANEL OF SUPPLIERS TO SUPPLY AND DELIVERY OF PLUMBING MATERIALS AND EQUIPMENTS FOR 36 MONTHS (3 YEARS)

JULY 2024

Issued by:

The Municipal Manager
O. R. Tambo District Municipality
Private Bag x 6043
MTHATHA
5100
Tel. No.: (047) 501 6400

Prepared by:

Infrastructure & Water Services
O. R. Tambo District Municipality
Private Bag x 6043
MTHATHA
5100
Tel. No.: (047) 501 6400

NAME OF BIDDER: _____

CSD SUPPLIER NUMBER: _____

SARS TAX COMPLIANCE STATUS PIN: _____

EMAIL ADDRESS: _____

TENDER AMOUNT: _____

O.R. TAMBO DISTRICT MUNICIPALITY

TENDER NO. ORTDM SCMU 10-24/25

APPOINTMENT OF A PANEL OF SUPPLIERS TO SUPPLY AND DELIVERY OF PLUMBING MATERIALS AND EQUIPMENTS FOR 36 MONTHS (3 YEARS)

PLEASE CHECK

x / √

1. That you have read all the pages of the tender document.
2. That you have completed ALL the forms required to be completed in **NON-ERASEABLE INK**.
3. That your arithmetic calculation in the pricing schedule is correct.
4. That you have attached ALL necessary documentation relating to the composition of the tendering entity, i.e.
 - (a) Company registration documents naming the shareholders and directors / members of the company, close corporation etc
 - (b) Joint venture agreement, if tendering entity is a joint venture.
5. That the **COMPLETE** tender document is submitted.
6. That the **FORM OF OFFER** is completed in full and signed.
7. That ALL returnable documents are submitted.
8. That ALL returnable schedules are completed and signed.
9. Ensure that your tender is submitted by **12H00PM** on the closing date of the tender.

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THE TENDER	
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THE CONTRACT	
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THE TENDER

SECTION 1: TENDER NOTICE AND INVITATION TO TENDER

O.R. Tambo District Municipality hereby invites bids for the project listed below:

Tender Number	Name and Description	Briefing session
ORTDM SCMU 10-24/25	APPOINTMENT OF A PANEL OF SUPPLIERS TO SUPPLY AND DELIVERY OF PLUMBING MATERIALS AND EQUIPMENTS FOR 36 MONTHS (3 YEARS)	Date: 13 August 2024 Time: 12:h00 Venue: Ground Floor open foyer, O.R Tambo Offices, Myezo Park, Mthatha

A compulsory briefing/clarification meeting with representatives of the Municipality will take place on the aforementioned date(s), time(s) and venue(s).

THE MUNICIPALITY WILL NOT REPEAT ANY MATTERS ALREADY COVERED IN THE COMPULSORY BRIEFING MEETING TO BIDDERS WHO ARRIVE MORE THAN 10 MINUTES LATE TO THE MEETING, NOR WILL IT ALLOW SUCH BIDDERS TO COMPLETE THE ATTENDANCE REGISTER.

Bid documents should be downloaded on the e-Tender website (www.etenders.gov.za) alternatively on the OR Tambo website (www.ortambodm.gov.za).

Bids must be completed in black ink, enclosed in a sealed envelope clearly marked with the “**Tender number, tender name and description**”, and deposited in the Tender Box, Ground Floor, O. R. Tambo District Municipality Building, Nelson Mandela Drive, Myezo Park, Mthatha, Eastern Cape, not later than **12H00pm on Tuesday 10 September 2024**.

It must be expressly understood that the Municipality accepts no responsibility for ensuring that bid submissions sent by courier or post, or delivered in any other way, are deposited in the Tender Box. It is therefore preferable for the bidder to ensure that its bid submission is placed in the Tender Box by its own staff or representative(s).

The Municipality reserves the right not to accept the only or lowest priced tender or any tender at all, or to accept the whole or part of any tender.

RETURNABLE DOCUMENTS TO BE SUBMITTED WITH THE BID:

- Copy of business registration documents, as issued by CIPC.
- Certified copy of identity documents of directors/ shareholders/ partners / members, as the case may be.
- Original Valid Tax Clearance Certificate or a Confirmation of Tax Validity with the pin issued by SARS

NB: CERTIFICATION OF DOCUMENTS MUST NOT BE MORE THAN SIX (6) MONTHS FROM DATE CERTIFIED BY COMMISSIONER OF OATHS.

THE BID WILL BE REJECTED IF THE BIDDER FAILS TO:

- Complete fully the bid document or to provide the information requested, or to sign the bid at the appropriate spaces provided or next to errors.
- Fill and properly sign the form of offer.
- Attach proof of registration with CSD.
- Attach audited annual financial statements of the bidding entity (for projects in excess of R10 million);
- Attach unaudited annual financial statements for close corporations and companies if the public interest score is below 350 in line with the companies act of 2008;
- Proof of latest municipal rates and taxes statement of the bidder indicating that rates and taxes are not in arrears for more than 3 months.
- Proof of latest municipal rates and taxes statement of each company director indicating that rates and taxes are not in arrears for more than 3 months.
- Proof of latest municipal water and sanitation charges statement of the bidder indicating that rates and taxes are not in arrears for more than 3 months for bidders who reside in the O. R. Tambo District Municipality area.
- Proof of latest municipal water and sanitation charges statement of each company director indicating that rates and taxes are not in arrears for more than 3 months for bidders who reside in the O. R. Tambo District Municipality area.
- Confirmation of address from a ward councillor where the bidder and company directors operate and reside in a peri-urban area where no rates and taxes and service charges are not billed.
- A copy of a valid lease agreement where the bidder does not own the property they are operating from.
- Attach joint Venture Agreement or Consortium Agreement signed and initialled on each page (if applicable).

NOTE: Joint Ventures and Consortiums will only be considered provided they submit consolidated company registration documents and on award will be required to submit a joint venture or consortium bank account and a joint venture or consortium SARS Tax PIN.

EVALUATION OF BIDS IN TERMS OF THE PREFERENTIAL PROCUREMENT POLICY FRAMEWORK REGULATIONS, 2022:

Bids will be evaluated in three stages, namely:

- Stage 1- Mandatory Requirements
- Stage 2- Minimum conditions of tender
- Stage 3 - Price and specific goals

Bidders who fail to comply with the requirements in Stage 1 will not be evaluated further in Stages 2. Only Bidders who score a minimum of 70 points in Stage 2 will not proceed to be evaluated further in Stage 3.

MINIMUM CONDITIONS OF TENDER	
Stage 2	Weight
• Company Experience	50
• Experience of Project Team	30
• Plant and Equipment	20
Stage 3	

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• Price	80
• Specific goals	20
TOTAL	100

Tenders may only be submitted on tender documentation issued. No alterations may be made to the tender documentation. No late, faxed, e-mailed, telephonic or other electronically transmitted submissions will be

accepted. Should a bidder commit any corrupt or fraudulent act during the bidding process, its tender shall be disqualified.

The Municipality reserves the right to extend the tender advert period at its own discretion, by notice published in the Daily Dispatch Newspaper; the e-Tender Publication Portal, and by notice sent to all parties who attend the non-compulsory briefing session, if any.

ENQUIRIES:

TECHNICAL : Mr. L. Mashiya Email: mashiyal@ortambodm.gov.za : Tel : 047 501 6492
SUPPLY CHAIN MANAGEMENT : Mr. S. Hopa Email: sakhiwoh@ortambodm.org.za, Tel: 047 501 6449

Enquiries can be made from Monday to Friday between 08H00-13H00 and 13H30-16H30 and such enquiries will not be entertained five days before the tender closes.

Tenders will be evaluated in terms of the Supply Chain Management policy of the O. R. Tambo District Municipality. The Municipality reserves the right to accept the whole or part of any tender or not to consider any tender not suitably endorsed. Joint Ventures and Consortium will only be considered provided they submit consolidated company registration documents, bank account, SARS Tax pin, CSD is prepared for every separate tender. An 80/20-point system shall apply where 80 points is allocated for price and 20 points allocated for specific goals as follows:

The specific goals allocated points in terms of this tender	Number of points Allocated on 80/20 system
The promotion of enterprises located in a specific region (O.R Tambo District): The Tenderer and Directors are based in the ORTDM region and pay their municipal rates and taxes	05
Promotion of 51% Black-owned enterprises	05
Promotion of 100% Women-owned enterprises	05
Promotion of 100% Youth-owned enterprises	05

Tenderers must submit copies of all supporting documents necessary to prove conformance with Specific Goal criteria listed above in order to be eligible for Specific Goal points.

B. Mase
Municipal Manager

SECTION 2: STANDARD CONDITIONS OF TENDER

BIDDERS ARE REQUIRED TO FAMILIARIZE THEMSELVES WITH THE TENDERING CONDITIONS AND PROCEDURES DETAILED IN THIS SECTION.

1. No tender will be considered unless it is submitted on this O.R. Tambo bid document. Under no circumstances whatsoever may this bid document be retyped or redrafted.
2. The whole, original bid document as issued by O.R. Tambo District Municipality must be completed. A tender will be considered invalid and will not be accepted, if any part of this bid document is not submitted.
3. The bidder is advised to check the number of pages and to satisfy him/herself that none are missing or duplicated.
4. Bids submitted must be complete in all respects.
5. Telephonic, telegraphic, telex, facsimile or emailed tender offers will not be accepted, unless stated otherwise in these tender conditions.
6. Bid submissions must be properly deposited, on or before the closing date and time of the tender, in the Tender **Box** located at the Ground Floor, O.R.Tambo House, Myezo, Mthatha.
7. **Each bid shall be lodged in a separate sealed envelope, with the name and address of the bidder, the bid number and closing date indicated on the envelope. The envelope shall not contain documents relating to any bid other than that shown on the envelope. If this provision is not complied with, such bids may be rejected as being invalid.**
8. O.R. Tambo Municipality accepts no responsibility for ensuring that tenders are placed in the correct tender box, and should a tender be placed in the incorrect tender box, it will be not be accepted.
9. No bid sent through the post will be considered if it is received after the closing date and time stipulated in the bid documentation, and proof of posting will not be accepted as proof of delivery.
10. Bids received after the closing time and/or date shall not be considered.
11. Bidders will be responsible for all costs associated with the preparation and submissions of their bids.
12. The bid must be signed by a person duly authorized to do so.
13. Any alterations made to the bid document must be initialed by the person or persons authorized to sign the bid document. The use of correcting fluid is prohibited.

14. Bids will be opened in public, as soon as possible after the closing time of the bid. Where practical, bid prices will be read out at the time of opening bids.

15. National Treasury Central Supplier Database

- 15.1 Bidders must be registered on the National Treasury Central Supplier Database ('CSD'), and must provide their CSD supplier number in their bid submission.

- 15.2 The municipality will verify on the CSD, the following information relating to bidders –

- 15.2.1 business registration, including details of directorship and membership;

- 15.2.2 bank account information;

- 15.2.3 tax compliance status;

- 15.2.4 identity documents of directors, members or trustees, as the case may be;

- 15.2.5 tender defaulters and restrictions status;

- 15.2.6 whether the bidder has any directors, managers, principal shareholders or stakeholders in the service of the state.

- 15.3 Bidders must ensure that their information on the CSD is up to date and correct.

16. Tax compliance status

- 16.1 Bidders must ensure that their tax matters are in order. No award will be made to any bidder whose tax matters have been declared to be in order by the South African Revenue Services (SARS).

- 16.2 Each party to a joint venture, consortium or partnership must comply with the above requirement.

17. Bid validity period

- 17.1 The validity period for the bid is ninety (90) days from the close of the bid.

- 17.2 All bids submitted shall remain valid, irrevocable and open for acceptance by the Municipality within the validity period, or such extended period as may be applicable.

- 17.3 If the bid validity period expires on a Saturday, Sunday or public holiday, the bid offer shall remain valid and open for acceptance until the closure of business on the following working day.

- 17.4 The bid offer may not be amended during the aforesaid bid validity period.

- 17.5 Where required, the Municipality may request all bidders to agree to the extension of the validity period on the same terms and conditions as the original bid, or such amended terms and conditions as may be allowed by the Municipality.

17.6 A request for a bid validity extension request will be done in writing, before the expiry of the original validity period.

18. Withdrawal or modification of a tender prior to closing time

18.1 Tenderers may withdraw their tender before the tender closes.

18.2 Insofar as a modification will affect the information that will be made available at the public opening, the Municipality shall have the authority to make such information from the submissions available to the other tenderers.

19. Withdrawal of a tender after the closing time

Tenderers may withdraw their tender submission before the tender is awarded provided that they do so in writing, and ensure that such withdrawal reaches the Municipality and the Municipality confirms receipt in writing before the tender is awarded. The tender as modified will be considered as the tenderer's offer.

20. Prequalification criteria

20.1 Prequalification criteria may be applied to the tender to advance designated groups.

20.2 Should prequalification criteria be applicable to this tender, the basis of such criteria will be detailed in Section 4 of this document.

21. Tender evaluation

21.1 Tenders will be evaluated in accordance with the tender evaluation criteria stipulated in this document.

21.2 Tenders will be evaluated for price and preference using the 80/20 preference points system.

21.3 Unless otherwise stated in this document, a contract will be concluded with the bidder who complies with the tender evaluation criteria, and scores the highest total price and preferences.

22. Test for tender responsiveness

22.1 Invalid tenders

Tenders shall be invalid if –

- (a) The tender document is completed in non-erasable ink;
- (b) The form of offer is not completed and signed by the bidder;
- (c) In a two-envelope system, a bidder fails to submit both a technical proposal and a separate, sealed financial offer;
- (d) The bidder has been listed on the National Treasury's Register for Tender Defaulters in terms of the Prevention and Combating of Corrupt Activities Act, No. 12 of 2004, or has been listed on the National Treasury's List of Restricted Suppliers and who is therefore prohibited from doing business with the public sector;
- (e) The bidder is /has been restricted from doing business with the Municipality Clause 38A of the O.R. Tambo Municipality Supply Chain Management Policy.

22.2 Non-responsive tenders

Tenders will be held to be non-responsive and eliminated from further consideration in the following circumstances –

- (a) The tender does not comply with the tendering procedures, where such procedures have been indicated as mandatory.
- (b) The tender does not comply with the prequalification criteria for the tender, if any, or the tender evaluation criteria, including any minimum conditions of tender criteria.
- (c) Where there are material deviations from, or qualifications to the tender, which in the Municipality's opinion would –
 - (i) detrimentally affect the scope, quality or performance of the services or supply identified in the scope of services;
 - (ii) significantly change the Municipality's or the bidder's risks and responsibilities under the contract, or
 - (iii) affect the competitive position of the bidder, or other bidders presenting responsive tenders, if it were to be rectified.
- (d) The bid will be declared non-responsive in the event that the bidder's tax matters, as verified on the government Central Supplier Database, are shown not to be in order, and the bidder fails to ensure that its tax matters are in order within such timeframe as maybe required by O.R Tambo District Municipality in writing.

23. Clarification of the tender offer after submission

The bidder must provide clarification of its tender offer in response to a request to do so from the Municipality during the bid evaluation or adjudication stages. This may include providing a breakdown of rates or prices and correction of arithmetical errors by the adjustment of certain rates or item prices (or both). No change in the competitive position of bidders or substance of the tender offer may be sought, offered, or permitted.

24. Inspections, tests and analyses

The bidder shall, at the request of the Municipality, provide access during working hours to its business premises, or any other specified premises, for any inspections, tests and analyses as required in this document.

25. Samples

Where applicable, samples shall be provided strictly in accordance with the instructions stipulated in this bid document.

26. Pricing the tender offer

Bidders must –

- 26.1 Include in the rates, prices, and the tendered total of the prices (if any) all duties, taxes (including Value Added Tax (VAT), and other levies applicable.

26.2 Provide rates and prices that are fixed for the duration of the contract and not subject to adjustment except as specified in this tender document.

26.3 State the rates and prices in Rand unless instructed otherwise.

27. Imbalance in tendered rates or prices

If the Municipality declares any rate or price to be unacceptably high or low, the tenderer shall be requested to provide evidence to support the tendered rate or price. If the Municipality remains unsatisfied with the rate or price, it may propose to the tenderer an amended rate or price together with counterbalancing change(s) elsewhere in the Pricing Schedule such that the tender sum remains unchanged. Should the tenderer refuse to amend his / her tender as proposed by the Municipality, his / her tender may be regarded as non-responsive.

28. Inducements, gifts, rewards and other abuses of the supply chain management system

28.1 No bidder may directly or indirectly commit any fraudulent act during the tender process or abuse the supply chain management system of the Municipality.

28.2 Should a bidder be found to have committed fraud or abused the supply chain management system, its bid will be rejected, any existing contract between it and the Municipality will be cancelled, and any other remedies available to the Municipality as provided for in the Supply Chain Management Regulations or other relevant legislation shall be imposed, including blacklisting.

29. Alternative offers

Alternative offers may be considered, provided that a bid free of qualifications and strictly in accordance with the tender document is also submitted. The Municipality shall not be bound to consider alternative bid offers.

30. Objections, complaints, queries and disputes / Appeals in terms of Section 62 of the Municipal Systems Act

30.1 Objections, complaints, queries and disputes

Persons aggrieved by decisions or actions taken by the Municipality in the implementation of the supply chain management system, or any matter arising from a contract awarded in terms of the supply chain management system may, within 14 days of the decision or action, lodge a written objection or complaint or query or dispute against the decision or action.

30.2 Section 62 appeals

(a) In terms of section 62 of the Systems Act, a person whose rights are affected by a decision taken by a political structure, political office bearer, councilor or staff member of a municipality in terms of a power or duty delegated or sub-delegated by a delegating authority, may appeal against that decision by giving written notice of the appeal and reasons to the Accounting Officer within 21 days of the date of notification of the decision.

(b) An appeal shall contain the following:

(i) The reasons and/or grounds for the appeal;

- (ii) The manner in which the appellant's rights have been affected;
- (iii) The remedy sought by the appellant.

30.3 Lodging of appeals, objections, complaints, queries and disputes relating to this tender

Appeals, objections, complaints, requests for information, queries and disputes must be submitted in writing to the Office of the Municipal Manager, O.R. Tambo House, Myezo, Mthatha.

SECTION 3: REGISTRATION ON THE NATIONAL TREASURY CENTRAL SUPPLIER DATABASE (CSD)

1. In terms of National Treasury MFMA Circular No. 81, Accounting Officers of Municipalities are required to encourage their prospective suppliers to register on the Central Supplier Database ('CSD').
2. Bidders may apply for online registration, using the following website link: www.csd.gov.za.
3. Bidders must register on CSD. **FAILURE TO REGISTER BEFORE THE CLOSE OF THIS TENDER WILL RESULT IN THE DISQUALIFICATION OF THE BIDDER'S TENDER.**

SECTION 4: PREQUALIFICATION CRITERIA

Only bidders that meet the requirements indicated as applicable below, may respond to this tender -

No.	Criteria	Applicable / Not applicable	Indicate compliance (Yes / No)
		TO BE SPECIFIED BY THE MUNICIPALITY	TO BE COMPLETED BY THE BIDDER
1.	Bidders must have a stipulated minimum BBBEE status level to prequalify for this bid	Not applicable	
1.1	The stipulated BBBEE level required to prequalify for this bid is	Not applicable	
2.	Bidders must be an Exempted Micro Enterprise (EME) or a Qualified Small Enterprise (QSE)	Not applicable	
3.	Bidders must subcontract a minimum of 30 percent of the value of the contract to:		
3.1	an EME or QSE	Not applicable	
3.2	an EME or QSE which is at least 51% owned by black people	Not applicable	
3.3	an EME or QSE which is at least 51% owned by black people who are youth	Not applicable	
3.4	an EME or QSE which is at least 51% owned by black people who are women	Not applicable	
3.5	an EME or QSE which is at least 51% owned by black people with disabilities	Not applicable	
3.6	an EME or QSE which is at least 51% owned by black people living in rural or underdeveloped areas or townships	Not applicable	
3.7	A cooperative which is at least 51% owned by black people	Not applicable	
3.8	an EME or QSE which is at least 51% owned by black people who are military veterans	Not applicable	

A TENDER THAT FAILS TO MEET THE APPLICABLE PREQUALIFICATION CRITERIA INDICATED ABOVE WILL BE HELD TO BE NON-RESPONSIVE.

SECTION 5: SUBCONTRACTING AS COMPULSORY BIDDING CRITERIA

This section applies only to tenders which exceed the value of R30 million.

No.	Criteria	Yes / No / Not applicable (Indicate)	Agree / Do Not Agree
		<u>TO BE SPECIFIED BY THE MUNICIPALITY</u>	<u>TO BE COMPLETED BY BIDDER</u>
1.	The estimated value of this contract exceeds R30 million	NO	
2.	If the estimated value of the contract exceeds R30 million, is it feasible for this contract to be sub-contracted?	Not applicable	
3.	If sub-contracting is feasible, bidders MUST agree to subcontract the contract to one, or more of the following designated groups -	Not applicable	
3.1	an EME or QSE	Not applicable	
3.2	an EME or QSE which is at least 51 percent owned by black people	Not applicable	
3.3	an EME or QSE which is at least 51 percent owned by black people who are youth	Not applicable	
3.4	an EME or QSE which is at least 51 percent owned by black people who are women	Not applicable	
3.5	an EME or QSE which is at least 51 percent owned by black people with disabilities	Not applicable	
3.6	an EME or QSE which is at least 51 percent owned by black people living in rural or underdeveloped areas or townships	Not applicable	
3.7	a cooperative which is at least 51 percent owned by black people	Not applicable	
3.8	an EME or QSE which is at least 51 percent owned by black people who are military veterans	Not applicable	

FAILURE OF A BIDDER TO AGREE TO SUBCONTRACT AS SPECIFIED ABOVE WILL RESULT IN ITS BID BEING HELD TO BE NON-RESPONSIVE.

SECTION 6: TENDER EVALUATION CRITERIA

Bids will be evaluated in three stages, namely:

- Stage 1- Mandatory requirements.
- Stage 2 – Minimum Conditions of Tender
- Stage 3 - Price and Specific Goals

STAGE 1- MANDATORY REQUIREMENTS

- Complete fully the bid document or to provide the information requested, or to sign the bid at the appropriate spaces provided or next to errors.
- Fill and properly sign the form of offer.
- Attach proof of registration with CSD.
- Attach audited annual financial statements of the bidding entity (for projects in excess of R10 million);
- Attach unaudited annual financial statements for close corporations and companies if the public interest score is below 350 in line with the companies act of 2008;
- Proof of latest municipal rates and taxes statement of the bidder indicating that rates and taxes are not in arrears for more than 3 months.
- Proof of latest municipal rates and taxes statement of each company director indicating that rates and taxes are not in arrears for more than 3 months.
- Proof of latest municipal water and sanitation charges statement of the bidder indicating that rates and taxes are not in arrears for more than 3 months for bidders who reside in the O. R. Tambo District Municipality area.
- Proof of latest municipal water and sanitation charges statement of each company director indicating that rates and taxes are not in arrears for more than 3 months for bidders who reside in the O. R. Tambo District Municipality area.
- Confirmation of address from a ward councillor where the bidder and company directors operate and reside in a peri-urban area where no rates and taxes and service charges are not billed.
- A copy of a valid lease agreement where the bidder does not own the property they are operating from.
- Attach joint Venture Agreement or Consortium Agreement signed and initialled on each page (if applicable).
- NOTE: Joint Ventures and Consortiums will only be considered provided they submit consolidated company registration documents and on award will be required to submit a joint venture or consortium bank account and a joint venture or consortium SARS Tax PIN.

Only bidders who meet all the requirements of stage 1 will proceed to be evaluated further in stage 2

STAGE 2 – MINIMUM CONDITIONS OF TENDER

Only bidders who score a minimum of 70 points on minimum conditions of tender will be evaluated further on Price and Specific Goals. The maximum score for minimum conditions of tender shall be 100, distributed as follows:

	Minimum conditions of tender	Max points provided
B1.1	Company Experience: Submit valid stamped completion letter signed by authorized person clearly showing the total cost of work done, contactable references NB: Purchase order will not be considered.	50

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	A company must have a proven track record in supplying and delivering of plumbing materials and equipment of a total of R2,500 000.00	50
	A company must have a proven track record in supplying and delivering of materials and equipment of a total of R2 000 000.00	40

	A company must have a proven track record in supplying and delivering of plumbing materials and equipment of a total of R1,500 000.00	30
	A company must have a proven track record in supplying and delivering of plumbing materials and equipment of a total of R1 000 000.00	20
	A company must have a proven track record in supplying and delivering of plumbing materials and equipment of a total of R500 000.00	10
	A company that has submitted a track record in supplying and delivering of plumbing materials and equipment of a total of less than R500 000.00 or no submission	0
B1.2	Experience of Project Team	30
	Qualified Project Manager with NQF7 Project Management (Attach CV with a certificate) (In case of foreign qualifications, please attach SAQA equivalent or certified proof thereof)	
	3 years of experience in managing projects of supplying and delivering mechanical and electrical materials and equipment.	30
	2 years of experience in managing projects of supplying and delivering mechanical and electrical materials and equipment.	20
	1 year of experience in managing projects of supplying and delivering mechanical and electrical materials and equipment.	10
	If less than 1 year of experience in managing projects of supplying and delivering mechanical and electrical materials and equipment	0
B1.3	Plant and Equipment (12 Ton Crane Truck, 4x4 LDV, 10 Ton Truck) Attach Registration and Ownership documents. If hired please attach a lease Agreement	20
	All 03 of the above	20
	Any 02 of the above	10
	Any 01 of the above	5
	TOTAL	100

STAGE 3– PRICE AND SPECIFIC GOALS

The procedure for Stage 3 of evaluation will be as follows:

a) PRICE..... 80

b) SPECIFIC GOALS 20

Points Awarded for Price (Ps)

A total of 80 points will be awarded to the Tenderer on the following basis:

$$Ps = 80 \left(1 + \frac{Pt - Pmin}{Pmin} \right)$$

Where

Ps = Points scored for price of tender under consideration

Pt = Price of tender under consideration

Pmin = Price of lowest acceptable tender

Points awarded for specific goals

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 the table below as may be supported by proof/

documentation stated in the conditions of this tender. Specific goals for the tender and points claimed are indicated per the table below:

The specific goals allocated points in terms of this tender	Number of points Allocated on 80/20 system
The promotion of enterprises located in a specific region (O.R Tambo District): The Tenderer and Directors are based in the ORTDM region and pay their municipal rates and taxes	05
Promotion of 51% Black-owned enterprises	05
Promotion of 100% Women-owned enterprises	05
Promotion of 100% Youth-owned enterprises	05

Tenderers must submit copies of all supporting documents necessary to prove conformance with Specific Goal criteria listed above in order to be eligible for Specific Goal points.

SECTION 7: RETURNABLE DOCUMENTS AND SCHEDULES

RETURNABLE DOCUMENTS

Bidders must submit the following documentation with their tenders:

No.	Returnable document	Compulsory (Yes / No)	Non-submission will render Tender non-responsive (Yes / No)
1.	Business registration documents	YES	YES (if proof of its business status and registration cannot be verified on CSD), non-submission will forfeit specific goals points
2.	Municipal account statement not older than 90 days OR proof that bidder leases its business premises (Both business premises and individual directors)	YES	YES
3.	Certified copy of identity documents of directors / shareholders / partners / members, as the case may be	YES	YES (if cannot be verified on CSD),
4.	Signed joint venture or consortium agreement	YES (if applicable)	YES (if applicable)
5.	Proof of registration with National Automobile Dealers' Association	YES	YES
6.	Proof of registration with Retail Motor Industry	YES	YES
7.	Company Profile	Yes	NO (However non-submission will affect minimum conditions of tender)

RETURNABLE SCHEDULES

All returnable schedules below must be completed by the bidding entity, save for those schedules which are not applicable to it in which case the bidding entity must indicate which schedules are not applicable.

Bidders must complete the following returnable schedules:

No.	Returnable schedule	Compulsory (Yes / No)	Non-submission will render Tender non-responsive (Yes / No)
1.	Confirmation of registration on the National Treasury Central Supplier Database (Schedule A)	YES	YES
2.	Authority of bid signatory (Schedule B)	YES	YES
3.	Briefing session / site inspection certificate (Schedule C)	YES (if applicable)	YES (if applicable)
4.	Municipal Bidding Documents (Schedule D)		
4.1	MBD 1 – Invitation to bid	YES	NO
4.2	MBD 4 - Declaration form confirming the bidder is not in the service of the state	YES	YES
4.3	MBD 5 - Declaration for procurement above R10 million	YES (if applicable)	YES (if applicable)
4.4	MBD 6.1 - Preference points claim form	YES	YES
4.5	MBD 8 - Declaration of bidders' past supply chain management practices	YES	YES
4.6	MBD 9 - Declaration of independent bid determination	YES	YES
5.	Form of offer (The Contract: Section 3)	YES	YES

SCHEDULE A – CONFIRMATION OF REGISTRATION OF BIDDER ON CENTRAL SUPPLIER DATABASE (CSD)

BIDDER NAME	REGISTERED ON CSD? (YES/NO)	CSD SUPPLIER NUMBER

Bidders are required to register as suppliers on the National Treasury Central Supplier Database (CSD) prior to submission of this bid, and provide their CSD supplier number in the table above.

It is the responsibility of bidders to ensure that this requirement is complied with. In the case of Joint Ventures and Consortia, this requirement will apply to each party to the Joint Venture or Consortium.

BIDDER'S SIGNATURE:

SCHEDULE B: AUTHORITY OF BID SIGNATORY

Indicate the status of the bidder by ticking the appropriate box hereunder with an x.

COMPANY	CLOSE CORPORATION	PARTNERSHIP	SOLE PROPRIETORSHIP

JOINT VENTURE	CONSORTIUM	CO-OPERATIVE

NOTE:

BIDDERS MUST ATTACH A LETTER OF AUTHORITY TO THIS PAGE, AUTHORIZING THE SIGNATORY TO THIS BID TO SIGN ALL DOCUMENTS IN CONNECTION THEREWITH ON BEHALF OF THE BIDDING ENTITY, AS WELL AS SIGN ANY CONTRACT ARISING THEREFROM ON BEHALF OF THE BIDDING ENTITY.

ATTACH LETTER OF AUTHORITY HERE

SCHEDULE C: TENDER BRIEFING / SITE INSPECTION CERTIFICATE

Note: This certificate is only to be completed if applicable to the tender.

CERTIFICATE OF ATTENDANCE

THIS IS TO CERTIFY THAT (NAME) ON BEHALF OF
..... (BIDDING ENTITY), ATTENDED THE OFFICIAL TENDER
BRIEFING SESSION AND / OR SITE INSPECTION ON (DATE) AT
.....
..... (VENUE).

I FURTHER CERTIFY THAT I AM SATISFIED WITH THE DESCRIPTION OF THE SERVICES TO BE PERFORMED AND THE EXPLANATIONS (IF ANY) GIVEN TO ME BY THE MUNICIPALITY'S REPRESENTATIVES. I AM ALSO FAMILIAR WITH THE MANNER IN WHICH THE SERVICES ARE TO BE PERFORMED UNDER THE INTENDED CONTRACT.

.....
BIDDER / AUTHORISED REPRESENTATIVE
(PRINT NAME)

.....
SIGNATURE

.....
DATE

.....
MUNICIPAL REPRESENTATIVE
(PRINT NAME)

.....
SIGNATURE

.....
DATE

SCHEDULE D: MUNICIPAL BIDDING DOCUMENTS (MBDs)

MBD 1

**PART A
INVITATION TO BID**

YOU ARE HEREBY INVITED TO BID FOR REQUIREMENTS OF O.R. TAMBO DISTRICT MUNICIPALITY					
BID NUMBER:	ORTDM SCMU 10-24/25	CLOSING DATE:	10 SEPTEMBER 2024	CLOSING TIME:	12.00PM
DESCRIPTION:	APPOINTMENT OF A PANEL OF SUPPLIERS TO SUPPLY AND DELIVERY OF PLUMBING MATERIALS AND EQUIPMENTS FOR 36 MONTHS (3 YEARS)				

BID RESPONSE DOCUMENTS MAY BE DEPOSITED IN THE BID BOX SITUATED AT:

TENDER BOX, GROUND FLOOR, O.R. TAMBO DISTRICT MUNICIPALITY BUILDING
NELSON MANDELA DRIVE
MYEZO PARK
MTHATHA
EASTERN CAPE

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					
TAX COMPLIANCE STATUS	TCS PIN:			CSD No:	
BUSINESS REGISTRATION DOCUMENTS	<input type="checkbox"/> Yes <input type="checkbox"/> No		STATEMENT OF RATES AND TAXES <input type="checkbox"/> Yes <input type="checkbox"/> No		

[BUSINESS REGISTRATION DOCUMENTS AND STATEMENT OF RATES AND TAXES) MUST BE SUBMITTED IN ORDER TO QUALIFY FOR PREFERENCE POINTS FOR PREFERENCES]

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]
TOTAL NUMBER OF ITEMS OFFERED		TOTAL BID PRICE	R
SIGNATURE OF BIDDER	DATE	
CAPACITY UNDER WHICH THIS BID IS SIGNED			

BIDDING PROCEDURE ENQUIRIES MAY BE DIRECTED TO:		TECHNICAL INFORMATION MAY BE DIRECTED TO:	
DEPARTMENT	SCM DEPARTMENT	CONTACT PERSON	LUTHANDO MASHIYA
CONTACT PERSON	SAKHIWO HOPA	TELEPHONE NUMBER	047 501 6492
TELEPHONE NUMBER	047 501 6449	FACSIMILE NUMBER	N/A
FACSIMILE NUMBER	N/A	E-MAIL ADDRESS	mashiya@ortambodm.gov.za
EMAIL ADDRESS	sakhiwoh@ortambodm.org.za		

PART B TERMS AND CONDITIONS FOR BIDDING

1. BID SUBMISSION:
<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).</p> <p>1.3. THIS BID IS SUBJECT TO THE PREFERENTIAL PROCUREMENT POLICY FRAMEWORK ACT AND THE PREFERENTIAL PROCUREMENT REGULATIONS, 2017, THE GENERAL CONDITIONS OF CONTRACT (GCC) AND, IF APPLICABLE, ANY OTHER SPECIAL CONDITIONS OF CONTRACT.</p>
2. TAX COMPLIANCE REQUIREMENTS
<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 THE TAX COMPLIANCE STATUS (TCS) CERTIFICATE 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 FOREIGN SUPPLIERS MUST COMPLETE THE PRE-AWARD QUESTIONNAIRE IN PART B:3.</p> <p>2.5 BIDDERS MAY ALSO SUBMIT A PRINTED TCS CERTIFICATE TOGETHER WITH THE BID.</p> <p>2.6 IN BIDS WHERE CONSORTIA / JOINT VENTURES / SUB-CONTRACTORS ARE INVOLVED, EACH PARTY MUST SUBMIT A SEPARATE TCS CERTIFICATE / PIN / CSD NUMBER.</p> <p>2.7 WHERE NO TCS IS AVAILABLE BUT THE BIDDER IS REGISTERED ON THE CENTRAL SUPPLIER DATABASE (CSD), A CSD NUMBER MUST BE PROVIDED.</p>
3. QUESTIONNAIRE TO BIDDING FOREIGN SUPPLIERS
<p>3.1. IS THE ENTITY A RESIDENT OF THE REPUBLIC OF SOUTH AFRICA (RSA)? <input type="checkbox"/> YES <input type="checkbox"/> NO</p> <p>3.2. DOES THE ENTITY HAVE A BRANCH IN THE RSA? <input type="checkbox"/> YES <input type="checkbox"/> NO</p> <p>3.3. DOES THE ENTITY HAVE A PERMANENT ESTABLISHMENT IN THE RSA? <input type="checkbox"/> YES <input type="checkbox"/> NO</p> <p>3.4. DOES THE ENTITY HAVE ANY SOURCE OF INCOME IN THE RSA? <input type="checkbox"/> YES <input type="checkbox"/> NO</p> <p>3.5. IS THE ENTITY LIABLE IN THE RSA FOR ANY FORM OF TAXATION? <input type="checkbox"/> YES <input type="checkbox"/> NO</p> <p>IF THE ANSWER IS "NO" TO ALL OF THE ABOVE, THEN IT IS NOT A REQUIREMENT TO REGISTER FOR A TAX COMPLIANCE STATUS SYSTEM PIN CODE FROM THE SOUTH AFRICAN REVENUE SERVICE (SARS) AND IF NOT REGISTER AS PER 2.3 ABOVE.</p>

NB: FAILURE TO PROVIDE ANY OF THE ABOVE PARTICULARS MAY RENDER THE BID INVALID. NO BIDS WILL BE CONSIDERED FROM PERSONS IN THE SERVICE OF THE STATE.

SIGNATURE OF BIDDER:

CAPACITY UNDER WHICH THIS BID IS SIGNED:

DATE:

MBD 4

DECLARATION OF INTEREST

1. No bid will be accepted from persons in the service of the state¹.
2. Any person, having a kinship with persons in the service of the state, including a blood relationship, may make an offer or offers in terms of this invitation to bid. In view of possible allegations of favouritism, should the resulting bid, or part thereof, be awarded to persons connected with or related to persons in service of the state, it is required that the bidder or their authorized representative declare their position in relation to the evaluating/adjudicating authority.
3. In order to give effect to the above, the following questionnaire must be completed and submitted with the bid.

3.1 Full Name of bidder or his or her representative:

3.2 Identity Number:

3.3 Position occupied in the Company (director, trustee, shareholder²):

.....

3.4 Company Registration Number:

3.5 Tax Reference Number:

3.6 VAT Registration Number:

3.7 The names of all directors / trustees / shareholders members, their individual identity numbers and state employee numbers must be indicated in paragraph 4 below.

3.8 Are you presently in the service of the state? **YES / NO**

3.8.1 If yes, furnish particulars.....

.....

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

(a) a member of –

(i) any municipal council;

(ii) any provincial legislature; or

(iii) the national Assembly or the national Council of provinces;

(b) a member of the board of directors of any municipal entity;

(c) an official of any municipality or municipal entity;

(d) an employee of any national or provincial department, national or provincial public entity or constitutional institution within the meaning of the Public Finance Management Act, 1999 (Act No.1 of 1999);

(e) a member of the accounting authority of any national or provincial public entity; or

(f) an employee of Parliament or a provincial legislature.

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

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

3.9.1 If yes, furnish particulars.....
.....

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

3.10.1 If yes, furnish particulars
.....

3.11 Are you, aware of any relationship (family, friend, other) between any other bidder and any persons in the service of the state who may be involved with the evaluation and or adjudication of this bid? **YES / NO**

3.11.1 If yes, furnish particulars.....
.....

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

3.12.1 If yes, furnish particulars
.....

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

3.13.1 If yes, furnish particulars.....
.....

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

3.14.1 If yes, furnish particulars
.....

4. Full details of directors / trustees / members / shareholders.

Full name	Identity number	State employee number

.....
Signature

.....
Date

.....
Capacity

.....
Name of Bidder

MBD 5

DECLARATION FOR PROCUREMENT ABOVE R10 MILLION (ALL APPLICABLE TAXES INCLUDED)

For all procurement expected to exceed R10 million (all applicable taxes included), bidders must complete the following questionnaire:

NO.	QUESTION	ANSWER (TICK WHICH RESPONSE IS APPLICABLE)	
		YES	NO
1.	Are you by law required to prepare annual financial statements?		
1.1	If yes, submit audited annual financial statements for the past three years or since the date of establishment if established during the last 3 years.		

NO.	QUESTION	ANSWER (TICK WHICH RESPONSE IS APPLICABLE)	
		YES	NO
2.	Do you have any outstanding undisputed commitments for municipal services towards any municipality for more than 3 months or any other service provider in respect of which payment is overdue for more than 30 days?		
2.1	If no, this serves to certify that the bidder has no undisputed commitments for municipal services towards any municipality for more than 3 months or other service provider in respect of which payment is overdue for more than 30 days.		
2.2	If yes, provide details:		

NO.	QUESTION	ANSWER (TICK WHICH RESPONSE IS APPLICABLE)	
		YES	NO
3.	Has any contract been awarded to you by an organ of state during the past five years, including particulars of any material non-compliance or dispute concerning the execution of such contract?		
3.1	If yes, provide details:		

NO.	QUESTION	ANSWER (TICK WHICH RESPONSE IS APPLICABLE)	
		YES	NO
4.	Will any portion of the goods of services be sourced from outside the Republic, and if so, what portion, and whether any portion of payment from the municipality is expected to be transferred outside of the Republic?		
4.1	If yes, provide details:		

CERTIFICATION

I, THE UNDERSIGNED (NAME)

CERIFY THAT THE INFORMATION FURNISHED ON THIS DECLARATION FORM IS CORRECT.

I ACCEPT THAT THE STATE MAY ACT AGAINST ME SHOULD THIS THIS DECLARATION PROVE TOBE FALSE.

.....
Signature

.....
Date

.....
Position

.....
Name of Bidder

MBD 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

- a) The applicable preference point system for this tender is the **80/20** preference point system.
- b) The **80/20 preference point system** will be applicable in this tender. The lowest 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	80
SPECIFIC GOALS	20
Total points for Price and SPECIFIC GOALS	100

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

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

2. DEFINITIONS

- (a) **“tender”** means a written offer in the form determined by an organ of state in response to an invitation to provide goods or services through price quotations, competitive tendering process or any other method envisaged in legislation;
- (b) **“price”** means an amount of money tendered for goods or services, and includes all applicable taxes less all unconditional discounts;
- (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:

$$Ps = 80 \left(1 - \frac{Pt - P_{min}}{P_{min}} \right) \quad \text{or} \quad Ps = 90 \left(1 - \frac{Pt - P_{min}}{P_{min}} \right)$$

80/20 or 90/10

Where

Ps = Points scored for price of tender under consideration

Pt = Price of tender under consideration

Pmin = Price of lowest acceptable tender

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

3.2.1. POINTS AWARDED FOR PRICE

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

$$Ps = 80 \left(1 + \frac{Pt - P_{max}}{P_{max}} \right) \quad \text{or} \quad Ps = 90 \left(1 + \frac{Pt - P_{max}}{P_{max}} \right)$$

80/20 or 90/10

Where

P_{max} = Price of highest acceptable tender

4. POINTS AWARDED FOR SPECIFIC GOALS

- 4.1. In terms of Regulation 4(2); 5(2); 6(2) and 7(2) of the Preferential Procurement Regulations, preference points must be awarded for specific goals stated in the tender. For the purposes of this tender the tenderer will be allocated points based on the goals stated in table 1 below as may be supported by proof/documentation stated in the conditions of this tender:
- 4.2. In cases where organs of state intend to use Regulation 3(2) of the Regulations, which states that, if it is unclear whether the 80/20 or 90/10 preference point system applies, an organ of state must, in the tender documents, stipulate in the case of—
- (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.)

The specific goals allocated points in terms of this tender	Number of points Allocated on 80/20 system
The promotion of enterprises located in a specific region (O.R Tambo District): The Tenderer and Directors are based in the ORTDM region and pay their municipal rates and taxes	05
Promotion of 51% Black-owned enterprises	05
Promotion of 100% Women-owned enterprises	05
Promotion of 100% Youth-owned enterprises	05

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
- ☐ Non-Profit Company
- ☐ State Owned Company

[TICK APPLICABLE BOX]

4.6. I, the undersigned, who is duly authorized 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 favorable 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.

<p>.....</p> <p>SIGNATURE(S) OF TENDERER(S)</p>	
SURNAME AND NAME:
DATE:
ADDRESS:

MBD 8

DECLARATION OF BIDDER'S PAST SUPPLY CHAIN MANAGEMENT PRACTICES

- 1 This Municipal Bidding Document must form part of all bids invited.
- 2 It serves as a declaration to be used by municipalities and municipal entities in ensuring that when goods and services are being procured, all reasonable steps are taken to combat the abuse of the supply chain management system.
- 3 The bid of any bidder may be rejected if that bidder, or any of its directors have:
 - a. abused the municipality's / municipal entity's supply chain management system or committed any improper conduct in relation to such system;
 - b. been convicted for fraud or corruption during the past five years;
 - c. willfully neglected, reneged on or failed to comply with any government, municipal or other public sector contract during the past five years; or
 - d. been listed in the Register for Tender Defaulters in terms of section 29 of the Prevention and Combating of Corrupt Activities Act (No 12 of 2004).
- 4 In order to give effect to the above, the following questionnaire must be completed and submitted with the bid.

Item	Question	Yes	No
4.1	<p>Is the bidder or any of its directors listed on the National Treasury's Database of Restricted Suppliers as companies or persons prohibited from doing business with the public sector?</p> <p>(Companies or persons who are listed on this Database were informed in writing of this restriction by the Accounting Officer/Authority of the institution that imposed the restriction after the <i>audi alteram partem</i> rule was applied).</p> <p>The Database of Restricted Suppliers now resides on the National Treasury's website(www.treasury.gov.za) and can be accessed by clicking on its link at the bottom of the home page.</p>	<p>Yes</p> <p><input type="checkbox"/></p>	<p>No</p> <p><input type="checkbox"/></p>
4.1.1	<p>If so, furnish particulars:</p>		
4.2	<p>Is the bidder or any of its directors listed on the Register for Tender Defaulters in terms of section 29 of the Prevention and Combating of Corrupt Activities Act (No 12 of 2004)?</p> <p>The Register for Tender Defaulters can be accessed on the National Treasury's website (www.treasury.gov.za) by clicking on its link at the bottom of the home page.</p>	<p>Yes</p> <p><input type="checkbox"/></p>	<p>No</p> <p><input type="checkbox"/></p>

4.2.1	If so, furnish particulars:		
		<input type="checkbox"/>	<input type="checkbox"/>
4.3	Was the bidder or any of its directors convicted by a court of law (including a court of law outside the Republic of South Africa) for fraud or corruption during the past five years?	Yes	No
4.3.1	If so, furnish particulars:		
		<input type="checkbox"/>	<input type="checkbox"/>
Item	Question	Yes	No
4.4	Does the bidder or any of its directors owe any municipal rates and taxes or municipal charges to the municipality / municipal entity, or to any other municipality / municipal entity, that is in arrears for more than three months?	Yes	No
4.4.1	If so, furnish particulars:		
4.5	Was any contract between the bidder and the municipality / municipal entity or any other organ of state terminated during the past five years on account of failure to perform on or comply with the contract?	Yes <input type="checkbox"/>	No <input type="checkbox"/>
4.7.1	If so, furnish particulars:		

CERTIFICATION

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

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

.....
Signature

.....
Date

.....
Position

.....
Name of Bidder

MBD 9

CERTIFICATE OF INDEPENDENT BID DETERMINATION

- 1 This Municipal Bidding Document (MBD) must form part of all bids¹ invited.
- 2 Section 4 (1) (b) (iii) of the Competition Act No. 89 of 1998, as amended, prohibits an agreement between, or concerted practice by, firms, or a decision by an association of firms, if it is between parties in a horizontal relationship and if it involves collusive bidding (or bid rigging).² Collusive bidding is a *pe se* prohibition meaning that it cannot be justified under any grounds.
- 3 Municipal Supply Regulation 38 (1) prescribes that a supply chain management policy must provide measures for the combating of abuse of the supply chain management system, and must enable the accounting officer, among others, to:
 - a. take all reasonable steps to prevent such abuse;
 - b. reject the bid of any bidder if that bidder or any of its directors has abused the supply chain management system of the municipality or municipal entity or has committed any improper conduct in relation to such system; and
 - c. cancel a contract awarded to a person if the person committed any corrupt or fraudulent act during the bidding process or the execution of the contract.
- 4 This MBD serves as a certificate of declaration that would be used by institutions to ensure that, when bids are considered, reasonable steps are taken to prevent any form of bid-rigging.
- 5 In order to give effect to the above, the attached Certificate of Bid Determination (MBD 9) must be completed and submitted with the bid:

¹ Includes price quotations, advertised competitive bids, limited bids and proposals.

² Bid rigging (or collusive bidding) occurs when businesses, that would otherwise be expected to compete, secretly conspire to raise prices or lower the quality of goods and / or services for purchasers who wish to acquire goods and / or services through a bidding process. Bid rigging is, therefore, an agreement between competitors not to compete.

MBD 9

CERTIFICATE OF INDEPENDENT BID DETERMINATION

I, the undersigned, in submitting the accompanying bid:

ORTDM SCMU 10-24/25: APPOINTMENT OF A PANEL OF SUPPLIERS TO SUPPLY AND DELIVERY OF PLUMBING MATERIALS AND EQUIPMENTS FOR 36 MONTHS (3 YEARS)

O.R. Tambo District Municipality

do hereby make the following statements that I certify to be true and complete in every respect:

I certify, on behalf of: _____ that:

(Name of Bidder)

1. I have read and I understand the contents of this Certificate;
2. I understand that the accompanying bid will be disqualified if this Certificate is found not to be true and complete in every respect;
3. I am authorized by the bidder to sign this Certificate, and to submit the accompanying bid, on behalf of the bidder;
4. Each person whose signature appears on the accompanying bid has been authorized by the bidder to determine the terms of, and to sign, the bid, on behalf of the bidder;
5. For the purposes of this Certificate and the accompanying bid, I understand that the word "competitor" shall include any individual or organization, other than the bidder, whether or not affiliated with the bidder, who:
 - (a) has been requested to submit a bid in response to this bid invitation;
 - (b) could potentially submit a bid in response to this invitation, based on their qualifications, abilities or experience; and
 - (c) provides the same goods and services as the bidder and/or is in the same line of business as the bidder

MBD 9

6. The bidder has arrived at the accompanying quotation independently from, and without consultation, communication, agreement or arrangement with any competitor. However communication between partners in a joint venture or consortium³ will not be construed as collusive bidding.
7. In particular, without limiting the generality of paragraphs 6 above, there has been no consultation, communication, agreement or arrangement with any competitor regarding:
 - (a) prices;
 - (b) geographical area where product or service will be rendered (market allocation)
 - (c) methods, factors or formulas used to calculate prices;
 - (d) the intention or decision to submit or not to submit, a bid;
 - (e) the submission of a bid, which does not meet the specifications and conditions of this invitation; or
 - (f) submitting a bid with the intention not to win the bid.
8. In addition, there have been no consultations, communications, agreements or arrangements with any competitor regarding the quality, quantity, specifications and conditions or delivery particulars of the products or services to which this bid invitation relates.
9. 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 bid.

³ 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.

MBD 9

10. 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.

.....
Signature

.....
Date

.....
Position

.....
Name of Bidder

SCHEDULE F – SCHEDULE OF PREVIOUS EXPERIENCE

Provide the following information on relevant previous experience (indicate specifically projects of similar or larger size and/or which is similar with regard to type of work).

Description	Value (R) VAT excluded	Year(s) work executed	Reference		
			Name	Organization	Tel no

Name of Tenderer.....

Date:

Signature:

Full name of signatory:

This form must be completed by the authorized persons of the bidder's current or previous clients. The form must be fully completed, signed and stamped. Forms which are neither complete, nor signed nor stamped will not be considered for evaluation.

1. REFERENCE FOR THE BIDDER

Name of Institution (Client)	
Contract/ Tender Number	
Contract Description	
Name of Service Provider (Bidder)	
Value of Project	
Commencement Date	
Contractual Completion Date	
Bidder's Completion Date	

1.1 Please score the performance of the above-mentioned company by marking the relevant box

Performance Rating			Comments
Work performed in compliance with contract term	Excellent	5	
	Good	4	
	Fair	3	
	Poor	2	
Timelines of work are met	Excellent	5	
	Good	4	
	Fair	3	
	Poor	2	
Quality of service	Excellent	5	
	Good	4	
	Fair	3	
	Poor	2	
Communication and accessibility	Excellent	5	
	Good	4	
	Fair	3	
	Poor	2	
Would you recommend using this service provider in future	Yes	No	If no, please provide reasons:

OVERALL PERFORMANCE

Excellent		Good		Fair		Poor	
-----------	--	------	--	------	--	------	--

Name of the Authorized Person _____ Designation _____

Signature _____

Date _____

Official Stamp

SCHEDULE G – SCHEDULE OF CURRENT PROJECTS

Provide the following information on current projects. **This information is material to the award of the Contract.**

Description	Value (R) VAT excluded	Date Appointed	Reference		
			Name	Organisation	Tel no

Name of Tenderer:

Date:

Signature:

Full name of signatory:

THE CONTRACT

SECTION 1: THE SCOPE OF WORK

C.2.1.1 INTRODUCTION

The provision of water services is the responsibility of Water Service Authority. The Water Services Act (No. 108 Of 1997) has also defined a Water Services Provider as an institution who is responsible for the operation and maintenance of the water services infrastructure that supplies water to the end consumer.

O R Tambo district Municipality (ORTDM) is the Water Service Authority and a Water Service Provider; this is in terms of the Municipal Structures Act 118 of 1998. In order to fulfil this responsibility, ORTDM is required to repair leaking or burst water pipes, unblock sewers and any other related tasks that require planned and unplanned action.

In responding to this, the District is putting out these terms of reference to acquire services from Providers with necessary skills and experience to supply and deliver Plumbing material for a period of 36 months.

C.2.1.2 THE PURPOSE OF THE PROJECT

The purpose of the project is to acquire services of a competent supplier or service provider that will supply and deliver plumbing material and equipment in order to assist the municipality in rendering operation and maintenance of water services function within its jurisdiction. The supplier will be within the jurisdiction of O.R. Tambo DM. The appointment will be for the period of 36 months and this will be based on a call down system/ method. This means that successful bidder/s will be requested by the municipality to supply the plumbing materials and equipment as and when required by the municipality through an official purchase order. No supplier will be based on a specific area, instead the supply will be based on each official order for a specific area.

C2.1.3. PROJECT BRIEF

The services that are required will be for the 36 months period at an agreed rate and will be based on the call down system/ method (services to be rendered when required). A mechanism in this regard will be developed on the communication and consultation with the provider when the necessary services are required. The suppliers are required to supply SABS or ISO approved materials and failure to comply will result to discontinuation of the contract. OR Tambo District Municipality will not be held liable for any Health & Safety related accidents or incidents as a result of negligence on the part of the successful Bidder. OR Tambo District Municipality reserves the right to cancel the contract at any stage should the successful Bidder not comply with what is deemed reasonable performance efficiency. No work may start without an official order notification for supply that will be required from the service provider. (Except after hours – official order to be provided within 3 working days). The suppliers are expected to carry a stock in their stores with a minimum stock levels of 5 days. The municipality will on an ad-hoc basis visit the stores of the successful suppliers to ensure compliance with this requirement. In case the supplier has ran out of stock or is required to supply specialized fittings it will be required of him to supply the required material or fittings within 36 hours and failure to meet that time, the municipality reserve the right to source the supply by itself to any other supplier.

C2.1.4. METHODOLOGY

The Supplier or Service Providers must demonstrate the capacity to execute the required service. The company to show how the daily reporting are will be handled, pictorial evidence will accompany the invoicing showing work done. Staff that will be involved in executing the service and their roles, the controls that will be put in place to ensure the value for money.

C.2.5. PROJECT MANAGEMENT

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The project will be managed by the General Manager of OR Tambo District Municipality. The service provider is expected to provide a designated individual to perform the project management task and contractual management.

The person should demonstrate the necessary capability to carry the task including competency in word and excel spreadsheet.

C.2.6. DELIVERABLES/OUTPUTS

The key deliverable/ output for the project are the supply and delivery of plumbing material and equipment for operation and maintenance of water services infrastructure within OR Tambo District Municipality as and when required.

FORM C2.3 SPECIFICATIONS

GENERAL

1.1 SCOPE

This specification covers the design, manufacture, construction and installation of uPVC (unplasticised polyvinyl chloride) and MPVC (modified unplasticised polyvinyl chloride) pressure pipes, fittings and joints suitable for conveying natural or potable water. Clauses referring specifically to uPVC are classified as PART I and Clauses referring specifically to MPVC are classified as PART II. All other Clauses refer to both types.

1.2 REFERENCES

The following Standard Specifications, Codes of Practice and Regulations are referred to and shall apply as specified hereinafter. The latest issues shall apply: for the supply of valves."

SABS 62:	:	Steel pipes and pipe fittings up to 150 mm nominal bore
SABS 135	:	ISO Metric black bolts, screws and nuts
SABS 136	:	ISO Metric precision hexagon-head bolts, screws and nuts
SABS 226	:	Water taps
SABS 227	:	Burnt clay masonry units
SABS 280	:	Hole location in fencing posts and droppers
SABS 308	:	Cutback bitumen
SABS 457	:	Wooden posts and droppers for fences
SABS 471	:	Portland cement
SABS 509	:	Malleable cast iron pipe fittings
SABS 533	:	Black polyethylene pipes for the conveyance of liquids
SABS 546	:	Cast iron fittings for fibre-cement pressure pipes
SABS 558	:	Cast iron surface boxes and manhole and inspection covers and frames
SABS 626	:	Portland blastfurnace cement
SABS 675	:	Zinc-coated fencing wire (plain and barbed)
SABS 676	:	Reinforced concrete pressure pipes
SABS 719	:	Electric welded low carbon steel pipes for aqueous fluids
SABS 763	:	:Hot-dip (galvanized) zinc coatings
SABS 802	:	Bituminous aluminium paint
SABS 920	:	Steel bars for concrete reinforcement
SABS 952	:	Polyethylene sheet
SABS 974	:	Rubber joint rings
SABS 986	:	Precast reinforced concrete culverts
SABS 1024	:	Welded steel fabric for concrete reinforcement
SABS 1083	:	Aggregates from natural sources
SABS 1090	:	Sand for plaster and mortar
SABS 1117	:	Plastic wrappings for the protection of steel pipelines
SABS 1130	:	Glass fibre reinforcing material for pipe wrapping
SABS 1136	:	Cold-applied bitumen primer for steel pipeline protection
SABS 1137	:	Hot-applied bitumen for steel pipeline protection
SABS 1138	:	Cold-applied coal tar primer for steel pipeline protection
SABS 1139	:	Hot-applied coal tar enamel for steel pipeline protection
SABS 1149	:	Flat and taper steel washers
SABS 1200	:	Standardized specification for civil engineering construction
SABS 1217	:	Production of painted and powder-coated steel pipes
SABS 1223	:	Fibre-cement pressure pipes and couplings

SABS 044	:	Code of practice for welding
SABS 0102	:	The structural design and installation of precast concrete pipelines
SABS 0121	:	Cathodic protection of buried and submerged structures
SABS Method 851	:	:Liquid limit of fines in aggregate
SABS Method 852	:	:Plastic limit and plasticity index of fines in aggregate SABS Method 853
	:	:Linear shrinkage of fines in aggregate
SABS Method 853	:	:Linear shrinkage of fines in aggregate
CKS 146	:	Gates, steel with tubular frames
CKS 229	:	Chain link wire fencing (diamond mesh)
CKS 244	:	Wire mesh for industrial screening
CKS 280	:	Padlocks
BS-CP 2010	:	Pipelines
BS 143	:	Malleable cast iron and cast copper alloy screwed pipe fittings for steam,
air, water, gas and oil	:	
BS 1740	:	Wrought steel pipe fittings
BS 2035	:	Cast iron flanged pipes and flanged fittings
BS 2633	:	Class I arc welding of ferritic steel pipe work for carrying fluids
BS 2815	:	Compressed asbestos fibre jointing
BS 4504	:	Flanges and bolting for pipes, valves and fittings
BS 5500	:	Unfired fusion welded pressure vessels
BS 6076	:	Tubular polyethylene film for use as protective sleeving for buried iron
	:	pipes and fittings
BS 8010	:	Pipelines
SIS 055900	:	Pictorial surface preparation standards for painting steel surfaces
	:	(Swedish)
API 1104	:	Standard for welding pipelines and related facilities (American Petroleum
	:	Institute)
Res/P/U4	:	Pamphlet: Preliminary Information (Shell Chemicals UK Ltd)
Act 85/1993	:	Occupational Health and Safety act (as amended)
Act 26/1956	:	:Explosives act and regulations (as amended)
Act 103/1977	:	National building regulations and building standards
-	:	

3. MATERIALS

3.1 Pipes and fittings

3.1.1 Steel pipes, specials and couplings

3.1.1.1 Steel pipes, specials and flexible couplings shall conform to the "Department of Water Affairs" Standard Specification DWS1130.

3.1.1.2 Linings and coatings to steel pipes and specials shall conform to the "Department of Water Affairs" Standard Specification DWS1131.

3.1.2 Prestressed concrete pipes and specials

3.1.2.1 Non-cylinder type prestressed concrete pipes and specials shall conform to the "Department of Water Affairs" Standard Specification "PCP-N".

3.1.2.2 Embedded steel-cylinder type and lined steel-cylinder type prestressed concrete pipes and specials shall conform to the "Department of Water Affairs" Standard Specification "PCP-C".

3.1.3 Reinforced concrete pipes

Reinforced concrete pressure pipes shall conform to SABS 676.

3.1.4 Fibre-cement pipes and fittings

3.1.4.1 Fibre-cement pressure pipes and couplings shall conform to SABS 1223.

3.1.4.2 Cast iron fittings shall conform to SABS 546.

3.1.5 Galvanized steel pipes and fittings

3.1.5.1 Galvanized steel pipes shall conform to SABS 62, medium and heavy thicknesses.

3.1.5.2 Steel fittings shall be galvanized heavy weight fittings and shall conform to

3.1.6 Cast-iron pipes and fittings

Cast-iron pipes and fittings shall be flanged and shall conform to BS 2035.

3.1.7 Polyethylene pipes

Polyethylene pipes shall conform to SABS 533.

3.1.8 Flanges

Except where specified to the contrary elsewhere in the documents, all flanges shall be steel-plate for welding and shall conform to BS 4504. Should the required flange size fall beyond the range of BS 4504, mating dimensions shall be in accordance with ISO standard 7005 with thicknesses adequate to withstand closed - end test pressure. Flanges of 125 mm NB and larger shall have a minimum pressure rating of 1 MPa, with flat joint faces machine finished to a roughness value of 12,5 micrometres and with weld preparations in accordance with BS 2633, fig. 39 or 40. Weld preparation in accordance with fig. 41 shall be acceptable for flanges 100 mm NB and smaller.

3.1.9 Bolts, nuts and washers

3.1.9.1 Bolts and nuts shall conform to SABS 135 or SABS 136. Bolts shall be of sufficient length for at least two screw threads to protrude from the nut when assemblies are fully tightened.

3.1.9.2 Washers shall be of appropriate material and dimensions shall conform to SABS 1149.

3.1.10 Gaskets

Gaskets for flanged joints shall be of compressed asbestos fibre to BS 2815 Grade "A" and full faced with a minimum thickness of 3 mm. For pressures up to and including 1,6 MPa cloth-inserted rubber may be used.

SABS 471	:	Portland cement (ordinary, rapid-hardening and sulphate-resisting)
SABS 626	:	Portland blastfurnace cement
SABS 664	:	Cast iron gate valves for water works
SABS 831	:	Portland cement 15 and rapid-hardening Portland cement 15
SABS 974	:	Rubber joint rings for water, sewer and drainage systems, Part 1
SABS 936	:	Spheroidal Graphite Iron Castings
SABS 966	:	Components of Unplasticised Polyvinyl Chloride (uPVC) Pressure Pipe Systems for potable water.
SABS 1200	:	Standard specification for civil engineering construction:
		Section DB : Pipe Trenches
		Section L : Medium-pressure pipelines, Clause 7,3 standard hydraulic pipe test
		Section LB : Bedding
SABS 1283	:	Unplasticised polyvinyl chloride (uPVC) pressure pipes and couplings for cold water services in underground mining.
SABS 0102	:	The selection of pipes for buried pipelines
		Part I : General
		Part III : Semi-flexible pipes
SABS 0112	:	The installation of polyethylene and unplasticized polyvinyl chloride pipes
BS 1832	:	Compressed asbestos fibre jointing.
BS 3505	:	Unplasticised polyvinyl chloride pressure pipes for cold potable water.
BS 4504	:	Circular flanges for pipes, valves and fittings.
		Section 3.1 : Specification for steel flanges
		Section 3.2 : Specification for cast iron flanges
BS 4865	:	Dimensions of gaskets for flanges to BS 4504.
		Part 1 : Specification for non-metallic flat gaskets.
BS 6920	:	Suitability of non-metallic products for use in contact with water intended for human consumption with regard to their effect on the quality of the water
DIN 8061	:	A1:1991 Unplasticised polyvinyl chloride pipes:

		General quality requirements and testing
ISO 1167	:	Plastic pipes for the transport of fluids: determination of the resistance to internal pressure.
ISO 1628	:	Plastics determination of viscosity number and limiting viscosity number. Part 2: PVC resins.
ISO 4422	:	Pipes and fittings made of unplasticised polyvinyl chloride for water supply specifications
ISO 9002	:	Quality systems : Model for quality assurance in production and installation.
JASWIC	:	R55 1993: Requirements for MPVC pressure pipes.

1.3 HEALTH AND SAFETY

Safety precautions to avoid risk to health and safety of the public and all employees, and to prevent damages to the works and private property, must be observed at all times.

SECTION 2 : MATERIALS

2.1 GENERAL

uPVC pipes and post formed bends shall be made of unplasticised polyvinyl chloride manufactured in accordance with SABS 966. For MPVC, the material shall be an alloy or compound of unplasticised polyvinyl chloride. The alloy or compound shall consist substantially of unplasticised polyvinyl chloride resin to which shall be added only those materials necessary to facilitate the production of sound durable pipes and bends to this specification. The unplasticised polyvinyl chloride resin shall have a "K"-value of not less than 66 when tested in accordance with ISO 174. All additives shall be uniformly dispersed. None of these additives shall be used, separately or together, in quantities sufficient to constitute a toxic, organoleptic or microbial growth hazard, impair the fabrication or welding properties of the product or impair conformance with the chemical and physical properties specified in this specification. The use of the manufacturer's own reprocessible material produced during the manufacturing and testing of products conforming to this specification is permissible. No reprocessible nor recyclable material obtained from external sources shall be used.

2.2 SOFTENING POINT

2.2.1 PART I : uPVC

The Vicat softening point of the pipe material, when measured in accordance with SABS 966 shall not be lower than 76°C in the case of pipes and not lower than 72°C in the case of fittings

2.2.2 PART II : MPVC

The Vicat softening point of the pipe material, when measured in accordance with SABS 966 shall not be lower than 80°C.

2.3 COLOUR

2.3.1 PART I : uPVC

The colour of the pipe shall be light blue in line with SABS 966 paragraph 3.1.6.

2.3.2 PART II : MPVC

The colour of the pipe shall be dark blue.

2.4 QUALITY CONTROL

The manufacturer must have a quality control system in accordance with ISO 9002.

2.5 RUBBER SEALING RINGS

The rubber sealing rings shall comply with the requirements of SABS 974 Part

2.6 FLANGE GASKETS

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Gaskets for flanged joints shall be in one piece, full face for Type A (flat face) flange facings for use with flanges complying with BS 4504. The dimensions of gaskets shall comply with BS 4865. The gasket shall

be of compressed fibre (chrysotile asbestos) with a suitable binder, 3 mm thick to comply with BS 1832. For pressures up to and including 1,6 MPa, fabric inserted rubber, 3mm thick may be used.

Note:

- (a) Where gaskets come into contact with potable water then materials shall comply with BS 6920, Part I.
- (b) Gaskets shall be protected from unnecessary exposure of ultraviolet radiation, light and ozone.

2.7 FITTINGS AND VALVES

2.7.1 For sizes up to 250 mm diameter

Fittings such as pressure bends, adaptors and double sockets for sizes up to 250 mm shall be manufactured from either uPVC or MPVC pipes, as applicable, to suit the relevant pipe classes. All other fittings in this size range shall be manufactured from Spheroidal Graphite Iron (SG Iron) and shall be bitumen dipped. All the above-mentioned fittings shall use the same rubber ring joint as used in the straight uPVC or MPVC pipe.

2.7.2 For sizes larger than 250 mm

For sizes larger than 250 mm all fittings must be fabricated in steel and must be provided with plain ends. All steel fittings must be painted on both the inside and the outside with an epoxy based paint to a dry film thickness of 300 micrometres. Flexible couplings shall be used to connect steel fittings and plain ended pipes.

2.7.3 Valves

Valves shall be selected to be suitable for the duty required and shall comply with the Department's Specification DWS 2510. SG Iron Gate valves shall be manufactured in accordance with SABS 664 with socket ends for uPVC or MPVC piping, as applicable, up to 200 mm diameter. For larger pipes flanged valves shall be used with the appropriate flanged adapters. Valves shall be mounted vertically with feet grouted in a concrete base.

SECTION 3: MANUFACTURE OF PIPES AND COUPLINGS

3.1 PIPES: PART I : uPVC

uPVC pressure pipes shall be manufactured in accordance with the requirements of SABS 966. The factory shall be accredited in accordance with ISO 9002. The standard effective length shall be 6 metres which shall exclude the integral rubber ring joint.

Outside diameters listed, are constant for all classes of a given size and shall be measured on the barrel of the pipe. There shall be seven classes as shown in Table 3.1.1 (the required class will be specified by the Engineer):

Table 3.1.1 : Classes of uPVC Pipe

Class	Maximum working pressure at 25° C	
	kPa	Head of water (m)
4	400	40
6	600	60
9	900	90
12	1200	120
16	1600	160
20	2000	200
25	2500	250

Nominal sizes shall be as shown in Table 3.1.2 (the required size will be specified by the Engineer).

ORTDM SCMU 10-24/25: APPOINTMENT OF A PANEL OF SUPPLIERS TO SUPPLY AND DELIVERY OF PLUMBING MATERIALS AND EQUIPMENTS FOR 36 MONTHS (3 YEARS)

Nominal Size (mm)	Outside Diameter (mm)		Wall Thickness (mm)													
			Class 4		Class 6		Class 9		Class 12		Class 16		Class 20		Class 25	
	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
16	16.0	16.3											1.5	1.9		
20	20.0	20.3									1.5	1.9	1.9	2.3		
25	25.0	25.3							1.5	1.9	1.9	2.3	2.3	2.8		
32	32.0	32.3					1.5	1.9	1.8	2.2	2.4	2.9	2.9	3.4		
40	40.0	40.3			1.5	1.9	1.8	2.2	2.3	2.8	3.0	3.5	3.7	4.3		
50	50.0	50.3			1.8	2.2	2.2	2.7	2.8	3.3	3.7	4.3	4.6	5.3		
63	63.0	63.3			1.9	2.3	2.7	3.2	3.6	4.2	4.7	5.5	5.8	6.7		
75	75.0	75.3	1.5	1.9	2.2	2.7	3.2	3.8	4.8	5.0	5.6	6.5	6.9	8.0		
90	90.0	90.3	1.8	2.2	2.7	3.1	3.9	4.5	5.1	5.9	6.7	7.8	8.2	9.5		
110	110.0	110.4	1.8	2.2	2.6	3.1	3.9	4.5	5.1	5.9	6.7	7.8	8.2	9.5	10.0	11.5
125	125.0	125.4	2.0	2.4	3.0	3.5	4.4	5.1	5.8	6.7	7.6	8.8	9.3	10.8	11.4	13.1
140	140.0	140.5	2.3	2.6	3.3	3.9	4.9	5.7	6.5	7.5	8.5	9.8	10.4	12.0	12.7	14.6
160	160.0	160.5	2.6	3.1	3.8	4.4	5.6	6.5	7.4	8.6	9.7	11.2	11.9	13.7	14.6	16.8
180	180.0	180.6	2.9	3.4	4.2	4.9	6.3	7.3	8.3	9.6	10.9	12.6	13.4	15.5	16.4	18.9
200	200.0	200.6	3.1	3.7	4.7	5.3	7.0	8.1	9.2	10.6	12.1	14.0	14.9	17.2	18.2	20.9
225	225.0	225.7	3.5	4.1	5.2	6.0	7.9	9.1	10.3	11.9	13.6	16.7	16.7	19.3	20.5	23.6
250	250.0	250.8	3.9	4.5	5.9	6.8	8.7	10.1	11.5	13.3	15.1	17.4	18.6	21.4	22.7	26.1
280	280.0	280.9	4.4	5.1	6.6	7.6	9.8	11.5	12.9	14.9	16.9	19.5				
315	315.0	316.0	5.0	5.8	7.4	8.6	11.0	12.7	14.5	16.7	19.0	21.9				
355	355.0	356.0	5.3	6.5	8.4	9.7	12.4	14.3	16.3	18.8	21.4	24.7				
400	400.0	401.0	6.3	7.3	9.4	10.9	14.0	16.1	18.4	21.2	24.1	27.6				
450	450.0	451.0	7.1	8.2	10.6	12.2	15.7	18.1	20.7	23.9						
500	500.0	501.0	7.9	9.1	11.8	13.6	17.4	20.1	22.9	26.5						
550	560.0	561.0	8.8	10.2	13.2	15.2	19.5	22.5								
630	630.0	631.0	10.0	11.5	14.8	17.1	21.9	25.3								

3.2 PIPES : PART II : MPVC

MPVC pressure pipes shall be manufactured in accordance with the requirements of Jaswic specification No. R55. The factory shall be accredited in accordance with ISO 9002. The standard effective length shall be 6 metres which shall exclude the integral rubber ring joint. Outside diameters listed, are constant for all classes of a given size and shall be measured on the barrel of the pipe. There shall be six classes as shown in Table 3.2.1 (the required class will be specified by the engineer):

Table 3.2.1 Classes of MPVC pipe

Class	Maximum working pressure at 25° C	
	kPa	Head of water (m)
6	600	60
9	900	90
12	1200	120
16	1600	160
20	2000	200
25	2500	250

Nominal sizes shall be as shown in Table 3.2.2 (the required size will be specified by the Engineer):

Table 3.2.2 : Nominal sizes and wall thickness for MPVC pipes.

Nominal Size (mm)	Outside Diameter (mm)		Wall Thickness (mm)											
			Class 6		Class 9		Class 12		Class 16		Class 20		Class 25	
			Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
50	50.0	50.2	1.5	1.7	1.5	1.7	1.7	1.9	2.2	2.4	2.7	3.0	3.3	3.6
63	63.0	63.2	1.5	1.7	1.6	1.8	2.1	2.3	2.7	3.0	3.4	3.8	4.1	4.5
75	75.0	75.3	1.5	1.7	1.9	2.1	2.5	2.8	3.2	3.5	4.0	4.4	4.9	5.4
90	90.0	90.3	1.8	2.0	2.2	2.4	3.0	3.3	3.9	4.3	4.8	5.3	5.9	6.5
110	110.0	110.4	2.2	2.4	2.7	3.0	3.6	4.0	4.7	5.2	5.8	6.4	7.2	7.9
122	122.0	122.3	2.4	2.6	3.0	3.3	4.0	4.4	5.2	5.7	6.5	7.2	8.0	8.8
125	125.0	125.4	2.5	2.8	3.1	3.4	4.1	4.5	5.4	6.0	6.6	7.3	8.2	9.0
140	140.0	140.5	2.8	3.1	3.5	3.9	4.6	5.1	6.0	6.6	7.4	8.1	9.1	10.0
160	160.0	160.5	3.2	3.5	4.0	4.4	5.2	5.7	6.9	7.6	8.5	9.4	10.4	11.5
177	177.0	177.6	3.5	3.9	4.4	4.8	5.8	6.4	7.7	8.5	9.4	10.3	11.5	12.7
180	180.0	180.6	3.6	4.0	4.4	4.9	5.9	6.5	7.8	8.6	9.5	10.5	11.7	12.9
200	200.0	200.6	3.9	4.3	4.9	5.4	6.5	7.2	8.6	9.5	10.6	11.7	13.0	14.3
225	225.0	225.7	4.4	4.9	5.5	6.1	7.3	8.0	9.6	10.6	11.9	13.1	14.7	16.2
250	250.0	250.8	4.9	5.4	6.1	6.7	8.1	8.9	10.7	11.8	13.2	14.5	16.3	17.9
280	280.0	280.9	5.5	6.1	6.9	7.6	9.1	10.0	12.0	13.2	14.8	16.3	18.2	20.0
315	315.0	316.0	6.2	6.8	7.7	8.5	10.2	11.2	13.4	14.8	16.6	18.3		
355	355.0	356.0	7.0	7.7	8.7	9.6	11.5	12.7	15.2	16.7	18.7	20.6		
400	400.0	401.0	7.8	8.6	9.8	10.8	12.9	14.2	17.1	18.8	21.1	23.2		
450	450.0	451.0	8.9	9.8	11.0	12.1	14.6	16.1	19.2	21.1	23.7	26.1		
500	500.0	501.0	9.8	10.8	12.2	13.4	16.2	17.8	21.3	23.4	26.4	29.0		
550	550.0	551.0	11.0	12.1	13.5	12.1	17.8	19.6	23.4	25.7				

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630	630.0	631.0	12.5	13.8	15.4	16.9	20.4	22.5	26.9	29.6				
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SECTION 4 : DESIGN CONSIDERATIONS

4.1 CLASSIFICATION : PART I : uPVC

4.1.1 Pipes of Nominal Diameter up to 630 mm

Pipes of nominal diameter up to 630 mm are classified according to the maximum working pressure at 25 degrees C as given in Table 3.1.1.

The design engineer, who is qualified to judge the conditions of laying and operational suitability of the pipes, must decide the class of pipe to be used, in relation to the hydraulic design pressure (which must include surge overpressure) and other conditions of laying and operation he has determined.

The Engineer shall also take into account the effect of all possible external loads.

4.1.2 Couplings

The coupling shall form an integral part of the pipe and each pipe shall have one plain end and one socket-end. At the socket-end the joint shall be integrally moulded into the pipe. In order to retain the same hoop stress after belling the pipe wall shall be thickened accordingly in the vicinity of the joint. The wall thickness shall conform to the appropriate values given in Table 3.1.2 and the wall thickness of integral pipe-end sockets shall not be less than 1,6 mm or the value obtained from the following formula, whichever is the greater:

$$e \text{ (mm)} = \frac{pd}{2S-p} \text{ where:}$$

d is the average inside diameter of the main body of the socket, in millimetres;

S is the design stress for uPVC pipes in kilopascals and shall be 10 000 kPa;

p is the numerical value of the maximum working pressure of the pipe of which the socket forms a part, in kilopascals.

The rubber seal ring must be designed to ensure a watertight joint under low or high pressure operation. It must be a precision injection moulded ring, manufactured to the requirements of SABS 974 and it must be factory fitted with a plastic retaining ring.

4.1.3 Design Stress

A design stress of 10 MPa for Pipe sizes up to and including 90 mm and a design stress of 12,5 MPa for pipe sizes of 110 mm and larger must be used to calculate the wall thickness, based on a 50 year strength of at least 25 MPa, giving a minimum safety factor of 2.5 and 2.0 respectively.

4.1.4 Resistance to Hydrostatic Pressure (ISO /DIS 4422 Part 2)

When tested in accordance with ISO 1167, using the combinations of test temperatures and induced stresses given in Table 4.1.4; the pipe shall not fail in less than the time specified.

1 **Table 4.1.4 : Resistance of uPVC pipes to hydrostatic pressure**

Test Temperature degrees C	Induced Stress MPa	Time H
20	42	1
20	35	100
20	32	1000
60	12.5	1000

3. CLASSIFICATION: PART II: MPVC

4.2.1 Pipes of Nominal Diameter up to 630 mm

Pipes of nominal diameter up to 630 mm are classified according to the maximum working pressure at 25 degrees C as given in Table 3.2.1.

The design engineer, who is qualified to judge the conditions of laying and operational suitability of the pipes, must decide the class of pipe to be used, in relation to the hydraulic design pressure (which must include surge overpressure) and other conditions of laying and operation he has determined.

The Engineer shall also take into account the effect of all possible external loads.

4.2.2 Couplings

The coupling shall form an integral part of the pipe and each pipe shall have one plain end and one socket-end. At the socket-end the joint shall be integrally moulded into the pipe. In order to retain the same hoop stress after belling the pipe wall shall be thickened accordingly in the vicinity of the joint. The wall thickness shall conform to the appropriate values given in Table 3.2.2 and the wall thickness of integral pipe-end sockets shall not be less than 1,5 mm or the value obtained from the following formula, whichever is the greater:

$$e \text{ (mm)} = \frac{pd}{2S-p} \text{ where}$$

d is the average inside diameter of the main body of the socket, in millimeters;

S is the design stress for MPVC pipes in kilopascals and shall be 18 000 kiloPascals;

p is the numerical value of the maximum working pressure of the pipe of which the socket forms a part, in kilopascals.

The rubber seal ring must be designed to ensure a watertight joint under low or high pressure operation. It must be a precision injection moulded ring, manufactured to the requirements of SABS 974 and it must be factory fitted with a plastic retaining ring.

4.2.3 Design Stress

A design stress of 18 MPa must be used to calculate the wall thickness, based on a 50 year strength of at least 25 MPa, giving a safety factor of 1,4.

4.2.4 Resistance to Hydrostatic Pressure (ISO /DIS 4422 Part 2)

When tested in accordance with ISO 1167, using the combinations of test temperatures and induced stresses given in Table 4.2.4, the pipe shall not fail in less than the time given. When a pipe is tested to failure at 20°C or 60°C (at a time longer than 1000 h) the mode of failure shall be of a ductile nature with signs of swelling and stress whitening. (JASWIC R 55/1994, SABS 966 Part II - Draft Specification).

Table 4.2.4 Resistance of pipes to hydrostatic pressure

Test Temperature degrees C	Induced Stress MPa	Time h
20	40	1
20	35	100
20	32	1000
60	12.5	1000

4.3 PIPE DESIGN

4.3.1 General

Buried pipelines carrying water under pressure are subjected to two main categories of loadings:

- (a) Internal pressures consisting of the known operating pressures (positive and negative) and water hammer overpressures and is dealt with by hydraulic design.
- (b) External loadings which include the mass of the backfill above the pipe and any vertical moving load, and is dealt with by the structural design.

4.3.2 Dimensions

The nominal internal diameter, external diameter, wall thickness of pipes and tolerances shall be in accordance with Tables 3.1.2 and 3.2.2 of this Specification. The effective length of the pipe, excluding the integral socket joint, shall be 6 meters unless otherwise ordered by the Employer.

4.3.3 General Appearance and Finish

Both the inner and outer surfaces of pipes shall be smooth and free from grooving, blistering and other deleterious defects. A plain end of a pipe shall be clean cut and shall be externally chamfered (at an angle of approximately 15 degrees) to half the wall thickness of the pipe. Both ends of a pipe shall be free from chips and rough edges and shall be square to the axis of the pipe.

4.3.4 Hydraulic data

Hydraulic data shall be based upon the standard Colebrook-White formula. Colebrook White's effective surface roughness k shall be as follows to provide for all local head-losses:

- k = 0,025 mm for discharge mains with a relatively small number of fittings;
- k = 0,100 mm for distribution pipelines with all types of reticulation fittings; and economic flow velocities shall be between 1 m/s and 3 m/s.

Flow velocities in excess of 1 metre / second can lead to the formation of water hammer conditions and the relevant calculations should be made in order to determine the suitability of the selected pipe pressure class.

4.3.5 Marking

The following information shall appear in legible and durable printing on each pipe at intervals of lengths not exceeding 2 m:

- (a) The manufacturer's name or trade mark
- (b) material - uPVC or MPVC as applicable
- (c) the class of pipe
- (d) the nominal size of the pipe
- (e) the batch identification

SECTION 2: PRICING SCHEDULE

Pricing instructions:

- (i) The bidder's price offer shall be valid for 90 days from the closing date of this tender, or for such extended period as may be requested by the municipality and accepted by the bidder.
- (ii) The rates and prices submitted by the bidder must be entered into the pricing schedule above.
- (iii) No deviations from the pricing schedule will be permitted, except where indicated separately in the Schedule of Variations from Goods and Services.
- (iv) The bid price must be inclusive of VAT, where the bidder is a registered VAT vendor.
- (v) VAT must be calculated at 15% in line with statutory amendments to the VAT rate.
- (vi) The prices will be escalated as per CPI index.
- (vii) Should there be a discrepancy between the total bid amount in the pricing schedule, and that in the form of offer; the price in the form of offer will take precedence. Where there is a discrepancy between the amount in figures and the amount in words, the amount in words will govern.

Negotiations with successful bidders

- Where the bid price submitted by a bidder is not market related, the municipality may not award the contract to that bidder, but may negotiate a market related price.
- If a market related price cannot be negotiated with the bidder scoring the highest points, a market related price may be negotiated with the bidder scoring the second highest points, or the negotiation team may opt to cancel the tender.
- If a market related price cannot be reached with the bidder scoring the second highest points, a market related price may be negotiated with the bidder scoring the third highest points, or the negotiation team may opt to cancel the tender.
- If a market related price cannot be reached with the bidder scoring the third highest points, the tender must be cancelled.

.....
Name of bidder

.....
Signature

.....
Bidder's stamp

.....
Date

OR TAMBO DISTRICT MUNICIPALITY

PROJECT NO: ORTDM SCMU 10-24/25

**APPOINTMENT OF A PANEL OF SUPPLIERS TO SUPPLY AND DELIVERY OF PLUMBING
MATERIALS AND EQUIPMENTS FOR 36 MONTHS (3 YEARS)**

PART 4

C4 FINANCIAL OFFER

C.4.2 PRICING SCHEDULE

APPOINTMENT OF A PANEL OF SUPPLIERS TO SUPPLY AND DELIVERY OF PLUMBING MATERIALS AND EQUIPMENTS FOR 36 MONTHS (3 YEARS)

ITEM NO	PAYMENT REFERENCE NO	ITEM DESCRIPTION NO	UNITY	QUANTITY	AMMOUNT TOTAL
1		HDPE PIPE			
	1.1	Supply and delivery of approved SABS or ISO rated; HDPE piping to a class 16			
		(a) 16 dia	roll	1	R
		(b) 20 dia	roll	1	R
		(c) 25 dia	roll	1	R
		(d) 32 dia	roll	1	R
		(e) 40 dia	roll	1	R
		(f) 50 dia	roll	1	R
		(g) 63 dia	30m roll	1	R
		(h) 75 dia	30m roll	1	R
		(i) 90 dia	30m roll	1	R
		(j) 110 dia	30m roll	1	R
		Subtotal			R
	1.2	Supply and delivery of approved SABS or ISO rated; HDPE piping to a class 20			R
		(a) 16 dia	roll	1	R
		(b) 20 dia	roll	1	R
		(c) 25 dia	roll	1	R
		(d) 32 dia	roll	1	R
		(e) 40 dia	roll	1	R
		(f) 50 dia	roll	1	R
		(g) 63 dia	30m roll	1	R
		(h) 75 dia	30m roll	1	R
		(i) 90 dia	30m roll	1	R
		(j) 110 dia	30m roll	1	R
		Subtotal			R
	1.3	Supply and delivery of approved SABS or ISO rated; HDPE fittings: Male Adaptors (Unidelta)			
		(a) 110mm	ea	1	R
		(b) 90mm	ea	1	R
		(c) 75mm	ea	1	R
		(d) 63mm	ea	1	R
		(e) 50mm	ea	1	R
		(f) 40mm	ea	1	R

		(g) 32mm	ea	1	R
		(h) 25mm	ea	1	R
		(i) 20mm	ea	1	R
		(j) 15mm	ea	1	R
		Subtotal			R
	1.4	Supply and delivery of approved SABS or ISO rated; HDPE fittings: Straight Coupling (Unidelta)			
		(a) 110mm	ea	1	R
		(b) 90mm	ea	1	R
		(c) 75mm	ea	1	R
		(d) 63mm	ea	1	R
		(e) 50mm	ea	1	R
		(f) 40mm	ea	1	R
		(g) 32mm	ea	1	R
		(h) 25mm	ea	1	R
		(i) 20mm	ea	1	R
		(j) 15mm	ea	1	R
		Subtotal			R
	1.5	Supply and delivery of approved SABS or ISO rated; HDPE fittings: Female Adaptor (Unidelta)			
		(a) 110mm	ea	1	R
		(b) 90mm	ea	1	R
		(c) 75mm	ea	1	R
		(d) 63mm	ea	1	R
		(e) 50mm	ea	1	R
		(f) 40mm	ea	1	R
		(g) 32mm	ea	1	R
		(h) 25mm	ea	1	R
		(i) 20mm	ea	1	R
		(j) 15mm	ea	1	R
		Subtotal			R
	1.6	Supply and delivery of approved SABS or ISO rated; HDPE fittings: Tee (Unidelta)			
		(a) 110mm	ea	1	R
		(b) 90mm	ea	1	R
		(c) 75mm	ea	1	R
		(d) 63mm	ea	1	R
		(e) 50mm	ea	1	R
		(f) 40mm	ea	1	R
		(g) 32mm	ea	1	R
		(h) 25mm	ea	1	R
		(i) 20mm	ea	1	R
		(j) 15mm	ea	1	R
		Subtotal			R

2		UPVC PIPE			
	2.1	Supply and delivery of approved SABS or ISO rated; UPVC piping class 12			
		(a) 32 dia	6m length		R
		(a) 40 dia	6m length	1	R
		(b)50 dia	6m length	1	R
		(c) 63 dia	6m length	1	R
		(d) 75 dia	6m length	1	R
		(e) 90 dia	6m length	1	R
		(f) 110 dia	6m length	1	R
		(g) 125 dia	6m length	1	R
		(h) 160 dia	6m length	1	R
		(i) 200 dia	6m length	1	R
		(j) 315 dia	6m length	1	R
		(k) 400 dia	6m length	1	R
		(l) 405 dia	6m length	1	R
		(m) 455 dia	6m length	1	R
		(n) 605 dia	6m length	1	R
		(k) 800 dia	6m length	1	R
Subtotal					R
	2.2	Supply and delivery of approved SABS or ISO rated; UPVC piping class 16			
		(a) 32 dia	6m length	1	R
		(b) 40 dia	6m length	1	R
		(c) 50 dia	6m length	1	R
		(d) 63 dia	6m length	1	R
		(e) 75 dia	6m length	1	R
		(f) 90 dia	6m length	1	R
		(g) 110 dia	6m length	1	R
		(h) 125 dia	6m length	1	R
		(i) 140 dia	6m length	1	R
		(j) 160 dia	6m length	1	R
		(k) 200 dia	6m length	1	R
		(l) 250 dia	6m length	1	R
		(m) 315 dia	6m length	1	R
		(n) 355 dia	6m length	1	R
		(o) 400 dia	6m length	1	R
		(p) 405 dia	6m length	1	R
		(Q) 605 dia	6m length	1	R
		(R) 800 dia	6m length	1	R
Subtotal					R
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Subtotal					R

	2.2	Supply and delivery of approved SABS or ISO rated; UPVC piping class 20			
		(a) 40 dia	6m length	1	R
		(b)50 dia	6m length	1	R
		(c) 63 dia	6m length	1	R
		(d) 75 dia	6m length	1	R
		(e) 90 dia	6m length	1	R
		(f) 110 dia	6m length	1	R
		(g) 125 dia	6m length	1	R
		(h) 160 dia	6m length	1	R
		(i) 200 dia	6m length	1	R
		(j) 315 dia	6m length	1	R
		(k) 400 dia	6m length	1	R
		(h) 160 dia	6m length	1	R
		(i) 200 dia	6m length	1	R
		(j) 315 dia	6m length	1	R
		(k) 400 dia	6m length	1	R
		(l) 605 dia	6m length	1	R
		(m) 800 dia	6m length	1	R
Subtotal					R
		MPVC PIPE			
	3.2	Supply and delivery of approved SABS or ISO rated; MPVC piping class 25			
		(a) 40 dia	6m length	1	R
		(b)50 dia	6m length	1	R
		(c) 63 dia	6m length	1	R
		(d) 75 dia	6m length	1	R
		(e) 90 dia	6m length	1	R
		(f) 110 dia	6m length	1	R
		(g) 125 dia	6m length	1	R
		(h) 160 dia	6m length	1	R
		(i) 200 dia	6m length	1	R
		(j) 315 dia	6m length	1	R
		(k) 400 dia	6m length	1	R
Subtotal					R
4		Plasson Fittings			
	4.1.	SINGLE SADDLES (PN 16)			
		Supply and delivery of approved SABS or ISO rated; saddles blue and black coding			
		(f) 110 x 2" dia	ea	1	R
		(g) 125 x 2" dia	ea	1	R
		(h) 160 x 2" dia	ea	1	R
		(i) 200 x 2" dia	ea	1	R
Subtotal					R

		Supply and delivery of Plasson Compression fittings SABS or ISO approved; blue and black coding for saddles			
		SINGLE SADDLES (PN 16)			R
	4.1.2	(a) 20 x 1 "	ea	1	R
		(b) 25 x 1"	ea	1	R
		(c) 33 x 1"	ea	1	R
		(d) 50 x 1"	ea	1	R
		(e) 63 x 1"	ea	1	R
		(g) 75 x 1"	ea	1	R
		(h) 90 x 1"	ea	1	R
		(i) 110 x 1"	ea	1	R
		(j) 125 x 1"	ea	1	R
		(k) 160 x 1"	ea	1	R
		(l) 200 x 1"	ea	1	R
Subtotal					R
	4.1.3	DOUBLE SADDLES (PN 16)			
		Supply and delivery of approved SABS or ISO rated; saddles blue and black coding			
		(a) 75 dia	ea	1	R
		(b) 90 dia	ea	1	R
		(c) 110 dia	ea	1	R
Subtotal					R
5	5.1.1	COMPRESSION FEETINGS (PN 16) Supply and delivery of Plasson Compression Couplings SABS or ISO approved; blue and black coding			
		Plasson straight coupling			
		(a) 20 dia	ea	1	R
		(b) 25 dia	ea	1	R
		(c) 32 dia	ea	1	R
		(d) 40 dia	ea	1	R
		(e) 50 dia	ea	1	R
		(f) 63 dia	ea	1	R
		(g) 90 dia	ea	1	R
		(h) 110 dia	ea	1	R
		(i) 160 dia	ea	1	R
Subtotal					R
	5.1.2	Supply and delivery of Plasson Compression fittings SABS or ISO approved; blue and black coding for Plasson Female Adapters			
		(a) 20x15 dia - 72 -	ea	1	R
		(b) 20 x 20 dia	ea	1	R
		(c) 25x20 dia	ea	1	R
		(d) 25 x 25 dia	ea	1	R

	(e) 32x25 dia	ea	1	R
	(f) 32 x 32 dia	ea	1	R
	(g) 32x25 dia	ea	1	R
	(h) 40x32 dia	ea	1	R
	(i) 40 x 40 dia	ea	1	R
	(j) 50 x 50 dia	ea	1	R
	(k) 50x75 dia	ea	1	R
	(l) 50x90 dia	ea	1	R
	(m) 50x110 dia	ea	1	R
	(n) 63 X 63 dia	ea	1	R
	(o) 75 X 75 dia	ea	1	R
	(p) 90 X 90 dia	ea	1	R
	(q) 100x63 dia	ea	1	R
	(r) 100x50 dia	ea	1	R
	(s) 100x40 dia	ea	1	R
	(t) 100x32 dia	ea	1	R
	(u) 100x25 dia	ea	1	R
	(v) 100x20 dia	ea	1	R
	(w) 110 X 90 dia	ea	1	R
	(x) 110 X 110 dia	ea	1	R

Subtotal R

	5.1.3	Supply and delivery of Plasson Compression fittings SABS or ISO approved; blue and black coding for Plasson Male Adapters			
		(a) 20 x 20 dia	ea	1	R
		(b) 25 x 20 dia	ea	1	R
		(c) 25 X 25 dia	ea	1	R
		(d) 32 x 25 dia	ea	1	R
		(e) 32 X 32 dia	ea	1	R
		(f) 40 x 32 dia	ea	1	R
		(g) 40 X 40 dia	ea	1	R
		(h) 50 x 40 dia	ea	1	R
		(i) 50 X 50 dia	ea	1	R
		(j) 50x75 dia	ea	1	R
		(k) 50x90 dia	ea	1	R
		(l) 50x110 dia	ea	1	R
		(m) 63 x 50 dia	ea	1	R
		(n) 63 X 63 dia	ea	1	R
		(o) 75 X 63 dia	ea	1	R
		(p) 75 X 75 dia	ea	1	R
		(q) 90 X 75 dia	ea	1	R
		(r) 90 X 90 dia	ea	1	R
		(s) 100x63 dia	ea	1	R
		(t) 100x50 dia	ea	1	R
		(u) 100x40 dia	ea	1	R
		(v) 100x32 dia	ea	1	R
		(w) 100x25 dia	ea	1	R
		(x) 100x20 dia	ea	1	R

		(y) 110 X 90 dia	ea	1	R
		(z) 110 X 110 dia	ea	1	R
Subtotal					R
	5.1.4	Supply and delivery of Plasson Compression fittings SABS or ISO approved; blue and black coding for Plasson Reducing Coupling			
		(a) 20 - 16 dia	ea	1	R
		(b) 25 - 20 dia	ea	1	R
		(c) 32 - 20 dia	ea	1	R
		(d) 32 - 25 dia	ea	1	R
		(e) 40 - 25 dia	ea	1	R
		(d) 40 - 32 dia	ea	1	R
		(e) 50 - 32 dia	ea	1	R
		(f) 50 - 40 dia	ea	1	R
		(g) 63 - 40 dia	ea	1	R
		(h) 63 - 50 dia	ea	1	R
		(i) 75 - 50 dia	ea	1	R
		(j) 75 - 63 dia	ea	1	R
		(k) 90 - 63 dia	ea	1	R
		(l) 90 - 75 dia	ea	1	R
		(m) 110 - 90 dia	ea	1	R

Subtotal					R
	5.1.5	Supply and delivery of Plasson fittings SABS or ISO approved : Plasson Reducing Tee			
		(b) 25 x 20 dia	ea	1	R
		(c) 32 x 25 dia	ea	1	R
		(d) 40 x 32 dia	ea	1	R
		(e) 50 x 40 dia	ea	1	R
		(f) 63 x 50 dia	ea	1	R
		(g) 75 x 63 dia	ea	1	R
		(h) 90 x 75 dia	ea	1	R
		(i) 110 x 90 dia	ea	1	R

Subtotal					R
	5.1.6	Supply and delivery of Plasson 90° Equal Elbow SABS or ISO approved; blue and black coding			
		(a) 20 dia	ea	1	R
		(b) 25 dia	ea	1	R
		(c) 32 dia	ea	1	R
		(d) 40 dia	ea	1	R
		(e) 50 dia	ea	1	R
		(f) 63 dia	ea	1	R
		(g) 75 dia	ea	1	R
		(h) 90 dia	ea	1	R
		(i) 110 dia	ea	1	R
Subtotal					R

	5.1.7	Supply and delivery of VJ Coupling SABs or ISO approved			
		(a) 600 - 620mm	ea	1	R
		(b) 550-570mm	ea	1	R
		(c) 450 - 470mm	ea	1	R
		(d) 250 - 264mm	ea	1	R
		(e) 315 - 328mm	ea	1	R
		(f) 550 - 630mm	ea	1	R
		(g) 426 - 436mm	ea	1	R
		(h) 344 - 360mm	ea	1	R
		(i) 109 - 128mm	ea	1	R
		(j) 98 - 118mm	ea	1	R
		(k) 74 - 90mm	ea	1	R
		(l) 72 - 85mm	ea	1	R
		(m) 235 - 252mm	ea	1	R
		(n) 160 - 170mm	ea	1	R
		(o) 40 - 50mm	ea	1	R
		(p) 88 - 103mm	ea	1	R
		(q) 132 - 154mm	ea	1	R
		(r) 159 - 182mm	ea	1	R
		(s) 150 - 170mm	ea	1	R
		(v) 577 - 587mm	ea	1	R
		(w) .(a) 600 - 614mm	ea	1	R
	5.1.7.1	(b) 59-73mm	ea	1	R
		(c) 72-85mm	ea	1	R
		(d) 74-90mm	ea	1	R
		(e) 88-103mm	ea	1	R
		(g) 108-128mm	ea	1	R
		(k) 192-209mm	ea	1	R
		(l) 218-235mm	ea	1	R
		(m) 235-252mm	ea	1	R
		(n) 271-289mm	ea	1	R
		(o) 286-304mm	ea	1	R
		(p) 302-318mm	ea	1	R
		(q) 315-332m	ea	1	R
		(r) 334-350mm	ea	1	R
		(s) 344-360mm	ea	1	R
		(t) 374-391mm	ea	1	R
		(u) 391-407mm	ea	1	R
		(v) 417-437mm	ea	1	R
		(w) 444-460mm	ea	1	R
		(x) 477-493mm	ea	1	R
		(y) 494-510mm	ea	1	R
		(z). (a) 518-534mm	ea	1	R
	5.1.7.2	(b) 556-572mm	ea	1	R
		(c) 600-614mm	ea	1	R
		(d) 630-650mm	ea	1	R
		(e) 700-74mm	ea	1	R
		(f) 700-784mm	ea	1	R
		(g) 700-816mm	ea	1	R

			Subtotal		R
	5.1.8	Supply and delivery of Stepped VJ Coupling SABS or ISO approved			
		(a) C368:C401109 - 188mm	ea	1	R
		(b) 150 - 110mm	ea	1	R
		(c) 150 - 170mm	ea	1	R
		(d) 48-58x72-85mm	ea	1	R
		(e) 59-73x88-103mm	ea	1	R
		(f) 59-78x108-128mm	ea	1	R
		(g) 72-85x88-103	ea	1	R
		(h) 72-85x108-128mm	ea	1	R
		(i) 74-90x88-103mm	ea	1	R
		(j) 74-90x108-128mm	ea	1	R
		(k) 88-103x98-118mm	ea	1	R
		(l) 88-103x132-154mm	ea	1	R
		(m) 98-118x108-128mm	ea	1	R
		(n) 108-128x132-154mm	ea	1	R
		(o) 132-154x159-182mm	ea	1	R
		(p) 132-154x192-209mm	ea	1	R
		(q) 150-170x192-209mm	ea	1	R
		(r) 150-170x192-209mm	ea	1	R
		(s) 159-182x192-209mm	ea	1	R
		(t) 159-182x218-235mm	ea	1	R
		(u) 180-194x192-209mm	ea	1	R
		(v) 180-194x218-235mm	ea	1	R
		(w) 192-209x215-235mm	ea	1	R
	5.1.8.1	(a) 205-222x235-252mm	ea	1	R
		(b) 218-235x260-274mm	ea	1	R
		(c) 218-235x271-289mm	ea	1	R
		(d) 235-252x250-267mm	ea	1	R
		(e) 235-252x271-289mm	ea	1	R
		(f) 235-252x315x332mm	ea	1	R
		(g) 250-267x286-304mm	ea	1	R
		(h) 250-267x315-332mm	ea	1	R
		(i) 260-274x315-332mm	ea	1	R
		(j) 271-289x315-332mm	ea	1	R
		(k) 286-304x302-318mm	ea	1	R
		(l) 286-304x315-332mm	ea	1	R
		(m) 302-318x315-332mm	ea	1	R
		(n) 302-318x344-360mm	ea	1	R
		(o) 315-332x374-360mm	ea	1	R
		(p) 315-332x374-391mm	ea	1	R
		(q) 344-360x391-407mm	ea	1	R
		(c) 344-360x417-437mm	ea	1	R
		(s) 344-360x417-437mm	ea	1	R
		(o) 344-360x444-460mm	ea	1	R
		(t) 391-407x417-437mm	ea	1	R
		(u) 391-407x444-460mm	ea	1	R
		(v) 391-407x494-510mm	ea	1	R
		(a) 401-417x444-460mm	ea	1	R

		(b) 417-437x444-460mm	ea	1	R
		(c)417-437x494-510mm	ea	1	R
		(d) 444-460x458-474mm	ea	1	R
		(e)444-460x494-510mm	ea	1	R
		(f) 494-510x528-534mm	ea	1	R
		(g) 600-614x611-624mm	ea	1	R
		(h) 711-738mm	ea	1	R
Subtotal					R
	5.1.9	Supply and delivery of Short Collars Class 16 SABS or ISO approved			
		(a) 800mm	ea	1	R
		(b) 600mm	ea	1	R
		© 450mm	ea	1	R
		(d) 400mm	ea	1	R
		(e) 350mm	ea	1	R
		(f) 300mm	ea	1	R
		(g) 250mm	ea	1	R
		(h) 150mm	ea	1	R
		(j) 140mm	ea	1	R
		(k) 125mm	ea	1	R
		(l)100mm	ea	1	R
		(m) 90mm	ea	1	R
		(n) 50mm	ea	1	R
		(o) 63mm	ea	1	R
		(p) 50mm	ea	1	R
Subtotal					R
	5.1.10	Supply and delivery of Plasson Male End plug SABS or ISO approved			
		(a) 20 dia	ea	1	R
		(b) 25 dia	ea	1	R
		(c) 32 dia	ea	1	R
		(d) 40 dia	ea	1	R
		(e) 50 dia	ea	1	R
		(f) 63 dia	ea	1	R
		(g) 75 dia	ea	1	R
		(h) 90 dia	ea	1	R
		(i) 110 dia	ea	1	R
Subtotal					R
6		PVC REPAIR FITTINGS			
	6.1.1	Supply and delivery of PVC Repair Couplings SABS or ISO approved; blue and black coding			
		(a) 40 mm dia	ea	1	R
		(b) 50mm dia	ea	1	R
		(c) 63 dia	ea	1	R
		(b) 75 dia	ea	1	R
		(d) 90 dia	ea	1	R
		(e) 110 dia	ea	1	R
		(f) 125 dia	ea	1	R

		(g) 160 dia	ea	1	R
		(h) 200 dia	ea	1	R
Subtotal					R
	6.1.2	Supply and delivery of PVC Male Adaptor SABS or ISO approved; blue and black coding			
		(a) 20 x 20 dia	ea	1	R
		(b) 25 x 20 dia	ea	1	R
		(c) 25 X 25 dia	ea	1	R
		(d) 32 x 25 dia	ea	1	R
		(e) 32 X 32 dia	ea	1	R
		(f) 40 x 32 dia	ea	1	R
		(g) 40 X 40 dia	ea	1	R
		(h) 50 x 40 dia	ea	1	R
		(i) 50 X 50 dia	ea	1	R
		(j) 50x75 dia	ea	1	R
		(k) 50x90 dia	ea	1	R
		(l) 50x110 dia	ea	1	R
		(m) 63 x 50 dia	ea	1	R
		(n) 63 X 63 dia	ea	1	R
		(o) 75 X 63 dia	ea	1	R
		(p) 75 X 75 dia	ea	1	R
		(q) 90 X 75 dia	ea	1	R
		(r) 90 X 90 dia	ea	1	R
		(s) 100x50 dia	ea	1	R
		(t) 100x40 dia	ea	1	R
		(u) 100x32 dia	ea	1	R
		(v) 100x25 dia	ea	1	R
		(w) 100x20 dia	ea	1	R
		(x) 110 X 90 dia	ea	1	R
		(y) 110 X 110 dia	ea	1	R
		(z) 125 X 125 mm dia	ea	1	R
		(aa) 160 X 160 mm dia	ea	1	R
		(ab) 200 X 200 mm dia	ea	1	R
Subtotal					
	6.1.3	Supply and delivery of PVC Female Adaptor SABS or ISO approved; blue and black coding			
		(a) 40 X 40 mm dia	ea	1	R
		(b) 50 X 50 mm dia	ea	1	R
		(c) 63 X 63 mm dia	ea	1	R
		(b) 75 X 75 mm dia	ea	1	R
		(d) 90 X 90 mmdia	ea	1	R
		(e) 110 X 110 mm dia	ea	1	R
		(f) 125 X 125 mm dia	ea	1	R
		(g) 160 X 160 mm dia	ea	1	R
		(h) 200 X 200 mm dia	ea	1	R
Subtotal					R

	6.1.4	Supply and delivery of Fire Hydrants and Fitting SABS or ISO approved			R
		Hydrant Stand	ea	1	R
		Fire Hydrant Valve	ea	1	R
		Fire Hydrant Heads	ea	1	R
Subtotal					
	6.1.5	Supply and delivery of Water Meters SABS or ISO approved			
		15mm	ea	1	R
		20mm	ea	1	R
		25mm	ea	1	R
		32mm	ea	1	R
		40mm	ea	1	R
		150mm	ea	1	R
		200mm	ea	1	R
Subtotal					R
	6.1.5	EQUIPMENT			
		(a)Generator	ea	1	R
		(b)Bosh Drill	ea	1	R
		(c)Extension Cord (25m×4.0mm)	ea	1	R
		(d)Jack hammer	ea	1	R
		(e)6m step ladder	ea	1	R
		(f)Peaks	ea	1	R
		(g)Shovels	ea	1	R
		(h)Wheelbarrow	ea	1	R
		(i)Steel Disc	ea	1	R
		(j)Concrete Disc	ea	1	R
		(k)4mm to 16mm Steel Bits	ea	1	R
		(l)4mm to 16mm concrete bits	ea	1	R
		(m)Hack saw Blades	ea	1	R
		(n)Steel rods	ea	1	R
		(o)Concrete Disc grinder 230mm	ea	1	R
		(p)Steel Disc 230mm	ea	1	R
		(q)Nylon cutter roll	ea	1	R
		(r)Grass cutting machine (husqarvanar/still)	ea	1	R
		(t) 24"Pipe Wrench	ea	1	R
		(s) 36"Pipe Wrench	ea	1	R
		(u) Complete Set of Plumbing tool Box	ea	1	R
		(v)2 Stroke brake oil	ea	1	R
Subtotal					R
7	7.1.1	SEWER PIPES			
		Supply maincore multi-layer sewer and drain pipes (Maincore 100 kpa)			
		(a) 110 dia	6m	1	R
Subtotal					R
Subtotal					R
	7.1.2	Supply maincore multi-layer sewer and drain pipes (Maincore 200 kpa)			

		(a) 110 dia	6m	1	R
Subtotal					R
	7.1.3	Supply maincore multi-layer sewer and drain pipes (Maincore 400 kpa)			
		(a) 110 dia	6m	1	R
		(b) 160 dia	6m	1	R
		(c) 200 dia	6m	1	R
		(d) 250 dia	6m	1	R
Subtotal					R
	7.1.4	Supply Heavy duty 300 Kpa Supradur Solid wall Sewer pipes (class 34)			R
		(a) 110 dia	6m	1	R
		(b) 160 dia	6m	1	R
		(c) 200 dia	6m	1	R
		(d) 250 dia	6m	1	R
		(d) 315 dia	6m	1	R
		(e) 355 dia	6m	1	R
		(f) 400 dia	6m	1	R
		(g) 500 dia	6m	1	R
Subtotal					R
	7.1.5	Supply and Delivery of SABS approved sewage fittings			R
		(a) Water Cistern	ea	1	R
		(b)110mm Gully head	ea	1	R
		(c)110mm Gully trap	ea	1	R
		(d) 110mm Sewer bend white surface	ea	1	R
		(e) 110mm sewer bend yellow underground	ea	1	R
		(f)110 sewer socket yellow underground	ea	1	R
		(g) 160X45mm white surface	ea	1	R
		(h) 160X45mm yellow underground surface	ea	1	R
		(i)110 sewer socket white surface	ea	1	R
		(j) Heavy duty Sewer drain rods	ea	1	R
		(k) 150mm Rubber plug	ea	1	R
		(l) 110mm Rubber plug	ea	1	R
		(m) 110 Bora	ea	1	R
		(n) 160mm Bora	ea	1	R
		(p)Rod Handle	ea	1	R
		(q)110mmBora	ea	1	R
		(r) Plungers	ea	1	R
		(s) Crusher dust load	ea	1	R
		(t) 5L pipe lubricant	ea	1	R
		(u) standpipe complete	ea	1	R
		(v) 100mm perrot male fitting	ea	1	R
		(w) 100mm perrot female fitting	ea	1	R
		(x) water pump ETP75	ea	1	R
		(y) water pump ETP100	ea	1	R

	7.1.5.1	(a) water pump ETP150	ea	1	R
		(b) 75mm layflat pipe P/M	ea	1	R
		(c) 100mm layflat pipe P/M	ea	1	R
		(d) 150mm layflat pipe P/m	ea	1	R
		(e) 75mm suction hose P/M	ea	1	R
		(f) 100mm suction hose P/M	ea	1	R
		(g) 150mm suction hose P/M	ea	1	R
		(h) 110mm 6m drainage pipe	ea	1	R
		(i) 30mm bidem blanket	ea	1	R
		(j) 22mm x 100m white composite pipe	ea	1	R
		(k)15mm x 100m white composite pipe	ea	1	R
		(l) cast iron manhole lid & frame round	ea	1	R
		(m) cast iron manhole lid & frame square	ea	1	R
		(n) concrete manhole ring 1m x 250	ea	1	R
		(o) concrete manhole ring 1.5m x500	ea	1	R
		(p) concrete slab 1.5m	ea	1	R
		(q) concret slab 1m	ea	1	R
		(r) concrete lid	ea	1	R
		(s) 1.5x1.5 galv. Fabricated manhole cover H/D lockable	ea	1	R
		(t) 1x1m golv. Fabricated manhole cover H/D lockable	ea	1	R
		(u) 800x800m galv.Fabricated manhole cover H/D lockable	ea	1	R
		(v) 50mm bablem valve	ea	1	R
		(w) tank stand	ea	1	R
		(x) 2500L water tank	ea	1	R
Subtotal					R
8		Galvanized pipes			
	8.1.1	Supply and delivery of approved SABS or ISO rated Galvanized piping to the following 6 meter lengths			R
		(a) 25 dia	ea	1	R
		(b) 32 dia	ea	1	R
		(c) 40 dia	ea	1	R
		(d) 50 dia	ea	1	R
		(e) 65 dia	ea	1	R
		(f) 80 dia	ea	1	R
		(g) 100 dia	ea	1	R
		(h) 150 mm dia	ea	1	R
		(i) 200 mm dia	ea	1	R
Subtotal					R
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	8.2.1	Galvanized pipe fittings			

		Supply and delivery of Galvanized fittings SABS or ISO approved : Galvanized Sockets			
		(a) 20 mm sockets	ea	1	R
		(b) 32 mm sockets	ea	1	R
		(c) 40 mm sockets	ea	1	R
		(d) 50 mm sockets	ea	1	R
		(e) 65 mm sockets	ea	1	R
		(f) 80mm sockets	ea	1	R
		(g) 100 mm sockets	ea	1	R
Subtotal					R
	8.2.2	Supply and delivery of Galvanized fittings SABS or ISO approved : Galvanized Union Sockets			
		(a) 20 mm Union Sockets	ea	1	R
		(b) 25 mm Union Sockets	ea	1	R
		(c) 32 mm Union Sockets	ea	1	R
		(d) 40 mm Union Sockets	ea	1	R
		(e)50 mm Union Sockets	ea	1	R
		(f) 65 mm Union Sockets	ea	1	R
		(g) 80 mm Union Sockets	ea	1	R
		(h) 100 mm Union Sockets	ea	1	R
Subtotal					R
	8.2.3	Supply and delivery of Galvanized fittings SABS or ISO approved : Galvanized 90° elbows (Threaded F/F sockets)			
		(a) 20 mm	ea	1	R
		(b) 25 mm	ea	1	R
		(c) 32 mm	ea	1	R
		(d) 40 mm	ea	1	R
		(e)50 mm	ea	1	R
		(f) 65 mm	ea	1	R
		(g) 80 mm	ea	1	R
		(h) 100 mm	ea	1	R
Subtotal					R
	8.2.4	Supply and delivery of Galvanized fittings SABS or ISO approved : Galvanized 90° elbows (Threaded m/m)			
		(a) 20 mm	ea	1	R
		(b) 25 mm	ea	1	R
		(c) 32 mm	ea	1	R
		(d) 40 mm	ea	1	R
		(e)50 mm	ea	1	R
		(f) 65 mm	ea	1	R
		(g) 80 mm	ea	1	R
		(h) 100 mm	ea	1	R
Subtotal					R

9		ACCESSORIES			
	9.1	Supply and delivery of Accessories with SABS or ISO approved; blue and black coding			
		(a) Galvanized Backing Ring 50 mm	ea	1	R
		(b) Galvanized Backing Ring 63 mm	ea	1	R
		(c) Galvanized Backing Ring 75 mm	ea	1	R
		(d) Galvanized Backing Ring 90 mm	ea	1	R
		(e) Galvanized Backing Ring 110 mm	ea	1	R
		(f) Galvanized Backing Ring 125 mm	ea	1	R
		(g) Galvanized Backing Ring 160 mm	ea	1	R
		(h) Galvanized Backing Ring 200 mm	ea	1	R
		(i) Galvanized Backing Ring 250 mm	ea	1	R
		(j) Galvanized Backing Ring 315 mm	ea	1	R
Subtotal					R
	9.2	Supply and delivery of Accessories with SABS or ISO approved; blue and black coding			
		(a) Gaskets for QRD Stub 50 mm	ea	1	R
		(b) Gaskets for QRD Stub 63 mm	ea	1	R
		(c) Gaskets for QRD Stub 75 mm	ea	1	R
		(d) Gaskets for QRD Stub 90 mm	ea	1	R
		(e) Gaskets for QRD Stub 110 mm	ea	1	R
		(f) Gaskets for QRD Stub 160 mm	ea	1	R
		(g) Gaskets for QRD Stub 200 mm	ea	1	R
Subtotal					R
	9.3	Supply and delivery of Accessories with SABS or ISO approved; blue and black coding			
		(a) Bolts and Nuts for Backing Rings M16 X 60	ea	1	R
		(b) Bolts and Nuts for Backing Rings M16 X 70	ea	1	R
		(c) Bolts and Nuts for Backing Rings M16 X 80	ea	1	R
		(c) Bolts and Nuts for Backing Rings M16 X 115	ea	1	R
		(c) Bolts and Nuts for Backing Rings M16 X 125	ea	1	R
Subtotal					R
10		Supply and delivery of Brass fittings SABS or ISO approved : gate valve			R
	10.1	(a) 25 dia	ea	1	R
		(b) 32 dia	ea	1	R
		(c) 40 dia	ea	1	R
		(d) 50 dia	ea	1	R
		(e) 65 dia	ea	1	R
		(f) 75 dia	ea	1	R
Subtotal					R

	10.2	Supply and delivery of Brass fittings SABS or ISO approved : Brass BB Tap: Heavy Duty			R
		(a) 20 dia	ea	1	R
		(b) 20 dia PVC Tap	ea	1	R
Subtotal					R
	10.3	Supply and delivery of Brass fittings SABS or ISO approved : Dole Valve			R
		(a) 20 dia	ea	1	R
Subtotal					
					TOTAL
	10.4	Supply and delivery of Brass fittings SABS or ISO approved : None Return Valve: Flap Gate			R
		(a) 25 dia	ea	1	R
		(b) 40 dia	ea	1	R
		(c) 50 dia	ea	1	R
		(d) 65 dia	ea	1	R
Subtotal					R
	10.5	Supply and delivery of Brass fittings SABS or ISO approved : Brass Float Valve & Ball			
		(a) 25 dia	ea	1	R
		(b) 40 dia	ea	1	R
		(c) 50 dia	ea	1	R
Subtotal					R
	10.6	Balam valve			
		(a) 20 mm dia	ea	1	R
		(b) 25 mm dia	ea	1	R
		(c)32 mm dia	ea	1	R
		(d) 40 mm dia	ea	1	R
		(e) 50 mm dia	ea	1	R
Subtotal					R
	10.7	Supply and delivery of Galvanised fittings SABS or ISO approved : Galvanised Elbow 90 degrees			R
		(a) 20 dia	ea	1	R
		(b) 32 dia	ea	1	R
		(c) 50 dia	ea	1	R
Subtotal					R
	10.8	Supply and delivery of Brass fittings SABS or ISO approved : Klambon Coupling			
		(a) 25 dia	ea	1	R
		(b) 32 dia	ea	1	R
		(c) 40 dia	ea	1	R
		(d) 50 dia	ea	1	R
		(e) 65 dia	ea	1	R

					Subtotal	R
11		Supply and delivery of fittings SABS or ISO approved : Galvanised Pipe TEE (100 mm long)				R
	11.1	(a) 25 dia	ea	1		R
		(b) 32 dia	ea	1		R
		(c) 40 dia	ea	1		R
		(d) 50 dia	ea	1		R
		(e) 65 dia	ea	1		R
		(f) 80 dia	ea	1		R
					Subtotal	R
	11.2	Supply and delivery of Galvanised Pipe TEE , SABS or ISO approved :				
		(a) 20 dia X 1000 mm	ea	1		R
		(b) 25 dia X 1000 mm	ea	1		R
		(c) 40 dia X 1000 mm	ea	1		R
		(d) 50 dia X 1000 mm	ea	1		R
					Subtotal	R
	11.3	Supply and delivery of galvanized SABS or ISO approved : Galvanized Reducing Socket				
		(a) 32 x 25 dia	ea	1		R
		(b) 40 x 32 dia	ea	1		R
		(c) 50 x 40 dia	ea	1		R
		(d) 65 x 50 dia	ea	1		R
		(e) 80 X 65 dia	ea	1		R
					Subtotal	R
	11.4	Supply and delivery of Galvanised fittings SABS or ISO approved : Galvanised Reducing Bush				
		(a) 32 x 25 dia	ea	1		R
		(b) 40 x 32 dia	ea	1		R
		(c) 50 x 40 dia	ea	1		R
		(d) 65 X 50 dia	ea	1		R
		(e) 80 X 65 dia	ea	1		R
					Subtotal	R
	11.5	Supply and delivery of Galvanised fittings SABS or ISO approved : Galvanised Equal Tee				R
		(a) 20 dia	ea	1		R
		(b) 32 dia	ea	1		R
		(c) 40 dia	ea	1		R
		(d) 50 dia	ea	1		R
		(e) 65 dia	ea	1		R
					Subtotal	R
	11.6	Supply and delivery of Galvanised fittings SABS or ISO approved : Galvanised Reducing Tee				
		(a) 20 x 15 dia	ea	1		R

		(b) 25 x 20 dia	ea	1	R
		(c) 32 x 25 dia	ea	1	R
		(d) 40 x 32 dia	ea	1	R
		(e) 50 x 40 dia	ea	1	R
Subtotal					R
	11.7	Supply and delivery of Galvanised fittings SABS or ISO approved : Galvanised Nipple			R
		(a) 20 dia	ea	1	R
		(b) 32 dia	ea	1	R
		(c) 40 dia	ea	1	R
		(d) 50 dia	ea	1	R
Subtotal					R
12	12.1	Supply and delivery of Brass fittings SABS or ISO approved : Rainger coupling			
		(a) 65 -75 dia	ea	1	R
		(b) 75- 110 dia	ea	1	R
		(c) 110-160 dia	ea	1	R
		(d) 110 -159 dia	ea	1	R
		(e) 159-209 dia	ea	1	R
		(f) 209-410 dia	ea	1	R
Subtotal					R
	12.2	Supply and delivery of Galvanized fittings SABS or ISO approved : Plugs (Male stop end)			
		(a) 15 dia	ea	1	R
		(b) 20 dia	ea	1	R
		(c) 25 dia	ea	1	R
		(d) 32 dia	ea	1	R
		(e) 40 dia	ea	1	R
		(f) 50 dia	ea	1	R
		(g) 65 dia	ea	1	R
		(h) 80 dia	ea	1	R
Subtotal					R
13	13.1	Supply and delivery of Copper Fittings SABS approved; Adapters with Male thread			
		(a) 15 dia	ea	1	R
		(b) 22dia	ea	1	R
Subtotal					R
	13.2	Supply and delivery of Copper Fittings SABS approved; Adapters with Female thread			
		(a) 22 x 15 dia	ea	1	R
		(b) 15 X 15 dia	ea	1	R
		(c) 22 x 22 dia	ea	1	R
Subtotal					R

	13.3	Supply and delivery of Copper Fittings SABS approved; Male Straight Coupling			
		(a) 15 dia	ea	1	R
		(b) 22 dia	ea	1	R
Subtotal					R
	13.4	Supply and delivery of Copper Bends SABS approved;			
		(a) 22mm	ea	1	R
		(b) 15 mm	ea	1	R
Subtotal					R
	13.5	Supply and delivery of Copper Fittings SABS approved; Adapters with Female/ Female Bend			R
		(a) 22 mm	ea	1	R
		(a) 15 mm	ea	1	R
Subtotal					R
	13.6	Supply and delivery of Copper Fittings SABS approved; Female Straight Coupling			
		(a) 15 dia	ea	1	R
		(b) 22 dia	ea	1	R
Subtotal					R
14		Supply and delivery of Polly Corp pipe SABS approved			
		(a) 15 dia	ea	1	R
		(b) 22 dia	ea	1	R
Subtotal					R
15		Aggregates Sand			
	15.1	(a) Sand - fine	m3	1	R
		(b) Sand -coarse	m3	1	R
		(c) Isabhunge			R
Subtotal					R
	15.2	Stone (Hard igneous rocks, soft milestones and sand stone			
		(a) Stone - 12.5 mm	m3	1	R
		(b) Stone - 13.2 mm	m3	1	R
		(c) Stone - 19 mm	m3	1	R
		(d) Stone - 25 mm	m3	1	R
		(e) Stone - 37.5mm	m3	1	R
		(f) Stone - 50 mm	m3	1	R
		(g) Stone - 63 mm	m3	1	R
		(h)Interlocking paving blocks	no		R
		(i) Cement	50kg	1	R
		(j) Durra slarry	25kg	1	R
		(k) Hand clean 100 ml	ea	1	R
		(l) PVC soap 100 ml	ea	1	R

		(m)Hand broom	no		R
		(n) Pad lock - 16 mm	ea	1	R
		(o) Nails 2 "(pkt)	ea	1	R
		(p) Nails 4" (pkt)	ea	1	R
		(q)Nails 6" (pkt)	ea	1	R
		(r) Micro sheeting	Sheets	1	R
		(s) Filter Fabric	roll	1	R
		(t) Reinforced steel bars Y12	ea	1	R
		(u)10mm Gland Packing	ea	1	R
		(v)12mm Gland Packing	ea	1	R
		(w)16mm Gland Packing	ea	1	R
		(x)20mm Gland Packing	ea	1	R
		(y)382 mm Chain Saw	ea	1	R
		(z) Welded Mesh Fabric (ref 245) 6m X 2.4m sheet	sheet	1	R
		(aa) Y Standard 1.8	ea	1	R
		(ab) Plastic taps 20mm	ea		R
		(ac)20mm stand pipe	ea		R
		(ad) 10 000L Jojo tank	ea	1	R
		(ae) 5 000L Jojo tank	ea	1	R
		(af)Cement Bricks 230 mm	ea	1	R
		(ag) Manhole rings 250mm	ea		R
		(ah) Manhole rings 500mm	ea		R
		(ai) Manhole rings 1000mm	ea		R
Subtotal					
	15.3	Supply Heavy duty 300 Kpa Supradur Solid wall Sewer pipes (class 34)			
		(a) 110 dia	6m	1	R
		(b) 160 dia	6m	1	R
		(c) 200 dia	6m	1	R
		(d) 250 dia	6m	1	R
		(d) 315 dia	6m	1	R
		(e) 355 dia	6m	1	R
		(f) 400 dia	6m	1	R
		(g) 500 dia	6m	1	R
		(h) 145-155mm	ea	1	R
		(i) 157-163mm	ea	1	R
		(j) 165-176mm	ea	1	R
		(k) 174-183mm	ea	1	R
		(l) 179-189mm	ea	1	R
		(m) 188-199mm	ea	1	R
		(n) 195-205mm	ea	1	R
		(o) 202-212mm	ea	1	R
		(p) 218-228mm	ea	1	R
		(q) 229-238mm	ea	1	R
		(r) 236-245mm	ea	1	R
		(s) 248-257mm	ea	1	R
		(t) 258-268mm	ea	1	R
		(u) 281-291mm	ea	1	R

		(v)294-304mm	ea	1	R
		(w) 304-314mm	ea	1	R
		(x) 310-320mm	ea	1	R
		(y) 320-330mm	ea	1	R
		(z) (a)327-337mm	ea	1	R
		(b) 342-352mm	ea	1	R
		(c) 353-363mm	ea	1	R
			Subtotal		R
	15.4	supply and delivery of approved SABS or ISO rated: double door water check valves(non return)			R
		(a) 50mm	ea	1	R
		(b) 65mm	ea	1	R
		(c) 80mm	ea	1	R
		(d) 100mm	ea	1	R
		(e) 125mm	ea	1	R
		(f) 150mm	ea	1	R
		(g) 200mm	ea	1	R
		(h)250mm	ea	1	R
		(i) 300mm	ea	1	R
			Subtotal		R
	15.5	supply and delivery of Equilibrium float valve			
		(a)50mm	ea	1	R
		(b) 80mm	ea	1	R
		© 100mm	ea	1	R
		(d) 150mm	ea		R
			subtotal		R
	15.5	supply and delivery of butterfly valve water nickel plated			
		(a) 50mm	ea	1	R
		(b) 65mm	ea	1	R
		© 80mm	ea	1	R
		(d) 100mm	ea	1	R
		(e)125mm	ea	1	R
		(f) 150mm	ea	1	R
		(g) 200mm	ea	1	R
		(h) 250mm	ea	1	R
			Subtotal		R
	15.6	supply and delivery of ventomat			
		(a) 25mm	ea	1	R
		(b)50mm	ea	1	R
		(c) 80mm	ea	1	R
		(d) 100mm	ea	1	R
		(e) 150mm	ea	1	R
		(f) 200mm	ea	1	R
			Subtotal		R
			- 89 -		
	15.7	Supply and delivery of flanged Gate valve			
		(a) 50mm	ea	1	R

		(b) 80mm	ea	1	R
		(c) 100mm	ea	1	R
		(d)150mm	ea	1	R
		(e) 200mm	ea	1	R
		Subtotal			R
	15.8	supply and delivery of Ystrainer			
		(a) 50mm	ea	1	R
		(b) 65mm	ea	1	R
		(c) 80mm	ea	1	R
		(d) 100mm	ea	1	R
		(e) 125mm	ea	1	R
		(f) 150mm	ea	1	R
		(g) 200mm	ea	1	R
		(h) 250mm	ea	1	R
		(i)300mm	ea	1	R
		Subtotal			R
	15.9	supply and delivery of RSV Gate valve socketed			
		(a) DN40-50	ea	1	R
		(b) DN50-63	ea	1	R
		(c) DN65-75	ea	1	R
		(d) DN80-90	ea	1	R
		(e) DN100-110	ea	1	R
		(f) DN150-160	ea	1	R
		(g) DN200-200	ea	1	R
		(h) DN250-250	ea	1	R
		(i)DN300-315	ea	1	R
		Subtotal			R
	15.10	Supply and delivery of RSV Gate valve Flanged			
		(a) DN50	ea	1	R
		(b) DN80	ea	1	R
		© DN100	ea	1	R
		(d) DN150	ea	1	R
		(e) DN200	ea	1	R
		(f) DN250	ea	1	R
		(g) DN300	ea	1	R
		(h) DN350	ea	1	R
		Subtotal			R
	15.11	supply and delivery of bulk water meters			
		(a) Flanged bulk water meter T16 50mm	ea	1	R
		(b) Flanged bulk water meter T16 80mm	ea	1	R
		(c) Flanged bulk water meter T16 100mm	ea	1	R
		(d) Flanged bulk water meter T16 150mm	ea	1	R
		Subtotal			R

	15.12	supply and delivery of pressure pipe			
		(a) 50mm	ea	1	R
		(b) 63mm	ea	1	R
		(c) 75mm	ea	1	R
		(d) 90mm	ea	1	R
		(e) 110mm	ea	1	R
		(f) 125mm	ea	1	R
		(g) 140mm	ea	1	R
		(h) 160mm	ea	1	R
		(i) 200mm	ea	1	R
		(j) 250mm	ea	1	R
		(k) 315mm	ea	1	R
		(l) 355mm	ea	1	R
		(m) 400mm	ea	1	R
		(n) 500mm	ea	1	R
			Subtotal		R
		supply and delivery of Ultra Clamp Cascade			
	15.13	(a) 45-55mm	ea	1	R
		(b) 59-67mm	ea	1	R
		(c) 69-76mm	ea	1	R
		(d) 75-83mm	ea	1	R
		(e) 87-93mm	ea	1	R
		(f) 95-104mm	ea	1	R
		(g) 104-113mm	ea	1	R
		(h) 113-120mm	ea	1	R
		(i) 121-130mm	ea	1	R
		(j) 126-136mm	ea	1	R
		(k) 136-142mm	ea	1	R
		(l) 145-155mm	ea	1	R
		(m) 157-163mm	ea	1	R
		(n) 165-176mm	ea	1	R
		(o) 174-183mm	ea	1	R
		(p) 179-189mm	ea	1	R
		(q) 188-199mm	ea	1	R
		(r) 195-205mm	ea	1	R
		(s) 202--212mm	ea	1	R
		(t) 218-118mm	ea	1	R
		(u) 229-238mm	ea	1	R
		(v) 236-245mm	ea	1	R
		(w) 248-257mm	ea	1	R
		(x) 258-268mm	ea	1	R
		(y) 271-281mm	ea	1	R
		(z) (a) 281-291mm	ea	1	R
	15.13.1	(b) 294-304mm	ea	1	R
		(c) 304-314mm	ea	1	R
		(d) 310-320mm	ea	1	R
		(e) 320-330mm	ea	1	R
		(f) 327-337mm	ea	1	R

		(g) 342-352mm	ea	1	R
		(h) 353-363mm	ea	1	R
			Subtotal		R
		Supply and delivery of Cascade Saddle			
	15.14	(a) 45-55mm	ea	1	R
		(b) 59-67mm	ea	1	R
		(c) 69-76mm	ea	1	R
		(d) 75-86mm	ea	1	R
		(e) 87-93mm	ea	1	R
		(f) 95-104mm	ea	1	R
		(g) 104-113mm	ea	1	R
		(h) 113-120mm	ea	1	R
		(i) 121-130mm	ea	1	R
		(j) 126-136mm	ea	1	R
		(k) 136-142mm	ea	1	R
		(l) 145-155mm	ea	1	R
		(m) 157-163mm	ea	1	R
		(n) 165-176mm	ea	1	R
		(o) 174-183mm	ea	1	R
		(p) 179-189mm	ea	1	R
		(q) 188-199mm	ea	1	R
		(r) 195-205mm	ea	1	R
		(s) 202--212mm	ea	1	R
		(t) 218-228mm	ea	1	R
		(u) 229-238mm	ea	1	R
		(v) 236-245mm	ea	1	R
		(w) 248-257mm	ea	1	R
		(x) 258-268mm	ea	1	R
		(y) 271-281mm	ea	1	R
		(z) (a) 294-304mm	ea	1	R
	15.14.1.	(b) 304-314	ea	1	R
		(c) 310-320mm	ea	1	R
		(d) 320-330mm	ea	1	R
		(e) 327-337mm	ea	1	R
		(g) 342-352mm	ea	1	R
		(h) 353-363mm	ea	1	R
			Subtotal		R
	15.14	Supply and delivery of PVC Sewer & Drain Fitting(Equal Junction 45 degrees)			
		(a) 110mm	ea	1	R
		(b) 160mm	ea	1	R
		(c) 200mm	ea	1	R
			Subtotal		R
	15.15	Supply and delivery of PVC Sewer & Drain Fitting(Kimberley Socket)			
		(a) 110mm	ea	1	R
		(b) 160mm	ea	1	R
		(c) 200mm	ea	1	R

			Subtotal		R
	15.16	Supply and delivery of PVC Sewer & Drain Fitting(SD Long Radius Bend)			
		(a) 110mm	ea	1	R
		(b) 160mm	ea	1	R
		(c) 200mm	ea	1	R
		(d) 250mm	ea	1	R
		(e) 315mm	ea	1	R
		(f) 355mm	ea	1	R
		(g) 400mm	ea	1	R
			Subtotal		R
	15.17	Supply and delivery of PVC Sewer & Drain Fitting(Rodding Eye)			
		(a) 110mm	ea	1	R
		(b) 160mm	ea	1	R
			Subtotal		R
	15.18	Supply and delivery of PVC Sewer & Drain Fitting(Taper Pipe)			
		(a) 160mm	ea	1	R
		(b) 200mm	ea	1	R
		(c) 250mm	ea	1	R
			Subtotal		R
	15.19	Supply and delivery of female Elbow 518			
		(a) 16x1/2	ea	1	R
		(b) 16x3/4	ea	1	R
		© 20x1/2	ea	1	R
		(d) 25x1/2	ea	1	R
		(e) 25x3/4	ea	1	R
		(f) 25x1/2	ea	1	R
		(g) 32x1/2	ea	1	R
		(h)32x1/4	ea	1	R
		(i) 32x1	ea	1	R
		(j) 32x1.1/4	ea	1	R
		(k) 40x3/4	ea	1	R
		(l) 40x1	ea	1	R
		(m) 40x1.1/4	ea	1	R
		(n) 50x2	ea	1	R
		(o) 63x1.1/2	ea	1	R
		(p) 63x2	ea	1	R
		(q) 63x2.1/2	ea	1	R
		® 75x2	ea	1	R
		(s) 75x2.1/2	ea	1	R
		(t) 75x3	ea	1	R
		(u) 90x3	ea	1	R
		(v) 90x4	ea	1	R
		(w) 110x3	ea	1	R
		(x) 110x4	ea	1	R

			Subtotal		R
	15.20	Supply and delivery of male adaptor 518			
		(a) 16x3/8"	ea	1	R
		(b) 16x1/2"	ea	1	R
		© 16x3/4"	ea	1	R
		€ 20x3/4"	ea	1	R
		(f) 20x1/2"	ea	1	R
		(g) 20x1"	ea	1	R
		(h) 25x1/2"	ea	1	R
		(i) 32x3/4"	ea	1	R
		(j) 32x1/2"	ea	1	R
		(k)32x1"	ea	1	R
		(l) 32x1.1/4"	ea	1	R
		(m) 32x1.1/2"	ea	1	R
		(n) 40x1"	ea	1	R
		(o) 40x1.1/4"	ea	1	R
		(p) 40x1.1/2"	ea	1	R
		(q) 40x1"	ea	1	R
		® 40x1.1/4"	ea	1	R
		(s) 40x1.1/2"	ea	1	R
		(t) 40x2"	ea	1	R
		(u) 50x1"	ea	1	R
		(v) 50x1.01/2"	ea	1	R
		(w) 50x2"	ea	1	R
		(x) 63x1.1/4"	ea	1	R
		(y) 63x1.1/2"	ea	1	R
		(z) (a) 75x2"	ea	1	R
	15.20.1	(b) 75x2.1/2"	ea	1	R
		(c) 75x3"	ea	1	R
		(d) 75x2.1/2"	ea	1	R
		(e) 90x2"	ea	1	R
		(f) 90x2.1/2"	ea	1	R
		(g) 90x3"	ea	1	R
		(h) 90x4"	ea	1	R
		(i) 110x2"	ea	1	R
		(j) 110x3"	ea	1	R
		(k) 110x4"	ea	1	R
			Subtotal		R
	15.21	Supply and delivery of female tee 515			
		(a) 16x1/2"x16	ea	1	R
		(b) 16x13/4"x16	ea	1	R
		(c) 20x1/2"x20	ea	1	R
		(d) 20x3/4"x20	ea	1	R
		(e) 25x1/2"x25	ea	1	R
		(f)25x1"x25	ea	1	R
		(g) 32x1/2"x32	ea	1	R
		(h) 32x3/4"x32	ea	1	R
		(i) 32x1"x32	ea	1	R

		(j) 32x1.1/4x32	ea	1	R
		(k) 40x1"x40	ea	1	R
		(l) 40x1.1/4x40	ea	1	R
		(m) 40x1.1/2"x40	ea	1	R
		(n) 50x1.1/4"x50	ea	1	R
		(o) 50x1.1/2x50	ea	1	R
		(p) 50x2"x50	ea	1	R
		(q) 63x1.1/4"x63	ea	1	R
		(r) 63x1.1/2"x63	ea	1	R
		(s) 63x2"x63	ea	1	R
		(t) 63x2.1/2"x63	ea	1	R
		(u) 75x2"x75	ea	1	R
		(v) 75x2.1/2"x75	ea	1	R
		(w) 75x3"x75	ea	1	R
		(x) 90x2.1/2"x90	ea	1	R
		(y) 90x3"x90	ea	1	R
		(z) (a) 90x4"x90	ea	1	R
15.21.1		(b) 110x3"x110	ea	1	R
		(c) 110x4"x110	ea	1	R
			Subtotal		R
15.22		Supply and delivery of female adaptor 601			
		(a) 16x1/2"	ea	1	R
		(b) 16x3/4"	ea	1	R
		© 20x1/2"	ea	1	R
		(d) 20x3/4"	ea	1	R
		€ 20x1"	ea	1	R
		(f) 25x1/2"	ea	1	R
		(g) 25x3/4"	ea	1	R
		(h) 25x1"	ea	1	R
		(i) 32x1/2"	ea	1	R
		(j) 32x3/4"	ea	1	R
		(k) 32x1"	ea	1	R
		(l) 32x1.1/4"	ea	1	R
		(m) 40x1"	ea	1	R
		(n) 40x1.1/4"	ea	1	R
		(o) 40x1.1/2"	ea	1	R
		(p) 50x1.1/4"	ea	1	R
		(q) 50x1.01/2"	ea	1	R
		® 50x2"	ea	1	R
		(s) 63x1.1/4"	ea	1	R
		(t) 63x2"	ea	1	R
		(u) 63x2.1/2"	ea	1	R
		(v) 75x2"	ea	1	R
		(w) 75x2.1/2"	ea	1	R
		(x) 75x3"	ea	1	R
		(y) 90x2"	ea	1	R
		(z)(a) 90x2.1/2"	ea	1	R
15.22.1		(b) 90x3"	ea	1	R
		© 90x4"	ea	1	R

		(d) 110x3"	ea	1	R
			Subtotal		R
	15.23	Supply and delivery of Clamp Saddle with reinforcing steel ring & PVC saddles 503			
		(a) 63x1/2"	ea	1	R
		(b) 63x3/4"	ea	1	R
		© 63x1"	ea	1	R
		(d) 63x1.1/2"	ea	1	R
		€ 63x1.1/4"	ea	1	R
		(f) 75x3/4"	ea	1	R
		(h) 75x1"	ea	1	R
		(i) 75x1.1/4"	ea	1	R
		(j) 75x1.1/2"	ea	1	R
		(k) 75x2"	ea	1	R
		(l) 90x1/2"	ea	1	R
		(m) 90x3/4"	ea	1	R
		(n) 90x1"	ea	1	R
		(o) 90x1.1/4"	ea	1	R
		(p) 90x1.1/2"	ea	1	R
		(q) 90x2"	ea	1	R
		(r)110x1/2"	ea	1	R
		(s) 110x3/4"	ea	1	R
		(t) 110x1"	ea	1	R
		(u) 110x1.1/4"	ea	1	R
		(v) 110x1.1/2"	ea	1	R
		(w)110x2"	ea	1	R
		(x) 110x3"	ea	1	R
			Subtotal		R
	15.24	supply and delivery of clamp saddle with reinforcing steel ring and PVC Saddle 505			
		(a) 140x1"	ea	1	R
		(b) 140x1.1/4"	ea	1	R
		(c) 140x1.1/2"	ea	1	R
		(d) 140x2"	ea	1	R
		(e) 140x2.1/2"	ea	1	R
		(f) 140x3"	ea	1	R
		(g) 160x1"	ea	1	R
		(h) 160x1.1/4"	ea	1	R
		(i) 160x1.1/2"	ea	1	R
		(j)160x2"	ea	1	R
		(k) 160x3"	ea	1	R
		(l) 200x1.1/4"	ea	1	R
		(m) 200x1.1/2"	ea	1	R
		(n) 200x2"	ea	1	R
		(o)200x3"	ea	1	R
		(p) 200x4"	ea	1	R
		(q) 225x1.1/4"	ea	1	R
		(r) 225x1.1/2"	ea	1	R

		(s) 225x2"	ea	1	R
		(t) 225x3"	ea	1	R
		(u) 225x4"	ea	1	R
		(v) 250x1.1/4"	ea	1	R
		(w) 250x1.1/2"	ea	1	R
		(x) 250x2"	ea	1	R
		(y) 250x3"	ea	1	R
		(z)(a) 250x4"	ea	1	R
	15.24.1	(b) 315x1.1/4"	ea	1	R
		(c) 315x1.1/2"	ea	1	R
		(d) 315x2"	ea	1	R
		(e) 315x3"	ea	1	R
		(f) 315x4"	ea	1	R
		Subtotal			R
	15.25	Supply and delivery of approved SABS or ISO rated coupling 510 (dxd)			
		(a) 16x16	ea	1	R
		(b) 20x20	ea	1	R
		© 25x25	ea	1	R
		(d) 32x32	ea	1	R
		€ 40x40	ea	1	R
		(f) 50x50	ea	1	R
		(g) 63x63	ea	1	R
		(h) 75x75	ea	1	R
		(i) 90x90	ea	1	R
		(j) 110x110	ea	1	R
		Subtotal			R
	15.25	Supply and delivery of approved SABS or ISO rated :Tee 514 (dxdxd)			
		(a) 16x16x16	ea	1	R
		(b) 20x20x20	ea	1	R
		(c) 25x25x25	ea	1	R
		(d) 32x32x32	ea	1	R
		(e) 40x40x40	ea	1	R
		(f) 50x50x50	ea	1	R
		(g) 63x63x63	ea	1	R
		(h) 75x75x75	ea	1	R
		(i) 90x90x90	ea	1	R
		(j) 110x110x110	ea	1	R
		Subtotal			R
	15.26	Supply and delivery of approved SABS or ISO rated : Elbow-90 dgrees 513 dxd			
		(a) 16x16	ea	1	R
		(b) 20x20	ea	1	R
		© 25x25	ea	1	R
		(d) 32x32	ea	1	R
		€ 40x40	ea	1	R

		(f) 50x50	ea	1	R
		(g) 63x63	ea	1	R
		(h) 75x75	ea	1	R
		(i) 90x90	ea	1	R
		(j) 110x110	ea	1	R
			Subtotal		R
	15.27	Supply and delivery of approved SABS or ISO rated: Reducing coupling 512 dxd			
		(a) 20x16	ea	1	R
		(b) 25x20	ea	1	R
		© 32x20	ea	1	R
		(d) 32x25	ea	1	R
		€ 40x25	ea	1	R
		(f) 40x32	ea	1	R
		(g) 50x25	ea	1	R
		(h) 50x32	ea	1	R
		(i) 50x40	ea	1	R
		(j) 63x25	ea	1	R
		(k) 63x32	ea	1	R
		(l) 63x40	ea	1	R
		(m) 63x50	ea	1	R
		(n) 75x50	ea	1	R
		(o) 75x63	ea	1	R
		(p) 90x63	ea	1	R
		(q) 90x75	ea	1	R
		® 110x75	ea	1	R
		(s)110x90	ea	1	R
			Subtotal		R
	15.28	supply and delivery of VJ Flange Adaptors			
		(a) 48-58mm	ea	1	R
		(b) 59-78mm	ea	1	R
		(c)72-85mm	ea	1	R
		(d) 74-90mm	ea	1	R
		(e) 88-103mm	ea	1	R
		(f) 98-103mm	ea	1	R
		(g) 108-128mm	ea	1	R
		(h)132-154mm	ea	1	R
		(i)150-170mm	ea	1	R
		(j)159-182mm	ea	1	R
		(k)192-209mm	ea	1	R
		(l)218-235mm	ea	1	R
		(m)235-252mm	ea	1	R
		(n)271-289mm	ea	1	R
		(o)286-304mm	ea	1	R
		(p)302-318mm	ea	1	R
		(q)315-332mm	ea	1	R
		(r)334-350mm	ea	1	R
		(s)344-360mm	ea	1	R

		(t) 374-391mm	ea	1	R
		(u)391-407mm	ea	1	R
		(v)417-437mm	ea	1	R
		(w)444-460mm	ea	1	R
		(x)477-493mm	ea	1	R
		(y)494-510mm	ea	1	R
		(z) (a) 518-534mm	ea	1	R
	15.28.1	(b) 556-572mm	ea	1	R
		(c)600-614mm	ea	1	R
		(d) 630-650mm	ea	1	R
Percentage mark-up on items approved by the client or his representative with attached invoices for materials.			%		
SUBTOTAL					R
15% VAT					
TOTAL TO FORM TENDER					

SECTION 3: FORM OF OFFER AND ACCEPTANCE

PART 1 (OFFER TO BE COMPLETED BY THE BIDDER)

1. O.R. Tambo District Municipality has solicited offers to enter into the following contract:

ORTDM SCMU 10-24/25: APPOINTMENT OF A PANEL OF SUPPLIERS TO SUPPLY AND DELIVERY OF PLUMBING MATERIALS AND EQUIPMENTS FOR 36 MONTHS (3 YEARS)

2. I, the Bidder, hereby undertake to supply and deliver all or any of the goods and/or works described in the attached bidding documents to O.R. Tambo District Municipality in accordance with the requirements and specifications stipulated in bid number **ORTDM SCMU 10-24/25**, at the price/s quoted. My offer/s shall remain binding upon me and open for acceptance by the Municipality during the validity period indicated and calculated from the closing time of bid.
3. The following documents shall be deemed to form and be read and construed as part of this Agreement:
- (i) This Bid document, namely -
 - The Scope of Work;
 - The Pricing Schedule;
 - This Form of Offer & Acceptance;
 - (ii) Bidder's Tender Proposal;
 - (iii) The General Conditions of Contract;
 - (iv) The Special Conditions of Contract (if any);
 - (v) Service Level Agreement concluded by the appointed bidder and the Municipality (if any).
4. I confirm that I have satisfied myself as to the correctness and validity of my bid; that the price(s) and rate(s) quoted cover all the goods and/or works specified in the bidding documents; that the price(s) and rate(s) cover all my obligations and I accept that any mistakes regarding price(s) and rate(s) and calculations will be at my own risk.
5. I accept full responsibility for the proper execution and fulfilment of all obligations and conditions devolving on me under this agreement as the principal liable for the due fulfilment of this contract.
6. I declare that I have no participation in any collusive practices with any bidder or any other person regarding this or any other bid.
7. I confirm that I am duly authorized to sign this contract.

The **TOTAL BID PRICE** inclusive of value-added tax (where applicable) is

.....

.....

.....Rand

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

This offer may be accepted by the authorized O.R. Tambo District Municipality representative 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 conditions, whereupon the tenderer becomes the party named as the appointed service provider in terms of the conditions of contract.

NAME (PRINT)
CAPACITY
SIGNATURE
NAME OF FIRM
DATE

WITNESSES:
1
2

DATE.....

FAILURE BY THE BIDDER TO COMPLETE THIS FORM IN ITS ENTIRETY INCLUDING SIGNING THE FORM, SHALL DISQUALIFY ITS BID.

PART 2 (ACCEPTANCE TO BE COMPLETED BY O.R. TAMBO DISTRICT MUNICIPALITY)

By signing this part of the form of offer and acceptance, the Municipality accepts the bidder's offer. In consideration thereof, the Municipality shall pay the appointed supplier the amount due in accordance with PART 1 of this offer and acceptance. Acceptance of the bidder's offer shall form an agreement between O.R. Tambo District Municipality and the bidder upon the terms and conditions contained in this agreement and in the contract that is the subject of this agreement.

1. I.....in my capacity as.....
.....accept your bid under reference number
..... dated..... for the supply of
the goods and/or works indicated hereunder and/or further specified in the annexure(s).
2. An official order indicating delivery instructions is forthcoming.
3. I undertake to make payment for the services rendered in accordance with the terms and conditions of the contract, within 30 (thirty) days after receipt of an invoice.
4. I confirm that I am duly authorised to sign this contract.

SIGNED AT ON

NAME (PRINT)

SIGNATURE

OFFICIAL STAMP

A large empty rectangular box for the official stamp.

WITNESSES

1

2

DATE:.....

SECTION 5: GENERAL CONDITIONS OF CONTRACT

The contract between the Municipality and the appointed bidder will be administered in terms of the **General Conditions of Contract 2010 (National Treasury)**.

GOVERNMENT PROCUREMENT: GENERAL CONDITIONS OF CONTRACT July 2010

NOTES

The purpose of this document is to:

- (i) Draw special attention to certain general conditions applicable to government bids, contracts and orders; and
- (ii) To ensure that clients be familiar with regard to the rights and obligations of all parties involved in doing business with government.

In this document words in the singular also mean in the plural and vice versa and words in the masculine also mean in the feminine and neuter.

General Conditions of Contract

1. Definitions

The following terms shall be interpreted as indicated:

- 1.1 **"Closing time"** means the date and hour specified in the bidding documents for the receipt of bids.
- 1.2 **"Contract"** means the written agreement entered into between the purchaser and the supplier, as recorded in the contract form signed by the parties, including all attachments and appendices thereto and all documents incorporated by reference therein.
- 1.3 **"Contract price"** means the price payable to the supplier under the contract for the full and proper performance of his contractual obligations.
- 1.4 **"Corrupt practice"** means the offering, giving, receiving, or soliciting of anything of value to influence the action of a public official in the procurement process or in contract execution.
- 1.5 **"Countervailing duties"** are imposed in cases where an enterprise abroad is subsidized by its government and encouraged to market its products internationally.
- 1.6 **"Country of origin"** means the place where the goods were mined, grown or produced or from which the services are supplied. Goods are produced when, through manufacturing, processing or substantial and major assembly of components, a commercially recognized new product results that is substantially different in basic characteristics or in purpose or utility from its components.
- 1.7 **"Day"** means calendar day.
- 1.8 **"Delivery"** means delivery in compliance of the conditions of the contract or order.
- 1.9 **"Delivery ex stock"** means immediate delivery directly from stock actually on hand.
- 1.10 **"Delivery into consignees store or to his site"** means delivered and unloaded in the specified store or depot or on the specified site in compliance with the conditions of the contract or order, the supplier bearing all risks and charges involved until the supplies are so delivered and a valid receipt is obtained.
- 1.11 **"Dumping"** occurs when a private enterprise abroad market its goods on own initiative in the RSA

at lower prices than that of the country of origin and which have the potential to harm the local industries in the RSA.

- 1.12 **"Force majeure"** means an event beyond the control of the supplier and not involving the supplier's fault or negligence and not foreseeable. Such events may include, but is not restricted to, acts of the purchaser in its sovereign capacity, wars or revolutions, fires, floods, epidemics, quarantine restrictions and freight embargoes.
- 1.13 **"Fraudulent practice"** means a misrepresentation of facts in order to influence a procurement process or the execution of a contract to the detriment of any bidder, and includes collusive practice among bidders (prior to or after bid submission) designed to establish bid prices at artificial non-competitive levels and to deprive the bidder of the benefits of free and open competition.
- 1.14 **"GCC"** means the General Conditions of Contract.
- 1.15 **"Goods"** means all of the equipment, machinery, and/or other materials that the supplier is required to supply to the purchaser under the contract.
- 1.16 **"Imported content"** means that portion of the bidding price represented by the cost of components, parts or materials which have been or are still to be imported (whether by the supplier or his subcontractors) and which costs are inclusive of the costs abroad, plus freight and other direct importation costs such as landing costs, dock dues, import duty, sales duty or other similar tax or duty at the South African place of entry as well as transportation and handling charges to the factory in the Republic where the supplies covered by the bid will be manufactured.
- 1.17 **"Local content"** means that portion of the bidding price which is not included in the imported content provided that local manufacture does take place.
- 1.18 **"Manufacture"** means the production of products in a factory using labour, materials, components and machinery and includes other related value-adding activities.
- 1.19 **"Order"** means an official written order issued for the supply of goods or works or the rendering of a service.
- 1.20 **"Project site,"** where applicable, means the place indicated in bidding documents.
- 1.21 **"Purchaser"** means the organization purchasing the goods.
- 1.22 **"Republic"** means the Republic of South Africa.
- 1.23 **"SCC"** means the Special Conditions of Contract.
- 1.24 **"Services"** means those functional services ancillary to the supply of the goods, such as transportation and any other incidental services, such as installation, commissioning, provision of technical assistance, training, catering, gardening, security, maintenance and other such obligations of the supplier covered under the contract.
- 1.25 **"Written"** or **"in writing"** means handwritten in ink or any form of electronic or mechanical writing.

2. Application

- 2.1 These general conditions are applicable to all bids, contracts and orders including bids for functional and professional services, sales, hiring, letting and the granting or acquiring of rights, but excluding immovable property, unless otherwise indicated in the bidding documents.
- 2.2 Where applicable, special conditions of contract are also laid down to cover specific supplies, services or works.
- 2.3 Where such special conditions of contract are in conflict with these general conditions, the special conditions shall apply.

3. General

- 3.1 Unless otherwise indicated in the bidding documents, the purchaser shall not be liable for any expense incurred in the preparation and submission of a bid. Where applicable a non-refundable fee for documents may be charged.
- 3.2 With certain exceptions, invitations to bid are only published in the Government Tender Bulletin. The Government Tender Bulletin may be obtained directly from the Government Printer, Private Bag X85, Pretoria 0001, or accessed electronically from www.treasury.gov.za

4. Standards

- 4.1 The goods supplied shall conform to the standards mentioned in the bidding documents and specifications.

5. Use of Contract Documents and information; inspection.

- 5.1 The supplier shall not, without the purchaser's prior written consent disclose the contract, or any provision thereof, or any specification, plan, drawing, pattern, sample, or information furnished by or on behalf of the purchaser in connection therewith, to any person other than a person employed by the supplier in the performance of the contract. Disclosure to any such employed person shall be made in confidence and shall extend only so far as may be necessary for purposes of such performance.
- 5.2 The supplier shall not, without the purchaser's prior written consent, make use of any document or information mentioned in GCC clause 5.1 except for purposes of performing the contract.
- 5.3 Any document, other than the contract itself mentioned in GCC clause 5.1 shall remain the property of the purchaser and shall be returned (all copies) to the purchaser on completion of the supplier's performance under the contract if so required by the purchaser.
- 5.4 The supplier shall permit the purchaser to inspect the supplier's records relating to the performance of the supplier and to have them audited by auditors appointed by the purchaser, if so required by the purchaser.

6. Patent rights

- 6.1 The supplier shall indemnify the purchaser against all third-party claims of infringement of patent, trademark, or industrial design rights arising from use of the goods or any part thereof by the purchaser.

7. Performance Security

- 7.1 Within thirty (30) days of receipt of the notification of contract award, the successful bidder shall furnish to the purchaser the performance security of the amount specified in SCC.
- 7.2 The proceeds of the performance security shall be payable to the purchaser as compensation for any loss resulting from the supplier's failure to complete his obligations under the contract.
- 7.3 The performance security shall be denominated in the currency of the contract, or in a freely convertible currency acceptable to the purchaser and shall be in one of the following forms:
- (a) a bank guarantee or an irrevocable letter of credit issued by a reputable bank located in the purchaser's country or abroad, acceptable to the purchaser, in the form provided in the bidding documents or another form acceptable to the purchaser; or
 - (b) a cashier's or certified cheque.
- 7.4 The performance security will be discharged by the purchaser and returned to the supplier not later than thirty (30) days following the date of completion of the supplier's performance obligations under the contract, including any warranty obligations, unless otherwise specified in SCC.

8. Inspections, tests and analyses

- 8.1 All pre-bidding testing will be for the account of the bidder.
- 8.2 If it is a bid condition that supplies to be produced or services to be rendered should at any stage during production or execution or on completion be subject to inspection, the premises of the bidder

or contractor shall be open, at all reasonable hours, for inspection by a representative of the Department or an organization acting on behalf of the Department.

- 8.3 If there are no inspection requirements indicated in the bidding documents and no mention is made in the contract, but during the contract period it is decided that inspections shall be carried out, the purchaser shall itself make the necessary arrangements, including payment arrangements with the testing authority concerned.
- 8.4 If the inspections, tests and analyses referred to in clauses 8.2 and 8.3 show the supplies to be in accordance with the contract requirements, the cost of the inspections, tests and analyses shall be defrayed by the purchaser.
- 8.5 Where the supplies or services referred to in clauses 8.2 and 8.3 do not comply with the contract requirements, irrespective of whether such supplies or services are accepted or not, the cost in connection with these inspections, tests or analyses shall be defrayed by the supplier.
- 8.6 Supplies and services which are referred to in clauses 8.2 and 8.3 and which do not comply with the contract requirements may be rejected.
- 8.7 Any contract supplies may on or after delivery be inspected, tested or analyzed and may be rejected if found not to comply with the requirements of the contract. Such rejected supplies shall be held at the cost and risk of the supplier who shall, when called upon, remove them immediately at his own cost and forthwith substitute them with supplies which do comply with the requirements of the contract. Failing such removal the rejected supplies shall be returned at the suppliers cost and risk. Should the supplier fail to provide the substitute supplies forthwith, the purchaser may, without giving the supplier further opportunity to substitute the rejected supplies, purchase such supplies as may be necessary at the expense of the supplier.
- 8.8 The provisions of clauses 8.4 to 8.7 shall not prejudice the right of the purchaser to cancel the contract on account of a breach of the conditions thereof, or to act in terms of Clause 23 of GCC.

9. Packing

- 9.1 The supplier shall provide such packing of the goods as is required to prevent their damage or deterioration during transit to their final destination, as indicated in the contract. The packing shall be sufficient to withstand, without limitation, rough handling during transit and exposure to extreme temperatures, salt and precipitation during transit, and open storage. Packing, case size and weights shall take into consideration, where appropriate, the remoteness of the goods' final destination and the absence of heavy handling facilities at all points in transit.
- 9.2 The packing, marking, and documentation within and outside the packages shall comply strictly with such special requirements as shall be expressly provided for in the contract, including additional requirements, if any, specified in SCC, and in any subsequent instructions ordered by the purchaser.

10. Delivery and documents

- 10.1 Delivery of the goods shall be made by the supplier in accordance with the terms specified in the contract. The details of shipping and/or other documents to be furnished by the supplier are specified in SCC.
- 10.2 Documents to be submitted by the supplier are specified in SCC.

11. Insurance

- 11.1 The goods supplied under the contract shall be fully insured in a freely convertible currency against loss or damage incidental to manufacture or acquisition, transportation, storage and delivery in the manner specified in the SCC.

12. Transportation

12.1 Should a price other than an all-inclusive delivered price be required, this shall be specified in the SCC.

13. Incidental Services

13.1 The supplier may be required to provide any or all of the following services, including additional services, if any, specified in SCC:

- (a) performance or supervision of on-site assembly and/or commissioning of the supplied goods;
- (b) furnishing of tools required for assembly and/or maintenance of the supplied goods;
- (c) furnishing of a detailed operations and maintenance manual for each appropriate unit of the supplied goods;
- (d) performance or supervision or maintenance and/or repair of the supplied goods, for a period of time agreed by the parties, provided that this service shall not relieve the supplier of any warranty obligations under this contract; and
- (e) training of the purchaser's personnel, at the supplier's plant and/or on-site, in assembly, start-up, operation, maintenance, and/or repair of the supplied goods.

13.2 Prices charged by the supplier for incidental services, if not included in the contract price for the goods, shall be agreed upon in advance by the parties and shall not exceed the prevailing rates charged to other parties by the supplier for similar services.

14. Spare parts

14.1 As specified in SCC, the supplier may be required to provide any or all of the following materials, notifications, and information pertaining to spare parts manufactured or distributed by the supplier:

- (a) such spare parts as the purchaser may elect to purchase from the supplier, provided that this election shall not relieve the supplier of any warranty obligations under the contract; and
- (b) in the event of termination of production of the spare parts:
 - (i) Advance notification to the purchaser of the pending termination, in sufficient time to permit the purchaser to procure needed requirements; and
 - (ii) following such termination, furnishing at no cost to the purchaser, the blueprints, drawings, and specifications of the spare parts, if requested.

15. Warranty

15.1 The supplier warrants that the goods supplied under the contract are new, unused, of the most recent or current models, and that they incorporate all recent improvements in design and materials unless provided otherwise in the contract. The supplier further warrants that all goods supplied under this contract shall have no defect, arising from design, materials, or workmanship (except when the design and/or material is required by the purchaser's specifications) or from any act or omission of the supplier, that may develop under normal use of the supplied goods in the conditions prevailing in the country of final destination.

15.2 This warranty shall remain valid for twelve (12) months after the goods, or any portion thereof as the case may be, have been delivered to and accepted at the final destination indicated in the contract, or for eighteen (18) months after the date of shipment from the port or place of loading in the source country, whichever period concludes earlier, unless specified otherwise in SCC.

- 15.3 The purchaser shall promptly notify the supplier in writing of any claims arising under this warranty.
- 15.4 Upon receipt of such notice, the supplier shall, within the period specified in SCC and with all reasonable speed, repair or replace the defective goods or parts thereof, without costs to the purchaser.
- 15.5 If the supplier, having been notified, fails to remedy the defect(s) within the period specified in SCC, the purchaser may proceed to take such remedial action as may be necessary, at the supplier's risk and expense and without prejudice to any other rights which the purchaser may have against the supplier under the contract.

16. Payment

- 16.1 The method and conditions of payment to be made to the supplier under this contract shall be specified in SCC.
- 16.2 The supplier shall furnish the purchaser with an invoice accompanied by a copy of the delivery note and upon fulfillment of other obligations stipulated in the contract.
- 16.3 Payments shall be made promptly by the purchaser, but in no case later than thirty (30) days after submission of an invoice or claim by the supplier.
- 16.4 Payment will be made in Rand unless otherwise stipulated in SCC.

17. Prices

- 17.1 Prices charged by the supplier for goods delivered and services performed under the contract shall not vary from the prices quoted by the supplier in his bid, with the exception of any price adjustments authorized in SCC or in the purchaser's request for bid validity extension, as the case may be.

18. Contract Amendments

- 18.1 No variation in or modification of the terms of the contract shall be made except by written amendment signed by the parties concerned.

19. Assignment

- 19.1 The supplier shall not assign, in whole or in part, its obligations to perform under the contract, except with the purchaser's prior written consent.

20. Subcontracts

- 20.1 The supplier shall notify the purchaser in writing of all subcontracts awarded under this contracts if not already specified in the bid. Such notification, in the original bid or later, shall not relieve the supplier from any liability or obligation under the contract.

21. Delays in the supplier's performance

- 21.1 Delivery of the goods and performance of services shall be made by the supplier in accordance with the time schedule prescribed by the purchaser in the contract.
- 21.2 If at any time during performance of the contract, the supplier or its subcontractor(s) should encounter conditions impeding timely delivery of the goods and performance of services, the supplier shall promptly notify the purchaser in writing of the fact of the delay, its likely duration and its cause(s). As soon as practicable after receipt of the supplier's notice, the purchaser shall evaluate the situation and may at his discretion extend the supplier's time for performance, with or without the imposition of penalties, in which case the extension shall be ratified by the parties by amendment of contract.

- 21.3 No provision in a contract shall be deemed to prohibit the obtaining of supplies or services from a national department, provincial department, or a local authority.
- 21.4 The right is reserved to procure outside of the contract small quantities or to have minor essential services executed if an emergency arises, the supplier's point of supply is not situated at or near the place where the supplies are required, or the supplier's services are not readily available.
- 21.5 Except as provided under GCC Clause 25, a delay by the supplier in the performance of its delivery obligations shall render the supplier liable to the imposition of penalties, pursuant to GCC Clause 22, unless an extension of time is agreed upon pursuant to GCC Clause 21.2 without the application of penalties.
- 21.6 Upon any delay beyond the delivery period in the case of a supplies contract, the purchaser shall, without canceling the contract, be entitled to purchase supplies of a similar quality and up to the same quantity in substitution of the goods not supplied in conformity with the contract and to return any goods delivered later at the supplier's expense and risk, or to cancel the contract and buy such goods as may be required to complete the contract and without prejudice to his other rights, be entitled to claim damages from the supplier.

22. Penalties

- 22.1 Subject to GCC Clause 25, if the supplier fails to deliver any or all of the goods or to perform the services within the period(s) specified in the contract, the purchaser shall, without prejudice to its other remedies under the contract, deduct from the contract price, as a penalty, a sum calculated on the delivered price of the delayed goods or unperformed services using the current prime interest rate calculated for each day of the delay until actual delivery or performance. The purchaser may also consider termination of the contract pursuant to GCC Clause 23.

23. Termination for default

- 23.1 The purchaser, without prejudice to any other remedy for breach of contract, by written notice of default sent to the supplier, may terminate this contract in whole or in part:
 - (a) if the supplier fails to deliver any or all of the goods within the period(s) specified in the contract, or within any extension thereof granted by the purchaser pursuant to GCC Clause 21.2;
 - (b) if the Supplier fails to perform any other obligation(s) under the contract; or
 - (c) if the supplier, in the judgment of the purchaser, has engaged in corrupt or fraudulent practices in competing for or in executing the contract.
- 23.2 In the event the purchaser terminates the contract in whole or in part, the purchaser may procure, upon such terms and in such manner as it deems appropriate, goods, works or services similar to those undelivered, and the supplier shall be liable to the purchaser for any excess costs for such similar goods, works or services. However, the supplier shall continue performance of the contract to the extent not terminated.
- 23.3 Where the purchaser terminates the contract in whole or in part, the purchaser may decide to impose a restriction penalty on the supplier by prohibiting such supplier from doing business with the public sector for a period not exceeding 10 years.
- 23.4 If a purchaser intends imposing a restriction on a supplier or any person associated with the supplier, the supplier will be allowed a time period of not more than fourteen (14) days to provide reasons why the envisaged restriction should not be imposed. Should the supplier fail to respond within the stipulated fourteen (14) days the purchaser may regard the intended penalty as not objected against and may impose it on the supplier.
- 23.5 Any restriction imposed on any person by the Accounting Officer / Authority will, at the discretion

of the Accounting Officer / Authority, also be applicable to any other enterprise or any partner, manager, director or other person who wholly or partly exercises or exercised or may exercise control over the enterprise of the first-mentioned person, and with which enterprise or person the first-mentioned person, is or was in the opinion of the Accounting Officer / Authority actively associated.

- 23.6 If a restriction is imposed, the purchaser must, within five (5) working days of such imposition, furnish the National Treasury, with the following information:

- (i) the name and address of the supplier and / or person restricted by the purchaser;
- (ii) the date of commencement of the restriction;
- (iii) the period of restriction; and
- (iv) the reasons for the restriction.

These details will be loaded in the National Treasury's central database of suppliers or persons prohibited from doing business with the public sector.

- 23.7 If a court of law convicts a person of an offence as contemplated in sections 12 or 13 of the Prevention and Combating of Corrupt Activities Act, No. 12 of 2004, the court may also rule that such person's name be endorsed on the Register for Tender Defaulters. When a person's name has been endorsed on the Register, the person will be prohibited from doing business with the public sector for a period not less than five years and not more than 10 years. The National Treasury is empowered to determine the period of restriction and each case will be dealt with on its own merits. According to section 32 of the Act the Register must be open to the public. The Register can be perused on the National Treasury website.

24. Anti-dumping and countervailing duties and rights

- 24.1 When, after the date of bid, provisional payments are required, or antidumping or countervailing duties are imposed, or the amount of a provisional payment or anti-dumping or countervailing right is increased in respect of any dumped or subsidized import, the State is not liable for any amount so required or imposed, or for the amount of any such increase. When, after the said date, such a provisional payment is no longer required or any such anti-dumping or countervailing right is abolished, or where the amount of such provisional payment or any such right is reduced, any such favourable difference shall on demand be paid forthwith by the contractor to the State or the State may deduct such amounts from moneys (if any) which may otherwise be due to the contractor in regard to supplies or services which he delivered or rendered, or is to deliver or render in terms of the contract or any other contract or any other amount which may be due to him.

25. Force Majeure

- 25.1 Notwithstanding the provisions of GCC Clauses 22 and 23, the damages, or termination for default if and to the extent that his delay in performance or other failure to perform his obligations under the contract is the result of an event of force majeure.
- 25.2 If a force majeure situation arises, the supplier shall promptly notify the purchaser in writing of such condition and the cause thereof. Unless otherwise directed by the purchaser in writing, the supplier shall continue to perform its obligations under the contract as far as is reasonably practical, and shall seek all reasonable alternative means for performance not prevented by the force majeure event.

26. Termination for insolvency

- 26.1 The purchaser may at any time terminate the contract by giving written notice to the supplier if the supplier becomes bankrupt or otherwise insolvent. In this event, termination will be without compensation to the supplier, provided that such termination will not prejudice or affect any right of action or remedy which has accrued or will accrue thereafter to the purchaser.

27. Settlement of Disputes

- 27.1 If any dispute or difference of any kind whatsoever arises between the purchaser and the supplier in connection with or arising out of the contract, the parties shall make every effort to resolve amicably such dispute or difference by mutual consultation.
- 27.2 If, after thirty (30) days, the parties have failed to resolve their dispute or difference by such mutual consultation, then either the purchaser or the supplier may give notice to the other party of his intention to commence with mediation. No mediation in respect of this matter may be commenced unless such notice is given to the other party.
- 27.3 Should it not be possible to settle a dispute by means of mediation, it may be settled in a South African court of law.
- 30.4 Mediation proceedings shall be conducted in accordance with the rules of procedure specified in the SCC.
- 30.5 Notwithstanding any reference to mediation and/or court proceedings herein,
- (a) the parties shall continue to perform their respective obligations under the contract unless they otherwise agree; and
 - (b) the purchaser shall pay the supplier any monies

28. Limitation of liability

- 28.1 Except in cases of criminal negligence or willful misconduct, and in the case infringement pursuant to Clause 6;
- (a) the supplier shall not be liable to the purchaser, whether in contract, tort, or otherwise, for any indirect or consequential loss or damage, loss of use, loss of production, or loss of profits or interest costs, provided that this exclusion shall not apply to any obligation of the supplier to pay penalties and/or damages to the purchaser; and
 - (b) the aggregate liability of the supplier to the purchaser, whether under the contract, in tort or otherwise, shall not exceed the total contract price, provided that this limitation shall not apply to the cost of repairing or replacing defective equipment.

29. Governing Language

- 29.1 The contract shall be written in English. All correspondence and other documents pertaining to the contract that is exchanged by the parties shall also be written in English.

30. Applicable Law

- 30.1 The contract shall be interpreted in accordance with South African laws, unless otherwise specified in SCC.

31. Notices

- 31.1 Every written acceptance of a bid shall be posted to the supplier concerned by registered or certified mail and any other notice to him shall be posted by ordinary mail to the address furnished in his bid or to the address notified later by him in writing and such posting shall be deemed to be proper service of such notice.
- 31.2 The time mentioned in the contract documents for performing any act after such aforesaid notice has been given, shall be reckoned from the date of posting of such notice.

32. Taxes and duties

- 32.1 A foreign supplier shall be entirely responsible for all taxes, stamp duties, license fees, and other such levies imposed outside the purchaser's country.
- 32.2 A local supplier shall be entirely responsible for all taxes, duties, license fees, etc., incurred until delivery of the contracted goods to the purchaser.
- 32.3 No contract shall be concluded with any bidder whose tax matters are not in order. Prior to the award of a bid the Department must be in possession of a tax clearance certificate, submitted by the bidder. This certificate must be an original issued by the South African Revenue Services.

33. National Industrial Participation (NIP) Programme

- 33.1 The NIP Programme administered by the Department of Trade and Industry shall be applicable to all contracts that are subject to the NIP obligation.

34 Prohibition of Restrictive practices

- 34.1 In terms of section 4 (1) (b) (iii) of the Competition Act No. 89 of 1998, as amended, an agreement between, or concerted practice by, firms, or a decision by an association of firms, is prohibited if it is between parties in a horizontal relationship and if a bidder (s) is / are or a contractor(s) was / were involved in collusive bidding (or bid rigging).
- 34.2 If a bidder(s) or contractor(s), based on reasonable grounds or evidence obtained by the purchaser, has / have engaged in the restrictive practice referred to above, the purchaser may refer the matter to the Competition Commission for investigation and possible imposition of administrative penalties as contemplated in the Competition Act No. 89 of 1998.
- 34.3 If a bidder(s) or contractor(s), has / have been found guilty by the Competition Commission of the restrictive practice referred to above, the purchaser may, in addition and without prejudice to any other remedy provided for, invalidate the bid(s) for such item(s) offered, and / or terminate the contract in whole or part, and / or restrict the bidder(s) or contractor(s) from conducting business with the public sector for a period not exceeding ten (10) years and / or claim damages from the bidder(s) or contractor(s) concerned.

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