



**DEPARTMENT OF WATER AND SANITATION  
REPUBLIC OF SOUTH AFRICA**

**DUE AT 11:00 ON**

**(CLOSING DATE)**

**14 DECEMBER 2023**

**DWS23-1023 WTE**

**APPOINTMENT OF A PANEL OF SERVICE PROVIDER TO SUPPLY, DELIVER  
AND OFFLOADING OF VARIOUS PIPESTO VARIOUS PROJECTS FOR A  
PERIOD OF 36 MONTHS TO DWS CONSTRUCTION NORTH IN THE LIMPOPO  
PROVINCE**

**SUBMIT BID DOCUMENTS TO:**

**POSTAL ADDRESS:**  
DIRECTOR-GENERAL:  
WATER AND SANITATION  
PRIVATE BAG X313  
PRETORIA, 0001

**OR**

**TO BE DEPOSITED IN:**  
THE BID BOX AT THE ENTRANCE  
OF ZWAMADAKA BUILDING  
157 FRANCIS BAARD STREET  
PRETORIA, 0001

Compulsory Briefing Session

Date: 16 November 2023

Time: 12H00

Venue: DWS Construction Site Office – Nandoni Dam

GPS Coordinates: 22°58'40.74"S 30°36'20.06"E

**BIDDER: (Company Address or Stamp)**

**COMPILED BY: CONSTRUCTION**

**DEPARTMENT OF WATER AND SANITATION  
DWS23-1023 WTE**

**APPOINTMENT OF A PANEL OF SERVICE PROVIDER TO SUPPLY, DELIVER AND  
OFFLOADING OF VARIOUS PIPESTO VARIOUS PROJECTS FOR A PERIOD OF 36 MONTHS  
TO DWS CONSTRUCTION NORTH IN THE LIMPOPO PROVINCE**

**CONTENTS**

INVITATION TO BID (SBD 1)

SECTION 1: LEGALITIES

SECTION 2: TENDER DATA

# PART A INVITATION TO BID

**SBD1**

|   |  |               |  |                               |  |
|---|--|---------------|--|-------------------------------|--|
| <b>YOU ARE HEREBY INVITED TO BID FOR REQUIREMENTS OF THE (NAME OF DEPARTMENT/ PUBLIC ENTITY)</b>  |  |               |  |                               |  |
| BID NUMBER:   | DWS23-1023 WTE   | CLOSING DATE: | 14 DECEMBER 2023   | CLOSING TIME:                 | 11H00  |
| DESCRIPTION   | APPOINTMENT OF A PANEL OF SERVICE PROVIDER TO SUPPLY, DELIVER AND OFFLOADING OF VARIOUS PIPESTO VARIOUS PROJECTS FOR A PERIOD OF 36 MONTHS TO DWS CONSTRUCTION NORTH |               |  |                               |  |
| <b>BID RESPONSE DOCUMENTS MAY BE DEPOSITED IN THE BID BOX SITUATED AT (STREET ADDRESS)</b>  |  |               |  |                               |  |
| THE BID BOX. AT THE ENTRANCE OF ZWAMADAKA BUILDING  |  |               |  |                               |  |
| 157 FRANCIS BAARD STREET, PRETORIA 0001   |  |               |  |                               |  |
| <b>BIDDING PROCEDURE ENQUIRIES MAY BE DIRECTED TO</b>   |  |               | <b>TECHNICAL ENQUIRIES MAY BE DIRECTED TO:</b>                           |                               |  |
| CONTACT PERSON  | Bid Office   |               | CONTACT PERSON   | Mr J. Mutshinya               |  |
| TELEPHONE NUMBER  | 012 336 8505/7596/8241/8151  |               | TELEPHONE NUMBER   |                               |  |
| FACSIMILE NUMBER  |  |               | FACSIMILE NUMBER   |                               |  |
| E-MAIL ADDRESS  | bidenquirieswte@dws.gov.za   |               | E-MAIL ADDRESS   | MutshinyaJ@dws.gov.za         |  |
| <b>SUPPLIER INFORMATION</b>   |  |               |  |                               |  |
| NAME OF BIDDER  |  |               |  |                               |  |
| POSTAL ADDRESS  |  |               |  |                               |  |
| STREET ADDRESS  |  |               |  |                               |  |
| TELEPHONE NUMBER  | CODE   |               | NUMBER   |                               |  |
| CELLPHONE NUMBER  |  |               |  |                               |  |
| FACSIMILE NUMBER  | CODE   |               | NUMBER   |                               |  |
| E-MAIL ADDRESS  |  |               |  |                               |  |
| VAT REGISTRATION NUMBER   |  |               |  |                               |  |
| SUPPLIER COMPLIANCE STATUS  | TAX COMPLIANCE SYSTEM PIN:   |               | OR   | CENTRAL SUPPLIER DATABASE No: | MAAA   |
| B-BBEE STATUS LEVEL VERIFICATION CERTIFICATE  | TICK APPLICABLE BOX]<br><br><input type="checkbox"/> Yes <input type="checkbox"/> No   |               | B-BBEE STATUS LEVEL SWORN AFFIDAVIT                                      |                               | [TICK APPLICABLE BOX]<br><br><input type="checkbox"/> Yes <input type="checkbox"/> No  |
| <b>[A B-BBEE STATUS LEVEL VERIFICATION CERTIFICATE/ SWORN AFFIDAVIT (FOR EMES &amp; QSEs) MUST BE SUBMITTED IN ORDER TO QUALIFY FOR PREFERENCE POINTS FOR B-BBEE]</b>   |  |               |  |                               |  |
| ARE YOU THE ACCREDITED REPRESENTATIVE IN SOUTH AFRICA FOR THE GOODS /SERVICES /WORKS OFFERED?   | <input type="checkbox"/> Yes <input type="checkbox"/> No<br>[IF YES ENCLOSE PROOF]   |               | ARE YOU A FOREIGN BASED SUPPLIER FOR THE GOODS /SERVICES /WORKS OFFERED? |                               | <input type="checkbox"/> Yes <input type="checkbox"/> No<br>[IF YES, ANSWER PART B:3 ] |
| <b>QUESTIONNAIRE TO BIDDING FOREIGN SUPPLIERS</b>   |  |               |  |                               |  |
| IS THE ENTITY A RESIDENT OF THE REPUBLIC OF SOUTH AFRICA (RSA)? <span style="float: right;"><input type="checkbox"/> YES <input type="checkbox"/> NO</span>   |  |               |  |                               |  |
| DOES THE ENTITY HAVE A BRANCH IN THE RSA? <span style="float: right;"><input type="checkbox"/> YES <input type="checkbox"/> NO</span>   |  |               |  |                               |  |
| DOES THE ENTITY HAVE A PERMANENT ESTABLISHMENT IN THE RSA? <span style="float: right;"><input type="checkbox"/> YES <input type="checkbox"/> NO</span>  |  |               |  |                               |  |
| DOES THE ENTITY HAVE ANY SOURCE OF INCOME IN THE RSA? <span style="float: right;"><input type="checkbox"/> YES <input type="checkbox"/> NO</span>   |  |               |  |                               |  |
| IS THE ENTITY LIABLE IN THE RSA FOR ANY FORM OF TAXATION? <span style="float: right;"><input type="checkbox"/> YES <input type="checkbox"/> NO</span>   |  |               |  |                               |  |
| 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 BELOW. |  |               |  |                               |  |

## PART B TERMS AND CONDITIONS FOR BIDDING

|                                       |   |
|---------------------------------------|---|
| <b>1. BID SUBMISSION:</b>             |   |
| 1.1.                                  | BIDS MUST BE DELIVERED BY THE STIPULATED TIME TO THE CORRECT ADDRESS. LATE BIDS WILL NOT BE ACCEPTED FOR CONSIDERATION.   |
| 1.2.                                  | <b>ALL BIDS MUST BE SUBMITTED ON THE OFFICIAL FORMS PROVIDED–(NOT TO BE RE-TYPED) OR IN THE MANNER PRESCRIBED IN THE BID DOCUMENT.</b>  |
| 1.3.                                  | THIS BID IS SUBJECT TO THE PREFERENTIAL PROCUREMENT POLICY FRAMEWORK ACT, 2000 AND THE PREFERENTIAL PROCUREMENT REGULATIONS, 2017, THE GENERAL CONDITIONS OF CONTRACT (GCC) AND, IF APPLICABLE, ANY OTHER SPECIAL CONDITIONS OF CONTRACT. |
| 1.4.                                  | <b>THE SUCCESSFUL BIDDER WILL BE REQUIRED TO FILL IN AND SIGN A WRITTEN CONTRACT FORM (SBD7).</b>   |
| <b>2. TAX COMPLIANCE REQUIREMENTS</b> |   |
| 2.1                                   | BIDDERS MUST ENSURE COMPLIANCE WITH THEIR TAX OBLIGATIONS.  |
| 2.2                                   | BIDDERS ARE REQUIRED TO SUBMIT THEIR UNIQUE PERSONAL IDENTIFICATION NUMBER (PIN) ISSUED BY SARS TO ENABLE THE ORGAN OF STATE TO VERIFY THE TAXPAYER'S PROFILE AND TAX STATUS.   |
| 2.3                                   | APPLICATION FOR TAX COMPLIANCE STATUS (TCS) PIN MAY BE MADE VIA E-FILING THROUGH THE SARS WEBSITE <a href="http://WWW.SARS.GOV.ZA">WWW.SARS.GOV.ZA</a> .  |
| 2.4                                   | BIDDERS MAY ALSO SUBMIT A PRINTED TCS CERTIFICATE TOGETHER WITH THE BID.  |
| 2.5                                   | IN BIDS WHERE CONSORTIA / JOINT VENTURES / SUB-CONTRACTORS ARE INVOLVED, EACH PARTY MUST SUBMIT A SEPARATE TCS CERTIFICATE / PIN / CSD NUMBER.  |
| 2.6                                   | WHERE NO TCS IS AVAILABLE BUT THE BIDDER IS REGISTERED ON THE CENTRAL SUPPLIER DATABASE (CSD), A CSD NUMBER MUST BE PROVIDED.   |
| 2.7                                   | NO BIDS WILL BE CONSIDERED FROM PERSONS IN THE SERVICE OF THE STATE, COMPANIES WITH DIRECTORS WHO ARE PERSONS IN THE SERVICE OF THE STATE, OR CLOSE CORPORATIONS WITH MEMBERS PERSONS IN THE SERVICE OF THE STATE."                       |

**NB: FAILURE TO PROVIDE / OR COMPLY WITH ANY OF THE ABOVE PARTICULARS MAY RENDER THE BID INVALID.**

SIGNATURE OF BIDDER: .....

CAPACITY UNDER WHICH THIS BID IS SIGNED: .....  
(Proof of authority must be submitted e.g., company resolution)

DATE: .....

## **DEPARTMENT OF WATER AND SANITATION**

### **DWS23-1023 WTE**

#### **APPOINTMENT OF A PANEL OF SERVICE PROVIDER TO SUPPLY, DELIVER AND OFFLOADING OF VARIOUS PIPESTO VARIOUS PROJECTS FOR A PERIOD OF 36 MONTHS TO DWS CONSTRUCTION NORTH IN THE LIMPOPO PROVINCE**

#### **SECTION 1: LEGALITIES**

##### **CONTENTS**

1. Instructions to Bidders
2. Declaration of Interest (SBD 4)
3. Preference Points Claim in terms of the Preferential Procurement Regulation, 2022 (SBD 6.1)
4. Annexure C: Local Content Declaration – Summary Schedule
5. National Treasury General Conditions of Contract

## **DEPARTMENT OF WATER AND SANITATION**

### **DWS23-1023 WTE**

#### **APPOINTMENT OF A PANEL OF SERVICE PROVIDER TO SUPPLY, DELIVER AND OFFLOADING OF VARIOUS PIPESTO VARIOUS PROJECTS FOR A PERIOD OF 36 MONTHS TO DWS CONSTRUCTION NORTH IN THE LIMPOPO PROVINCE**

##### **1. INSTRUCTIONS TO BIDDERS**

###### **CONTENTS**

1. Issuing of documents
2. Queries with respect to this bid
3. Completion of Bids
4. Submission of Bids
5. Signature on Bids
6. General Conditions of Contract
7. Bids to comply with documents
8. Telegraphic bids
9. The Department's right to decline any bid
10. Department is not liable for bidder's expenses
11. Payments made under this contract
12. Evaluation Criteria
13. Rejection of bids
14. Results of bids

## **INSTRUCTIONS TO BIDDERS**

### **1. ISSUING OF DOCUMENTS**

- (a) A complete set of bid documents are available from the DWS website.
- (b) Bidders must satisfy themselves that the document is complete and conform to the index of this document. Should any figures or writing be indistinct, or should any pages be missing from this document, or should this document contain any obvious errors, the Bidders must immediately notify the Department to have any discrepancy rectified or clarified before submitting his bid. Such clarification will be valid only if made by the Department by means of formal amendment as described hereunder prior to the date of submission of bids. The Department may issue amendments to clarify or modify the Bid Documents. A copy of each amendment will be issued to each bidder and shall be acknowledged on the form issued with the amendments. No claim whatsoever will be entertained for faults in the bid price resulting from the above-mentioned discrepancies.
- (c) No alterations, omissions or additions shall be made to this document, but should it be deemed necessary to do so, the Bidder is at liberty to qualify his bid.
- (d) All Bidders shall be deemed to have waived, renounced and abandoned any conditions printed or written upon any stationery used by them for the purpose of or in connection with the submission of bids which conflict with the conditions laid down in this document.
- (e) Each page of the completed document that will be submitted should be initialled by the Bidder at the bottom of the page.

### **2. QUERIES WITH RESPECT TO THIS BID**

Queries of a specific technical nature should be directed to J. Mutshinya in writing to: The Director, Construction Support, Department of Water and Sanitation at [mutshinyaJ@dws.gov.za](mailto:mutshinyaJ@dws.gov.za)./ [bidenquirieswte@dws.gov.za](mailto:bidenquirieswte@dws.gov.za)

### **3. COMPLETION OF BIDS**

- (a) The bid must be signed on the Invitation to Bid form (SBD 1) annexed hereto with all blanks in the bid and the appendix filled in.
- (b) All spaces in the bid forms and other annexures shall be completed in full.
- (c) Section 3 in the bid document and the Pricing Schedule must be fully completed and priced out by the bidder, including the section dealing with price escalation. Failure to do so will deem your bid invalid.
- (d) The bid documents shall not be separated in any way, nor must any pages be detached from the original documents.

### **4. SUBMISSION OF BIDS**

The Bid Document shall be completed, signed, and submitted as follows:

- (a) The original Bid, together with a covering letter and supporting documents, shall be sealed in an envelope endorsed:

**"ORIGINAL DWS23-1023 WTE FOR BID APPOINTMENT OF A PANEL OF SERVICE PROVIDER TO SUPPLY, DELIVER AND OFFLOADING OF VARIOUS PIPESTO VARIOUS PROJECTS FOR A PERIOD OF 36 MONTHS TO DWS CONSTRUCTION NORTH IN THE LIMPOPO PROVINCE**  
and the name of the Bidder shall be clearly shown.

- (b) Bids sealed and endorsed as above, should be deposited in the bid box at the entrance of the ZwaMadaka Building, 157 Francis Baard Street, Pretoria and not later than 11:00 on the date stipulated on the front cover of this document.
- (c) The successful bidder will be required to submit a "Letter from the manufacturer/ supplier" confirming the supply arrangement at the closing time of the bid. Failure to comply with this requirement shall result in the bid being disqualified.

## **5. SIGNATURE ON BIDS**

If the bid is submitted by joint venture of more than one person and/or Companies and/or firms it shall be accompanied by the following:

- (a) The original or a notarial certified copy of the original document under which such joint venture was constituted which must define precisely inter alia the conditions under which the joint venture will function, its period of duration and the participation of the several constituent persons and/or companies and/or firms.
- (b) A certificate signed by or on behalf of each participating person and/or company and/or firm authorising the person who signed the bid to do so.

## **6. GENERAL CONDITIONS OF CONTRACT**

The General Conditions of Contract (National Treasury 2010), as attached shall be regarded as an integral part of the contract documents.

## **7. BIDDERS TO COMPLY WITH DOCUMENTS**

Where applicable, Bidders must allow in their Bids for all labour, material, machinery, and everything necessary for the execution and completion of the Contract in accordance with the bid documents. No alterations may be made in the Invitation to Bid, Schedule of Quantities or other documents and the bid will be deemed to comply entirely with the terms of the documents.

## **8. TELEGRAPHIC BIDS**

No bid forwarded by telegram, telex, facsimile, e-mail, or similar apparatus will be considered.

## **9. THE DEPARTMENTS RIGHT TO DECLINE ANY BID**

The Department does not bind itself to accept the lowest or any bid.

## **10. DEPARTMENT NOT LIABLE FOR BIDDER'S EXPENSES**

The Department will not be held liable for any expenses incurred in preparing and submitting bids.

## **11. PAYMENTS UNDER THE CONTRACT**

All payments due to the Bidders in terms of the contract will be done by means of Electronic Fund Transfer.

## **12. EVALUATION CRITERIA**

- Bids will be evaluated in three (3) phases as per Preferential Procurement Regulations, 2022 issued in terms of section 5 of the Preferential Procurement Policy Framework Act, Act No. 5 of 2000 (PPPFA). Three (3) evaluation phases are as follows:



| Phases  | Evaluation Criteria  | Weighting              |
|---------|--|------------------------|
| Phase 1 | Mandatory Requirements   | Compliance             |
| Phase 2 | Functionality Requirements   | Threshold of 70 points |
| Phase 3 | Administrative Requirements<br>*Objective Criteria – Local Content | Compliance             |

**\*The objective of the bid is to award to bidders with Locally Produced Products**

#### **Phase 1:**

##### **Mandatory Requirements**

Failure to submit any of the documents listed below will render your bid non-responsive and will be disqualified.

**Yes - list the relevant documents required on the table below**  
**Yes - list the relevant documents required on the table below**

**Table 1**

| No | Criteria  | Yes | No |
|----|---|-----|----|
| 1  | Attendance of compulsory briefing session   |     |    |
| 2  | A letter from the manufacturer/ supplier confirming supply arrangements (the letter should be on the letter head of the manufacturer/ supplier addressed to the bidder and be signed by the manufacturer/supplier. The letter should include the contact details of the manufacturer) |     |    |
| 3  | Provide a certificate of compliance in accordance SANS 966-1 for uPVC either from the bidder or the manufacturer  |     |    |
| 4  | Provide a certificate of compliance in accordance SANS 966-2 for mPVC either from the bidder or the manufacturer  |     |    |
| 5  | Provide a certificate of compliance in accordance SANS 16422 for oPVC either from the bidder or the manufacturer  |     |    |

**NOTE: Bidders (if not manufacturer) to submit certificate of compliance from the manufacturer confirming SANS compliance**

#### **Phase 2: Functionality Table (minimum score of 70)**

Bidders shall then be evaluated on functionality after meeting all compliance requirements outlined above. The minimum threshold for technical/functionality requirements is 70% as per the standard Evaluation Criteria presented in Table below. Bidders who score below this minimum requirement shall not be considered for further evaluation in Phase 3.

| ITEM         | CRITERIA  | WEIGHT     |
|--------------|---|------------|
|              |   |            |
| 1            | Company Experience                                | 60         |
| 2            | Transportation and handling equipment (ownership) | 40         |
| <b>TOTAL</b> |   | <b>100</b> |

| No.                         | Criteria  | Points Value | Weight of Criterion | Bidder Score |
|-----------------------------|---|--------------|---------------------|--------------|
| 1.                          | <b>Company Experience</b><br><br>The tenderer must provide reference letters where the supply and delivery of pipes was carried out successfully with minimum value of R2 million.<br><br>Provide signed client reference letters with contact details to enable verification   |              | <b>60</b>           |              |
|                             | 5 or more projects  | 60           |                     |              |
|                             | 4 projects  | 48           |                     |              |
|                             | 3 projects  | 36           |                     |              |
|                             | 2 projects  | 24           |                     |              |
|                             | 1 project   | 12           |                     |              |
|                             |   |              |                     |              |
| 2.                          | <b>Transportation and handling equipment (ownership)</b><br>The Bidder to provide evidence of plant, vehicles and machinery owned or to be hired/rented to carry out the project.<br><br>Registration Certificates of the plant or the letter from the Lessor confirming the agreement should be attached.<br><b>Failure to submit will result in zero points for Transportation and handling equipment</b> |              | <b>40</b>           |              |
|                             | Truck and Forklift -Owned   | 40           |                     |              |
|                             | Truck only - Owned  | 27           |                     |              |
|                             | Forklift only- Owned  | 13           |                     |              |
|                             |   |              |                     |              |
|                             | Truck and Forklift – To be Hired  | 30           |                     |              |
|                             | Truck only – To be hired  | 20           |                     |              |
|                             | Forklift only- To be hired  | 10           |                     |              |
| <b>TOTAL MAXIMUM POINTS</b> |   |              | <b>100</b>          |              |

### Phase 3:

#### Administrative Compliance:

Bidders are required to comply with the following listed below:

**Table 2**

| No | Criteria   | Yes | No |
|----|--|-----|----|
| 1  | Companies must be registered with National Treasury's Central Supplier Database and must submit CSD report. Provide MAAA number on SBD1  |     |    |
| 2  | Tax compliant with SARS. Attach Tax Compliance status PIN page (to be verified through CSD or SARS).   |     |    |
| 3  | Active registration with Company Intellectual Property Commission (to be verified through CSD and CIPC). Attach copy of CIPC / CIPRO certificate.  |     |    |
| 4  | An original or certified copy of B-BBEE Status Level Verification Certificate or a valid original sworn affidavit (failure to submit, the Bidder will forfeit the relevant points allocated for B-BBEE under specific goals)   |     |    |
| 5  | A valid letter of Good Standing with the Compensation Commissioner in terms of the Compensation for Occupational Injuries and Diseases Act No. 130 of 1993 and or third parties' insurance registered with Financial Service Board   |     |    |
| 6  | Initial and sign Section 2 Tender data   |     |    |
| 7  | Letter of appointment of duly authorized person to sign bid. Proof of such authority must be submitted with the bid.<br><br>If by an individual, must be signed by that individual or by someone on his behalf duly authorised thereto and proof of such authority must be produced.<br><br>If the bid is by a Company, it must be signed by a person duly authorised thereto by a Resolution of a Board of Directors a copy of which Resolution, duly certified by the Chairman of the Company is to be submitted with the bid.   |     |    |
| 8  | <p>The stipulated minimum threshold percentage for local production and content of pipes sector as per stipulated by the Department of Trade, Industry and Competition (DTIC) is applicable.<br/>Please make yourself aware of the stipulated minimum threshold percentage of the specific item(s) as per the specifications. Annexure C need to be complete and is available on the Department: Trade and Industry website. (<a href="http://www.thedtic.gov.za/">http://www.thedtic.gov.za/</a>).</p> <p><b>Objective Criteria</b></p> <ul style="list-style-type: none"> <li>• In terms of section 2(1) (f) of the PPPFA, the state may award a contract to a tenderer that did not score the highest points.</li> <li>• With the above provision, a tender may be awarded to a bidder offering goods that meet the local content requirements than the tenderer scoring the highest points.</li> <li>• A letter from the local manufacturer confirming local production and content outlining types and sizes of the items to be provided must be submitted.</li> <li>• The stipulated minimum threshold percentage for local production and content of <b>pipes products is 100%</b> as stipulated by the Department of Trade, Industry and Competition (<b>THE DTIC</b>) is applicable.</li> <li>• Bidders are therefore required to submit manufacturer letter(s) or Local Content Declaration form and its annexures for this purpose. Items that are claimed to be manufactured locally and the manufacturer's letter or Local Content Declaration form and its annexures are not submitted will not be considered as locally being manufactured (This is applicable during sourcing of quotations).</li> <li>• An exemption letter from <b>THE DTIC</b> must be obtained as per the exemption process followed by <b>THE DTIC</b> for items or materials that are imported and in cases whereby local content requirements cannot be met for various reasons (see exemption process followed by <b>THE DTIC</b>).</li> </ul> |     |    |

| No | Criteria  | Yes | No |
|----|---|-----|----|
|    | Substantial supporting documents may be required at any point in time before and after award of the contract. Due diligence, which includes site visits, may be conducted in this regard. |     |    |
| 9  | Complete, sign, submit SDB1, SBD 4, SBD 6.1,  |     |    |

# **LOCAL PRODUCTION AND CONTENT**

| 1. UNPLASTICISED POLY VINYL CHLORIDE (PVC-U) SPIGOT AND SOCKET PIPES IN 6M LENGTHS |             |        |        |        |         |         |         |                   |        |            |  |
|--|-------------|--------|--------|--------|---------|---------|---------|-------------------|--------|------------|--|
| MOPANI DISTRICT MUNICIPALITY   |             |        |        |        |         |         |         |                   |        |            |  |
| 1.1 TZANEEN DAM, BABANANA WATER PROJECT AND GIYANI WATER SERVICES PROJECT          |             |        |        |        |         |         |         |                   |        |            |  |
| Item No.   | Description | Class  |        |        |         |         |         | MINIMUM THRESHOLD | Comply | Not Comply | Name of Manufacturer as per the submitted letter |
|  |             |        |        |        |         |         |         |                   |        |            |  |
| 1.1.1  | 50mm        | Class4 | Class6 | Class9 | Class12 | Class16 | Class20 | 100%              |        |            |  |
| 1.1.2  | 63mm        | Class4 | Class6 | Class9 | Class12 | Class16 | Class20 | 100%              |        |            |  |
| 1.1.3  | 75mm        | Class4 | Class6 | Class9 | Class12 | Class16 | Class20 | 100%              |        |            |  |
| 1.1.4  | 90mm        | Class4 | Class6 | Class9 | Class12 | Class16 | Class20 | 100%              |        |            |  |
| 1.1.5  | 110mm       | Class4 | Class6 | Class9 | Class12 | Class16 | Class20 | 100%              |        |            |  |
| 1.1.6  | 125mm       | Class4 | Class6 | Class9 | Class12 | Class16 | Class20 | 100%              |        |            |  |
| 1.1.7  | 140mm       | Class4 | Class6 | Class9 | Class12 | Class16 | Class20 | 100%              |        |            |  |
| 1.1.8  | 160mm       | Class4 | Class6 | Class9 | Class12 | Class16 | Class20 | 100%              |        |            |  |
| 1.1.9  | 200mm       | Class4 | Class6 | Class9 | Class12 | Class16 | Class20 | 100%              |        |            |  |
| 1.1.10   | 250mm       | Class4 | Class6 | Class9 | Class12 | Class16 | Class20 | 100%              |        |            |  |
| 1.1.11   | 315mm       | Class4 | Class6 | Class9 | Class12 | Class16 | Class20 | 100%              |        |            |  |
| 1.1.12   | 355mm       | Class4 | Class6 | Class9 | Class12 | Class16 | Class20 | 100%              |        |            |  |
| 1.1.13   | 400mm       | Class4 | Class6 | Class9 | Class12 | Class16 | Class20 | 100%              |        |            |  |
| 1.1.14   | 450mm       | Class4 | Class6 | Class9 | Class12 | Class16 | Class20 | 100%              |        |            |  |
| 1.1.15   | 500mm       | Class4 | Class6 | Class9 | Class12 | Class16 | Class20 | 100%              |        |            |  |

|        |       |        |        |        |         |         |         |      |  |  |  |
|--------|-------|--------|--------|--------|---------|---------|---------|------|--|--|--|
| 1.1.16 | 560mm | Class4 | Class6 | Class9 | Class12 | Class16 | Class20 | 100% |  |  |  |
| 1.1.17 | 630mm | Class4 | Class6 | Class9 | Class12 | Class16 | Class20 | 100% |  |  |  |

| <b>VHEMBE DISTRICT MUNICIPALITY</b>   |                    |              |        |        |         |         |         |                          |               |                   |   |
|---|--------------------|--------------|--------|--------|---------|---------|---------|--------------------------|---------------|-------------------|---|
| <b>1.2 NANDONI DAM REMEDIAL ACTION, MAKHADO BULK WATER SUPPLY AND NZHELELE CANAL REHABILITATION PROJECT</b> |                    |              |        |        |         |         |         |                          |               |                   |   |
| <b>Item No.</b>   | <b>Description</b> | <b>Class</b> |        |        |         |         |         | <b>MINIMUM THRESHOLD</b> | <b>Comply</b> | <b>Not Comply</b> | <b>Name of Manufacturer as per the submitted letter</b> |
| 1.2.1   | 50mm               | Class4       | Class6 | Class9 | Class12 | Class16 | Class20 | 100%                     |               |                   |   |
| 1.2.2   | 63mm               | Class4       | Class6 | Class9 | Class12 | Class16 | Class20 | 100%                     |               |                   |   |
| 1.2.3   | 75mm               | Class4       | Class6 | Class9 | Class12 | Class16 | Class20 | 100%                     |               |                   |   |
| 1.2.4   | 90mm               | Class4       | Class6 | Class9 | Class12 | Class16 | Class20 | 100%                     |               |                   |   |
| 1.2.5   | 110mm              | Class4       | Class6 | Class9 | Class12 | Class16 | Class20 | 100%                     |               |                   |   |
| 1.2.6   | 125mm              | Class4       | Class6 | Class9 | Class12 | Class16 | Class20 | 100%                     |               |                   |   |
| 1.2.7   | 140mm              | Class4       | Class6 | Class9 | Class12 | Class16 | Class20 | 100%                     |               |                   |   |
| 1.2.8   | 160mm              | Class4       | Class6 | Class9 | Class12 | Class16 | Class20 | 100%                     |               |                   |   |
| 1.2.9   | 200mm              | Class4       | Class6 | Class9 | Class12 | Class16 | Class20 | 100%                     |               |                   |   |
| 1.2.10  | 250mm              | Class4       | Class6 | Class9 | Class12 | Class16 | Class20 | 100%                     |               |                   |   |
| 1.2.11  | 315mm              | Class4       | Class6 | Class9 | Class12 | Class16 | Class20 | 100%                     |               |                   |   |
| 1.2.12  | 355mm              | Class4       | Class6 | Class9 | Class12 | Class16 | Class20 | 100%                     |               |                   |   |
| 1.2.13  | 400mm              | Class4       | Class6 | Class9 | Class12 | Class16 | Class20 | 100%                     |               |                   |   |
| 1.2.14  | 450mm              | Class4       | Class6 | Class9 | Class12 | Class16 | Class20 | 100%                     |               |                   |   |
| 1.2.15  | 500mm              | Class4       | Class6 | Class9 | Class12 | Class16 | Class20 | 100%                     |               |                   |   |

|        |       |        |        |        |         |         |         |      |  |  |  |
|--------|-------|--------|--------|--------|---------|---------|---------|------|--|--|--|
| 1.2.16 | 560mm | Class4 | Class6 | Class9 | Class12 | Class16 | Class20 | 100% |  |  |  |
| 1.2.17 | 630mm | Class4 | Class6 | Class9 | Class12 | Class16 | Class20 | 100% |  |  |  |

| 1.3 CAPRICORN DISTRICT MUNICIPALITY |             |        |        |        |         |         |         |                   |        |            |  |
|-------------------------------------|-------------|--------|--------|--------|---------|---------|---------|-------------------|--------|------------|--|
| Item No.                            | Description | Class  |        |        |         |         |         | MINIMUM THRESHOLD | Comply | Not Comply | Name of Manufacturer as per the submitted letter |
| 1.3.1                               | 50mm        | Class4 | Class6 | Class9 | Class12 | Class16 | Class20 | 100%              |        |            |  |
| 1.3.2                               | 63mm        | Class4 | Class6 | Class9 | Class12 | Class16 | Class20 | 100%              |        |            |  |
| 1.3.3                               | 75mm        | Class4 | Class6 | Class9 | Class12 | Class16 | Class20 | 100%              |        |            |  |
| 1.3.4                               | 90mm        | Class4 | Class6 | Class9 | Class12 | Class16 | Class20 | 100%              |        |            |  |
| 1.3.5                               | 110mm       | Class4 | Class6 | Class9 | Class12 | Class16 | Class20 | 100%              |        |            |  |
| 1.3.6                               | 125mm       | Class4 | Class6 | Class9 | Class12 | Class16 | Class20 | 100%              |        |            |  |
| 1.3.7                               | 140mm       | Class4 | Class6 | Class9 | Class12 | Class16 | Class20 | 100%              |        |            |  |
| 1.3.8                               | 160mm       | Class4 | Class6 | Class9 | Class12 | Class16 | Class20 | 100%              |        |            |  |
| 1.3.9                               | 200mm       | Class4 | Class6 | Class9 | Class12 | Class16 | Class20 | 100%              |        |            |  |
| 1.3.10                              | 250mm       | Class4 | Class6 | Class9 | Class12 | Class16 | Class20 | 100%              |        |            |  |
| 1.3.11                              | 315mm       | Class4 | Class6 | Class9 | Class12 | Class16 | Class20 | 100%              |        |            |  |
| 1.3.12                              | 355mm       | Class4 | Class6 | Class9 | Class12 | Class16 | Class20 | 100%              |        |            |  |
| 1.3.13                              | 400mm       | Class4 | Class6 | Class9 | Class12 | Class16 | Class20 | 100%              |        |            |  |
| 1.3.14                              | 450mm       | Class4 | Class6 | Class9 | Class12 | Class16 | Class20 | 100%              |        |            |  |
| 1.3.15                              | 500mm       | Class4 | Class6 | Class9 | Class12 | Class16 | Class20 | 100%              |        |            |  |
| 1.3.16                              | 560mm       | Class4 | Class6 | Class9 | Class12 | Class16 | Class20 | 100%              |        |            |  |

|                 |   |              |        |        |         |         |         |                          |               |                   |   |
|-----------------|---|--------------|--------|--------|---------|---------|---------|--------------------------|---------------|-------------------|---|
| 1.3.17          | 630mm                                       | Class4       | Class6 | Class9 | Class12 | Class16 | Class20 | 100%                     |               |                   |   |
|                 | <b>1.4 SEKHUKHUNE DISTRICT MUNICIPALITY</b> |              |        |        |         |         |         |                          |               |                   |   |
|                 |   |              |        |        |         |         |         |                          |               |                   |   |
| <b>Item No.</b> | <b>Description</b>                          | <b>Class</b> |        |        |         |         |         | <b>MINIMUM THRESHOLD</b> | <b>Comply</b> | <b>Not Comply</b> | <b>Name of Manufacturer as per the submitted letter</b> |
| 1.4.1           | 50mm  | Class4       | Class6 | Class9 | Class12 | Class16 | Class20 | 100%                     |               |                   |   |
| 1.4.2           | 63mm  | Class4       | Class6 | Class9 | Class12 | Class16 | Class20 | 100%                     |               |                   |   |
| 1.4.3           | 75mm  | Class4       | Class6 | Class9 | Class12 | Class16 | Class20 | 100%                     |               |                   |   |
| 1.4.4           | 90mm  | Class4       | Class6 | Class9 | Class12 | Class16 | Class20 | 100%                     |               |                   |   |
| 1.4.5           | 110mm                                       | Class4       | Class6 | Class9 | Class12 | Class16 | Class20 | 100%                     |               |                   |   |
| 1.4.6           | 125mm                                       | Class4       | Class6 | Class9 | Class12 | Class16 | Class20 | 100%                     |               |                   |   |
| 1.4.7           | 140mm                                       | Class4       | Class6 | Class9 | Class12 | Class16 | Class20 | 100%                     |               |                   |   |
| 1.4.8           | 160mm                                       | Class4       | Class6 | Class9 | Class12 | Class16 | Class20 | 100%                     |               |                   |   |
| 1.4.9           | 200mm                                       | Class4       | Class6 | Class9 | Class12 | Class16 | Class20 | 100%                     |               |                   |   |
| 1.4.10          | 250mm                                       | Class4       | Class6 | Class9 | Class12 | Class16 | Class20 | 100%                     |               |                   |   |
| 1.4.11          | 315mm                                       | Class4       | Class6 | Class9 | Class12 | Class16 | Class20 | 100%                     |               |                   |   |
| 1.4.12          | 355mm                                       | Class4       | Class6 | Class9 | Class12 | Class16 | Class20 | 100%                     |               |                   |   |
| 1.4.13          | 400mm                                       | Class4       | Class6 | Class9 | Class12 | Class16 | Class20 | 100%                     |               |                   |   |
| 1.4.14          | 450mm                                       | Class4       | Class6 | Class9 | Class12 | Class16 | Class20 | 100%                     |               |                   |   |
| 1.4.15          | 500mm                                       | Class4       | Class6 | Class9 | Class12 | Class16 | Class20 | 100%                     |               |                   |   |
| 1.4.16          | 560mm                                       | Class4       | Class6 | Class9 | Class12 | Class16 | Class20 | 100%                     |               |                   |   |
| 1.4.17          | 630mm                                       | Class4       | Class6 | Class9 | Class12 | Class16 | Class20 | 100%                     |               |                   |   |
|                 |   |              |        |        |         |         |         |                          |               |                   |   |



|                 | <b>1.5 WATERBERG DISTRICT MUNICIPALITY</b> |              |        |        |         |         |         |                          |               |                   |   |
|-----------------|--|--------------|--------|--------|---------|---------|---------|--------------------------|---------------|-------------------|---|
| <b>Item No.</b> | <b>Description</b>                         | <b>Class</b> |        |        |         |         |         | <b>MINIMUM THRESHOLD</b> | <b>Comply</b> | <b>Not Comply</b> | <b>Name of Manufacturer as per the submitted letter</b> |
| 1.5.1           | 50mm                                       | Class4       | Class6 | Class9 | Class12 | Class16 | Class20 | 100%                     |               |                   |   |
| 1.5.2           | 63mm                                       | Class4       | Class6 | Class9 | Class12 | Class16 | Class20 | 100%                     |               |                   |   |
| 1.5.3           | 75mm                                       | Class4       | Class6 | Class9 | Class12 | Class16 | Class20 | 100%                     |               |                   |   |
| 1.5.4           | 90mm                                       | Class4       | Class6 | Class9 | Class12 | Class16 | Class20 | 100%                     |               |                   |   |
| 1.5.5           | 110mm                                      | Class4       | Class6 | Class9 | Class12 | Class16 | Class20 | 100%                     |               |                   |   |
| 1.5.6           | 125mm                                      | Class4       | Class6 | Class9 | Class12 | Class16 | Class20 | 100%                     |               |                   |   |
| 1.5.7           | 140mm                                      | Class4       | Class6 | Class9 | Class12 | Class16 | Class20 | 100%                     |               |                   |   |
| 1.5.8           | 160mm                                      | Class4       | Class6 | Class9 | Class12 | Class16 | Class20 | 100%                     |               |                   |   |
| 1.5.9           | 200mm                                      | Class4       | Class6 | Class9 | Class12 | Class16 | Class20 | 100%                     |               |                   |   |
| 1.5.10          | 250mm                                      | Class4       | Class6 | Class9 | Class12 | Class16 | Class20 | 100%                     |               |                   |   |
| 1.5.11          | 315mm                                      | Class4       | Class6 | Class9 | Class12 | Class16 | Class20 | 100%                     |               |                   |   |
| 1.5.12          | 355mm                                      | Class4       | Class6 | Class9 | Class12 | Class16 | Class20 | 100%                     |               |                   |   |
| 1.5.13          | 400mm                                      | Class4       | Class6 | Class9 | Class12 | Class16 | Class20 | 100%                     |               |                   |   |
| 1.5.14          | 450mm                                      | Class4       | Class6 | Class9 | Class12 | Class16 | Class20 | 100%                     |               |                   |   |
| 1.5.15          | 500mm                                      | Class4       | Class6 | Class9 | Class12 | Class16 | Class20 | 100%                     |               |                   |   |
| 1.5.16          | 560mm                                      | Class4       | Class6 | Class9 | Class12 | Class16 | Class20 | 100%                     |               |                   |   |
| 1.5.17          | 630mm                                      | Class4       | Class6 | Class9 | Class12 | Class16 | Class20 | 100%                     |               |                   |   |

| 2. MODIFIED POLY VINLY CHLORIDE (PVC-M) SPIGOT AND SOCKET PIPES IN 6M LENGTHS |             |        |        |        |         |         |         |                   |        |            |  |
|---|-------------|--------|--------|--------|---------|---------|---------|-------------------|--------|------------|--|
| MOPANI DISTRICT MUNICIPALITY  |             |        |        |        |         |         |         |                   |        |            |  |
| 2.1 TZANEEN DAM, BABANANA WATER PROJECT AND GIYANI WATER SERVICES PROJECT     |             |        |        |        |         |         |         |                   |        |            |  |
| Item No.  | Description | Class  |        |        |         |         |         | MINIMUM THRESHOLD | Comply | Not Comply | Name of Manufacturer as per the submitted letter |
|   |             |        |        |        |         |         |         |                   |        |            |  |
| 2.1.1   | 50mm        | Class4 | Class6 | Class9 | Class12 | Class16 | Class20 | 100%              |        |            |  |
| 2.1.2   | 63mm        | Class4 | Class6 | Class9 | Class12 | Class16 | Class20 | 100%              |        |            |  |
| 2.1.3   | 75mm        | Class4 | Class6 | Class9 | Class12 | Class16 | Class20 | 100%              |        |            |  |
| 2.1.4   | 90mm        | Class4 | Class6 | Class9 | Class12 | Class16 | Class20 | 100%              |        |            |  |
| 2.1.5   | 110mm       | Class4 | Class6 | Class9 | Class12 | Class16 | Class20 | 100%              |        |            |  |
| 2.1.6   | 125mm       | Class4 | Class6 | Class9 | Class12 | Class16 | Class20 | 100%              |        |            |  |
| 2.1.7   | 140mm       | Class4 | Class6 | Class9 | Class12 | Class16 | Class20 | 100%              |        |            |  |
| 2.1.8   | 160mm       | Class4 | Class6 | Class9 | Class12 | Class16 | Class20 | 100%              |        |            |  |
| 2.1.9   | 200mm       | Class4 | Class6 | Class9 | Class12 | Class16 | Class20 | 100%              |        |            |  |
| 2.1.10  | 250mm       | Class4 | Class6 | Class9 | Class12 | Class16 | Class20 | 100%              |        |            |  |
| 2.1.11  | 315mm       | Class4 | Class6 | Class9 | Class12 | Class16 | Class20 | 100%              |        |            |  |
| 2.1.12  | 355mm       | Class4 | Class6 | Class9 | Class12 | Class16 | Class20 | 100%              |        |            |  |
| 2.1.13  | 400mm       | Class4 | Class6 | Class9 | Class12 | Class16 | Class20 | 100%              |        |            |  |
| 2.1.14  | 450mm       | Class4 | Class6 | Class9 | Class12 | Class16 | Class20 | 100%              |        |            |  |
| 2.1.15  | 500mm       | Class4 | Class6 | Class9 | Class12 | Class16 | Class20 | 100%              |        |            |  |

|        |       |        |        |        |         |         |         |      |  |  |  |
|--------|-------|--------|--------|--------|---------|---------|---------|------|--|--|--|
| 2.1.16 | 560mm | Class4 | Class6 | Class9 | Class12 | Class16 | Class20 | 100% |  |  |  |
| 2.1.17 | 630mm | Class4 | Class6 | Class9 | Class12 | Class16 | Class20 | 100% |  |  |  |

|                 | <b>VHEMBE DISTRICT MUNICIPALITY</b>   |              |        |        |         |         |         |                          |               |                   |   |
|-----------------|---|--------------|--------|--------|---------|---------|---------|--------------------------|---------------|-------------------|---|
|                 | <b>2.2 NANDONI DAM REMEDIAL ACTION, MAKHADO BULK WATER SUPPLY AND NZHELELE CANAL REHABILITATION PROJECT</b> |              |        |        |         |         |         |                          |               |                   |   |
| <b>Item No.</b> | <b>Description</b>  | <b>Class</b> |        |        |         |         |         | <b>MINIMUM THRESHOLD</b> | <b>Comply</b> | <b>Not Comply</b> | <b>Name of Manufacturer as per the submitted letter</b> |
|                 |   |              |        |        |         |         |         |                          |               |                   |   |
| 2.2.1           | 50mm  | Class4       | Class6 | Class9 | Class12 | Class16 | Class20 | 100%                     |               |                   |   |
| 2.2.2           | 63mm  | Class4       | Class6 | Class9 | Class12 | Class16 | Class20 | 100%                     |               |                   |   |
| 2.2.3           | 75mm  | Class4       | Class6 | Class9 | Class12 | Class16 | Class20 | 100%                     |               |                   |   |
| 2.2.4           | 90mm  | Class4       | Class6 | Class9 | Class12 | Class16 | Class20 | 100%                     |               |                   |   |
| 2.2.5           | 110mm   | Class4       | Class6 | Class9 | Class12 | Class16 | Class20 | 100%                     |               |                   |   |
| 2.2.6           | 125mm   | Class4       | Class6 | Class9 | Class12 | Class16 | Class20 | 100%                     |               |                   |   |
| 2.2.7           | 140mm   | Class4       | Class6 | Class9 | Class12 | Class16 | Class20 | 100%                     |               |                   |   |
| 2.2.8           | 160mm   | Class4       | Class6 | Class9 | Class12 | Class16 | Class20 | 100%                     |               |                   |   |
| 2.2.9           | 200mm   | Class4       | Class6 | Class9 | Class12 | Class16 | Class20 | 100%                     |               |                   |   |
| 2.2.10          | 250mm   | Class4       | Class6 | Class9 | Class12 | Class16 | Class20 | 100%                     |               |                   |   |
| 2.2.11          | 315mm   | Class4       | Class6 | Class9 | Class12 | Class16 | Class20 | 100%                     |               |                   |   |
| 2.2.12          | 355mm   | Class4       | Class6 | Class9 | Class12 | Class16 | Class20 | 100%                     |               |                   |   |

|        |       |        |        |        |         |         |         |      |  |  |  |
|--------|-------|--------|--------|--------|---------|---------|---------|------|--|--|--|
| 2.2.13 | 400mm | Class4 | Class6 | Class9 | Class12 | Class16 | Class20 | 100% |  |  |  |
| 2.2.14 | 450mm | Class4 | Class6 | Class9 | Class12 | Class16 | Class20 | 100% |  |  |  |
| 2.2.15 | 500mm | Class4 | Class6 | Class9 | Class12 | Class16 | Class20 | 100% |  |  |  |
| 2.2.16 | 560mm | Class4 | Class6 | Class9 | Class12 | Class16 | Class20 | 100% |  |  |  |
| 2.2.17 | 630mm | Class4 | Class6 | Class9 | Class12 | Class16 | Class20 | 100% |  |  |  |

| 2.3 CAPRICORN DISTRICT MUNICIPALITY |             |        |        |        |         |         |         |                   |        |            |  |
|-------------------------------------|-------------|--------|--------|--------|---------|---------|---------|-------------------|--------|------------|--|
| Item No.                            | Description | Class  |        |        |         |         |         | MINIMUM THRESHOLD | Comply | Not Comply | Name of Manufacturer as per the submitted letter |
|                                     |             |        |        |        |         |         |         |                   |        |            |  |
| 2.3.1                               | 50mm        | Class4 | Class6 | Class9 | Class12 | Class16 | Class20 | 100%              |        |            |  |
| 2.3.2                               | 63mm        | Class4 | Class6 | Class9 | Class12 | Class16 | Class20 | 100%              |        |            |  |
| 2.3.3                               | 75mm        | Class4 | Class6 | Class9 | Class12 | Class16 | Class20 | 100%              |        |            |  |
| 2.3.4                               | 90mm        | Class4 | Class6 | Class9 | Class12 | Class16 | Class20 | 100%              |        |            |  |
| 2.3.5                               | 110mm       | Class4 | Class6 | Class9 | Class12 | Class16 | Class20 | 100%              |        |            |  |
| 2.3.6                               | 125mm       | Class4 | Class6 | Class9 | Class12 | Class16 | Class20 | 100%              |        |            |  |
| 2.3.7                               | 140mm       | Class4 | Class6 | Class9 | Class12 | Class16 | Class20 | 100%              |        |            |  |
| 2.3.8                               | 160mm       | Class4 | Class6 | Class9 | Class12 | Class16 | Class20 | 100%              |        |            |  |
| 2.3.9                               | 200mm       | Class4 | Class6 | Class9 | Class12 | Class16 | Class20 | 100%              |        |            |  |
| 2.3.10                              | 250mm       | Class4 | Class6 | Class9 | Class12 | Class16 | Class20 | 100%              |        |            |  |

|                 |  |              |        |        |         |         |         |                          |               |                   |   |
|-----------------|--|--------------|--------|--------|---------|---------|---------|--------------------------|---------------|-------------------|---|
| 2.3.11          | 315mm                                      | Class4       | Class6 | Class9 | Class12 | Class16 | Class20 | 100%                     |               |                   |   |
| 2.3.12          | 355mm                                      | Class4       | Class6 | Class9 | Class12 | Class16 | Class20 | 100%                     |               |                   |   |
| 2.3.13          | 400mm                                      | Class4       | Class6 | Class9 | Class12 | Class16 | Class20 | 100%                     |               |                   |   |
| 2.3.14          | 450mm                                      | Class4       | Class6 | Class9 | Class12 | Class16 | Class20 | 100%                     |               |                   |   |
| 2.3.15          | 500mm                                      | Class4       | Class6 | Class9 | Class12 | Class16 | Class20 | 100%                     |               |                   |   |
| 2.3.16          | 560mm                                      | Class4       | Class6 | Class9 | Class12 | Class16 | Class20 | 100%                     |               |                   |   |
| 2.3.17          | 630mm                                      | Class4       | Class6 | Class9 | Class12 | Class16 | Class20 | 100%                     |               |                   |   |
|                 |  |              |        |        |         |         |         |                          |               |                   |   |
|                 | <b>2.4SEKHUKHUNE DISTRICT MUNICIPALITY</b> |              |        |        |         |         |         |                          |               |                   |   |
|                 |  |              |        |        |         |         |         |                          |               |                   |   |
| <b>Item No.</b> | <b>Description</b>                         | <b>Class</b> |        |        |         |         |         | <b>MINIMUM THRESHOLD</b> | <b>Comply</b> | <b>Not Comply</b> | <b>Name of Manufacturer as per the submitted letter</b> |
|                 |  |              |        |        |         |         |         |                          |               |                   |   |
| 2.5.1           | 50mm                                       | Class4       | Class6 | Class9 | Class12 | Class16 | Class20 | 100%                     |               |                   |   |
| 2.5.2           | 63mm                                       | Class4       | Class6 | Class9 | Class12 | Class16 | Class20 | 100%                     |               |                   |   |
| 2.5.3           | 75mm                                       | Class4       | Class6 | Class9 | Class12 | Class16 | Class20 | 100%                     |               |                   |   |
| 2.5.4           | 90mm                                       | Class4       | Class6 | Class9 | Class12 | Class16 | Class20 | 100%                     |               |                   |   |
| 2.5.5           | 110mm                                      | Class4       | Class6 | Class9 | Class12 | Class16 | Class20 | 100%                     |               |                   |   |
| 2.5.6           | 125mm                                      | Class4       | Class6 | Class9 | Class12 | Class16 | Class20 | 100%                     |               |                   |   |
| 2.5.7           | 140mm                                      | Class4       | Class6 | Class9 | Class12 | Class16 | Class20 | 100%                     |               |                   |   |
| 2.5.8           | 160mm                                      | Class4       | Class6 | Class9 | Class12 | Class16 | Class20 | 100%                     |               |                   |   |
| 2.5.9           | 200mm                                      | Class4       | Class6 | Class9 | Class12 | Class16 | Class20 | 100%                     |               |                   |   |
| 2.5.10          | 250mm                                      | Class4       | Class6 | Class9 | Class12 | Class16 | Class20 | 100%                     |               |                   |   |

|                 |  |              |        |        |         |         |         |                          |               |                   |   |
|-----------------|--|--------------|--------|--------|---------|---------|---------|--------------------------|---------------|-------------------|---|
| 2.5.11          | 315mm                                      | Class4       | Class6 | Class9 | Class12 | Class16 | Class20 | 100%                     |               |                   |   |
| 2.5.12          | 355mm                                      | Class4       | Class6 | Class9 | Class12 | Class16 | Class20 | 100%                     |               |                   |   |
| 2.5.13          | 400mm                                      | Class4       | Class6 | Class9 | Class12 | Class16 | Class20 | 100%                     |               |                   |   |
| 2.5.14          | 450mm                                      | Class4       | Class6 | Class9 | Class12 | Class16 | Class20 | 100%                     |               |                   |   |
| 2.5.15          | 500mm                                      | Class4       | Class6 | Class9 | Class12 | Class16 | Class20 | 100%                     |               |                   |   |
| 2.5.16          | 560mm                                      | Class4       | Class6 | Class9 | Class12 | Class16 | Class20 | 100%                     |               |                   |   |
| 2.5.17          | 630mm                                      | Class4       | Class6 | Class9 | Class12 | Class16 | Class20 | 100%                     |               |                   |   |
|                 |  |              |        |        |         |         |         |                          |               |                   |   |
|                 |  |              |        |        |         |         |         |                          |               |                   |   |
|                 | <b>2.6 WATERBERG DISTRICT MUNICIPALITY</b> |              |        |        |         |         |         |                          |               |                   |   |
| <b>Item No.</b> | <b>Description</b>                         | <b>Class</b> |        |        |         |         |         | <b>MINIMUM THRESHOLD</b> | <b>Comply</b> | <b>Not Comply</b> | <b>Name of Manufacturer as per the submitted letter</b> |
|                 |  |              |        |        |         |         |         |                          |               |                   |   |
| 2.6.1           | 50mm                                       | Class4       | Class6 | Class9 | Class12 | Class16 | Class20 | 100%                     |               |                   |   |
| 2.6.2           | 63mm                                       | Class4       | Class6 | Class9 | Class12 | Class16 | Class20 | 100%                     |               |                   |   |
| 2.6.3           | 75mm                                       | Class4       | Class6 | Class9 | Class12 | Class16 | Class20 | 100%                     |               |                   |   |
| 2.6.4           | 90mm                                       | Class4       | Class6 | Class9 | Class12 | Class16 | Class20 | 100%                     |               |                   |   |
| 2.6.5           | 110mm                                      | Class4       | Class6 | Class9 | Class12 | Class16 | Class20 | 100%                     |               |                   |   |
| 2.6.6           | 125mm                                      | Class4       | Class6 | Class9 | Class12 | Class16 | Class20 | 100%                     |               |                   |   |
| 2.6.7           | 140mm                                      | Class4       | Class6 | Class9 | Class12 | Class16 | Class20 | 100%                     |               |                   |   |
| 2.6.8           | 160mm                                      | Class4       | Class6 | Class9 | Class12 | Class16 | Class20 | 100%                     |               |                   |   |

|        |       |        |        |        |         |         |         |      |  |  |  |
|--------|-------|--------|--------|--------|---------|---------|---------|------|--|--|--|
| 2.6.9  | 200mm | Class4 | Class6 | Class9 | Class12 | Class16 | Class20 | 100% |  |  |  |
| 2.6.10 | 250mm | Class4 | Class6 | Class9 | Class12 | Class16 | Class20 | 100% |  |  |  |
| 2.6.11 | 315mm | Class4 | Class6 | Class9 | Class12 | Class16 | Class20 | 100% |  |  |  |
| 2.6.12 | 355mm | Class4 | Class6 | Class9 | Class12 | Class16 | Class20 | 100% |  |  |  |
| 2.6.13 | 400mm | Class4 | Class6 | Class9 | Class12 | Class16 | Class20 | 100% |  |  |  |
| 2.6.14 | 450mm | Class4 | Class6 | Class9 | Class12 | Class16 | Class20 | 100% |  |  |  |
| 2.6.15 | 500mm | Class4 | Class6 | Class9 | Class12 | Class16 | Class20 | 100% |  |  |  |
| 2.6.16 | 560mm | Class4 | Class6 | Class9 | Class12 | Class16 | Class20 | 100% |  |  |  |
| 2.6.17 | 630mm | Class4 | Class6 | Class9 | Class12 | Class16 | Class20 | 100% |  |  |  |

| 3. POLY VINYL CHLORIDE MOLECULAR ORIENTED (PVC-O) SPIGOT AND SOCKET PIPES IN 5.95M LENGTHS |             |        |      |      |      |                   |        |            |  |  |
|--|-------------|--------|------|------|------|-------------------|--------|------------|--|--|
| MOPANI DISTRICT MUNICIPALITY   |             |        |      |      |      |                   |        |            |  |  |
| 3.1 TZANEEN DAM, BABANANA WATER PROJECT AND GIYANI WATER SERVICES PROJECT                  |             |        |      |      |      |                   |        |            |  |  |
| Item No.   | Description | Class  |      |      |      | MINIMUM THRESHOLD | Comply | Not Comply | Name of Manufacturer as per the submitted letter |  |
|  |             |        |      |      |      |                   |        |            |  |  |
| 3.1.1  | 90mm        | PN12.5 | PN16 | PN20 | PN25 | 100%              |        |            |  |  |
| 3.1.2  | 110mm       | PN12.5 | PN16 | PN20 | PN25 | 100%              |        |            |  |  |
| 3.1.3  | 125mm       | PN12.5 | PN16 | PN20 | PN25 | 100%              |        |            |  |  |
| 3.1.4  | 140mm       | PN12.5 | PN16 | PN20 | PN25 | 100%              |        |            |  |  |
| 3.1.5  | 160mm       | PN12.5 | PN16 | PN20 | PN25 | 100%              |        |            |  |  |
| 3.1.6  | 200mm       | PN12.5 | PN16 | PN20 | PN25 | 100%              |        |            |  |  |

|        |       |        |      |      |      |      |  |  |  |
|--------|-------|--------|------|------|------|------|--|--|--|
| 3.1.7  | 225mm | PN12.5 | PN16 | PN20 | PN25 | 100% |  |  |  |
| 3.1.8  | 250mm | PN12.5 | PN16 | PN20 | PN25 | 100% |  |  |  |
| 3.1.9  | 315mm | PN12.5 | PN16 | PN20 | PN25 | 100% |  |  |  |
| 3.1.10 | 355mm | PN12.5 | PN16 | PN20 | PN25 | 100% |  |  |  |
| 3.1.11 | 400mm | PN12.5 | PN16 | PN20 | PN25 | 100% |  |  |  |
| 3.1.12 | 450mm | PN12.5 | PN16 | PN20 | PN25 | 100% |  |  |  |
| 3.1.13 | 500mm | PN12.5 | PN16 | PN20 | PN25 | 100% |  |  |  |
| 3.1.14 | 560mm | PN12.5 | PN16 | PN20 | PN25 | 100% |  |  |  |
| 3.1.15 | 630mm | PN12.5 | PN16 | PN20 | PN25 | 100% |  |  |  |
| 3.1.16 | 710mm | PN12.5 | PN16 | PN20 | PN25 | 100% |  |  |  |
| 3.1.17 | 800mm | PN12.5 | PN16 | PN20 | PN25 | 100% |  |  |  |

|                 |   |              |      |      |      |      |  |  |  |
|-----------------|---|--------------|------|------|------|------|--|--|--|
|                 | <b>3.2 NANDONI DAM REMEDIAL ACTION, MAKHADO BULK WATER SUPPLY AND NZHELELE CANAL REHABILITATION PROJECT</b> |              |      |      |      |      |  |  |  |
|                 |   |              |      |      |      |      |  |  |  |
| <b>Item No.</b> | <b>Description</b>  | <b>Class</b> |      |      |      |      |  |  |  |
|                 |   |              |      |      |      |      |  |  |  |
| 3.2.1           | 90mm  | PN12.5       | PN16 | PN20 | PN25 | 100% |  |  |  |
| 3.2.2           | 110mm   | PN12.5       | PN16 | PN20 | PN25 | 100% |  |  |  |
| 3.2.3           | 125mm   | PN12.5       | PN16 | PN20 | PN25 | 100% |  |  |  |
| 3.2.4           | 140mm   | PN12.5       | PN16 | PN20 | PN25 | 100% |  |  |  |
| 3.2.5           | 160mm   | PN12.5       | PN16 | PN20 | PN25 | 100% |  |  |  |



|        |       |        |      |      |      |      |  |  |  |
|--------|-------|--------|------|------|------|------|--|--|--|
| 3.2.6  | 200mm | PN12.5 | PN16 | PN20 | PN25 | 100% |  |  |  |
| 3.2.7  | 225mm | PN12.5 | PN16 | PN20 | PN25 | 100% |  |  |  |
| 3.2.8  | 250mm | PN12.5 | PN16 | PN20 | PN25 | 100% |  |  |  |
| 3.2.9  | 315mm | PN12.5 | PN16 | PN20 | PN25 | 100% |  |  |  |
| 3.2.10 | 355mm | PN12.5 | PN16 | PN20 | PN25 | 100% |  |  |  |
| 3.2.11 | 400mm | PN12.5 | PN16 | PN20 | PN25 | 100% |  |  |  |
| 3.2.12 | 450mm | PN12.5 | PN16 | PN20 | PN25 | 100% |  |  |  |
| 3.2.13 | 500mm | PN12.5 | PN16 | PN20 | PN25 | 100% |  |  |  |
| 3.2.14 | 560mm | PN12.5 | PN16 | PN20 | PN25 | 100% |  |  |  |
| 3.2.15 | 630mm | PN12.5 | PN16 | PN20 | PN25 | 100% |  |  |  |
| 3.2.16 | 710mm | PN12.5 | PN16 | PN20 | PN25 | 100% |  |  |  |
| 3.2.17 | 800mm | PN12.5 | PN16 | PN20 | PN25 | 100% |  |  |  |

| 3.3 CAPRICORN DISTRICT MUNICIPALITY |             |        |      |      |      |                   |        |            |  |
|-------------------------------------|-------------|--------|------|------|------|-------------------|--------|------------|--|
| Item No.                            | Description | Class  |      |      |      | MINIMUM THRESHOLD | Comply | Not Comply | Name of Manufacturer as per the submitted letter |
|                                     |             |        |      |      |      |                   |        |            |  |
| 3.3.1                               | 90mm        | PN12.5 | PN16 | PN20 | PN25 | 100%              |        |            |  |
| 3.3.2                               | 110mm       | PN12.5 | PN16 | PN20 | PN25 | 100%              |        |            |  |
| 3.3.3                               | 125mm       | PN12.5 | PN16 | PN20 | PN25 | 100%              |        |            |  |

|        |       |        |      |      |      |      |  |  |  |
|--------|-------|--------|------|------|------|------|--|--|--|
| 3.3.4  | 140mm | PN12.5 | PN16 | PN20 | PN25 | 100% |  |  |  |
| 3.3.5  | 160mm | PN12.5 | PN16 | PN20 | PN25 | 100% |  |  |  |
| 3.3.6  | 200mm | PN12.5 | PN16 | PN20 | PN25 | 100% |  |  |  |
| 3.3.7  | 225mm | PN12.5 | PN16 | PN20 | PN25 | 100% |  |  |  |
| 3.3.8  | 250mm | PN12.5 | PN16 | PN20 | PN25 | 100% |  |  |  |
| 3.3.9  | 315mm | PN12.5 | PN16 | PN20 | PN25 | 100% |  |  |  |
| 3.3.10 | 355mm | PN12.5 | PN16 | PN20 | PN25 | 100% |  |  |  |
| 3.3.11 | 400mm | PN12.5 | PN16 | PN20 | PN25 | 100% |  |  |  |
| 3.3.12 | 450mm | PN12.5 | PN16 | PN20 | PN25 | 100% |  |  |  |
| 3.3.13 | 500mm | PN12.5 | PN16 | PN20 | PN25 | 100% |  |  |  |
| 3.3.14 | 560mm | PN12.5 | PN16 | PN20 | PN25 | 100% |  |  |  |
| 3.3.15 | 630mm | PN12.5 | PN16 | PN20 | PN25 | 100% |  |  |  |
| 3.3.16 | 710mm | PN12.5 | PN16 | PN20 | PN25 | 100% |  |  |  |
| 3.3.17 | 800mm | PN12.5 | PN16 | PN20 | PN25 | 100% |  |  |  |

| 3.4 SEKHUKHUNE DISTRICT MUNICIPALITY |             |        |      |      |      |                   |        |            |  |
|--------------------------------------|-------------|--------|------|------|------|-------------------|--------|------------|--|
| Item No.                             | Description | Class  |      |      |      | MINIMUM THRESHOLD | Comply | Not Comply | Name of Manufacturer as per the submitted letter |
|                                      |             |        |      |      |      |                   |        |            |  |
| 3.4.1                                | 90mm        | PN12.5 | PN16 | PN20 | PN25 | 100%              |        |            |  |

|        |       |        |      |      |      |      |  |  |  |
|--------|-------|--------|------|------|------|------|--|--|--|
| 3.4.2  | 110mm | PN12.5 | PN16 | PN20 | PN25 | 100% |  |  |  |
| 3.4.3  | 125mm | PN12.5 | PN16 | PN20 | PN25 | 100% |  |  |  |
| 3.4.4  | 140mm | PN12.5 | PN16 | PN20 | PN25 | 100% |  |  |  |
| 3.4.5  | 160mm | PN12.5 | PN16 | PN20 | PN25 | 100% |  |  |  |
| 3.4.6  | 200mm | PN12.5 | PN16 | PN20 | PN25 | 100% |  |  |  |
| 3.4.7  | 225mm | PN12.5 | PN16 | PN20 | PN25 | 100% |  |  |  |
| 3.4.8  | 250mm | PN12.5 | PN16 | PN20 | PN25 | 100% |  |  |  |
| 3.4.9  | 315mm | PN12.5 | PN16 | PN20 | PN25 | 100% |  |  |  |
| 3.4.10 | 355mm | PN12.5 | PN16 | PN20 | PN25 | 100% |  |  |  |
| 3.4.11 | 400mm | PN12.5 | PN16 | PN20 | PN25 | 100% |  |  |  |
| 3.4.12 | 450mm | PN12.5 | PN16 | PN20 | PN25 | 100% |  |  |  |
| 3.4.13 | 500mm | PN12.5 | PN16 | PN20 | PN25 | 100% |  |  |  |
| 3.4.14 | 560mm | PN12.5 | PN16 | PN20 | PN25 | 100% |  |  |  |
| 3.4.15 | 630mm | PN12.5 | PN16 | PN20 | PN25 | 100% |  |  |  |
| 3.5.16 | 710mm | PN12.5 | PN16 | PN20 | PN25 | 100% |  |  |  |
| 3.5.17 | 800mm | PN12.5 | PN16 | PN20 | PN25 | 100% |  |  |  |

|                 |  |              |                |               |                   |   |  |
|-----------------|--|--------------|----------------|---------------|-------------------|---|--|
|                 | <b>3.5 WATERBERG DISTRICT MUNICIPALITY</b> |              |                |               |                   |   |  |
|                 |  |              |                |               |                   |   |  |
| <b>Item No.</b> | <b>Description</b>                         | <b>Class</b> | <b>MINIMUM</b> | <b>Comply</b> | <b>Not Comply</b> | <b>Name of Manufacturer as per the submitted letter</b> |  |

|        |       |        |      |      |      | THRESH<br>OLD |  |  |  |
|--------|-------|--------|------|------|------|---------------|--|--|--|
|        |       |        |      |      |      | 100%          |  |  |  |
| 3.5.1  | 90mm  | PN12.5 | PN16 | PN20 | PN25 | 100%          |  |  |  |
| 3.5.2  | 110mm | PN12.5 | PN16 | PN20 | PN25 | 100%          |  |  |  |
| 3.5.3  | 125mm | PN12.5 | PN16 | PN20 | PN25 | 100%          |  |  |  |
| 3.5.4  | 140mm | PN12.5 | PN16 | PN20 | PN25 | 100%          |  |  |  |
| 3.5.5  | 160mm | PN12.5 | PN16 | PN20 | PN25 | 100%          |  |  |  |
| 3.5.6  | 200mm | PN12.5 | PN16 | PN20 | PN25 | 100%          |  |  |  |
| 3.5.7  | 225mm | PN12.5 | PN16 | PN20 | PN25 | 100%          |  |  |  |
| 3.5.8  | 250mm | PN12.5 | PN16 | PN20 | PN25 | 100%          |  |  |  |
| 3.5.9  | 315mm | PN12.5 | PN16 | PN20 | PN25 | 100%          |  |  |  |
| 3.5.10 | 355mm | PN12.5 | PN16 | PN20 | PN25 | 100%          |  |  |  |
| 3.5.11 | 400mm | PN12.5 | PN16 | PN20 | PN25 | 100%          |  |  |  |
| 3.5.12 | 450mm | PN12.5 | PN16 | PN20 | PN25 | 100%          |  |  |  |
| 3.5.13 | 500mm | PN12.5 | PN16 | PN20 | PN25 | 100%          |  |  |  |
| 3.5.14 | 560mm | PN12.5 | PN16 | PN20 | PN25 | 100%          |  |  |  |
| 3.5.15 | 630mm | PN12.5 | PN16 | PN20 | PN25 | 100%          |  |  |  |
| 3.5.16 | 710mm | PN12.5 | PN16 | PN20 | PN25 | 100%          |  |  |  |
| 3.5.17 | 800mm | PN12.5 | PN16 | PN20 | PN25 | 100%          |  |  |  |

| 4. UNPLASTICISED POLY VINYL CHLORIDE (PVC-U) PRESSURE BENDS               |        |      |      |      |      |       |       |       |       |       |       |       |       |       |       |  |
|---|--------|------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--|
| MOPANI DISTRICT MUNICIPALITY  |        |      |      |      |      |       |       |       |       |       |       |       |       |       |       |  |
| 4.1 TZANEEN DAM, BABANANA WATER PROJECT AND GIYANI WATER SERVICES PROJECT |        |      |      |      |      |       |       |       |       |       |       |       |       |       |       |  |
|   |        |      |      |      |      |       |       |       |       |       |       |       |       |       |       |  |
| Class 4   | 11.25° | 50mm | 63mm | 75mm | 90mm | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm | 450mm | 500mm |  |
|   | 22.5°  | 50mm | 63mm | 75mm | 90mm | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm | 450mm | 500mm |  |
|   | 45°    | 50mm | 63mm | 75mm | 90mm | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm | 450mm | 500mm |  |
|   | 90°    | 50mm | 63mm | 75mm | 90mm | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm | 450mm | 500mm |  |
| Class 6   | 11.25° | 50mm | 63mm | 75mm | 90mm | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm | 450mm | 500mm |  |
|   | 22.5°  | 50mm | 63mm | 75mm | 90mm | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm | 450mm | 500mm |  |
|   | 45°    | 50mm | 63mm | 75mm | 90mm | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm | 450mm | 500mm |  |
|   | 90°    | 50mm | 63mm | 75mm | 90mm | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm | 450mm | 500mm |  |
| Class 9   | 11.25° | 50mm | 63mm | 75mm | 90mm | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm | 450mm | 500mm |  |
|   | 22.5°  | 50mm | 63mm | 75mm | 90mm | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm | 450mm | 500mm |  |
|   | 45°    | 50mm | 63mm | 75mm | 90mm | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm | 450mm | 500mm |  |
|   | 90°    | 50mm | 63mm | 75mm | 90mm | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm | 450mm | 500mm |  |
| Class 12  | 11.25° | 50mm | 63mm | 75mm | 90mm | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm | 450mm | 500mm |  |
|   | 22.5°  | 50mm | 63mm | 75mm | 90mm | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm | 450mm | 500mm |  |
|   | 45°    | 50mm | 63mm | 75mm | 90mm | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm | 450mm | 500mm |  |
|   | 90°    | 50mm | 63mm | 75mm | 90mm | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm | 450mm | 500mm |  |
| Class 16  | 11.25° | 50mm | 63mm | 75mm | 90mm | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm | 450mm | 500mm |  |
|   | 22.5°  | 50mm | 63mm | 75mm | 90mm | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm | 450mm | 500mm |  |

|          |               |   |      |      |      |       |       |       |       |       |       |       |       |       |       |  |
|----------|---------------|---|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--|
|          | <b>45°</b>    | 50mm  | 63mm | 75mm | 90mm | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm | 450mm | 500mm |  |
|          | <b>90°</b>    | 50mm  | 63mm | 75mm | 90mm | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm | 450mm | 500mm |  |
|          |               |   |      |      |      |       |       |       |       |       |       |       |       |       |       |  |
| Class 20 | <b>11.25°</b> | 50mm  | 63mm | 75mm | 90mm | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm | 450mm | 500mm |  |
|          | <b>22.5°</b>  | 50mm  | 63mm | 75mm | 90mm | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm | 450mm | 500mm |  |
|          | <b>45°</b>    | 50mm  | 63mm | 75mm | 90mm | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm | 450mm | 500mm |  |
|          | <b>90°</b>    | 50mm  | 63mm | 75mm | 90mm | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm | 450mm | 500mm |  |
|          |               |   |      |      |      |       |       |       |       |       |       |       |       |       |       |  |
|          |               | <b>VHEMBE DISTRICT MUNICIPALITY</b>   |      |      |      |       |       |       |       |       |       |       |       |       |       |  |
|          |               | <b>4.2 NANDONI DAM REMEDIAL ACTION, MAKHADO BULK WATER SUPPLY AND NZHELELE CANAL REHABILITATION PROJECT</b> |      |      |      |       |       |       |       |       |       |       |       |       |       |  |
|          |               |   |      |      |      |       |       |       |       |       |       |       |       |       |       |  |
|          |               |   |      |      |      |       |       |       |       |       |       |       |       |       |       |  |
| Class 4  | <b>11.25°</b> | 50mm  | 63mm | 75mm | 90mm | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm | 450mm | 500mm |  |
|          | <b>22.5°</b>  | 50mm  | 63mm | 75mm | 90mm | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm | 450mm | 500mm |  |
|          | <b>45°</b>    | 50mm  | 63mm | 75mm | 90mm | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm | 450mm | 500mm |  |
|          | <b>90°</b>    | 50mm  | 63mm | 75mm | 90mm | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm | 450mm | 500mm |  |
|          |               |   |      |      |      |       |       |       |       |       |       |       |       |       |       |  |
| Class 6  | <b>11.25°</b> | 50mm  | 63mm | 75mm | 90mm | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm | 450mm | 500mm |  |
|          | <b>22.5°</b>  | 50mm  | 63mm | 75mm | 90mm | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm | 450mm | 500mm |  |
|          | <b>45°</b>    | 50mm  | 63mm | 75mm | 90mm | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm | 450mm | 500mm |  |
|          | <b>90°</b>    | 50mm  | 63mm | 75mm | 90mm | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm | 450mm | 500mm |  |

|          |               |      |      |      |      |       |       |       |       |       |       |       |       |       |       |  |
|----------|---------------|------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--|
|          |               |      |      |      |      |       |       |       |       |       |       |       |       |       |       |  |
| Class 9  | <b>11.25°</b> | 50mm | 63mm | 75mm | 90mm | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm | 450mm | 500mm |  |
|          | <b>22.5°</b>  | 50mm | 63mm | 75mm | 90mm | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm | 450mm | 500mm |  |
|          | <b>45°</b>    | 50mm | 63mm | 75mm | 90mm | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm | 450mm | 500mm |  |
|          | <b>90°</b>    | 50mm | 63mm | 75mm | 90mm | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm | 450mm | 500mm |  |
|          |               |      |      |      |      |       |       |       |       |       |       |       |       |       |       |  |
| Class 12 | <b>11.25°</b> | 50mm | 63mm | 75mm | 90mm | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm | 450mm | 500mm |  |
|          | <b>22.5°</b>  | 50mm | 63mm | 75mm | 90mm | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm | 450mm | 500mm |  |
|          | <b>45°</b>    | 50mm | 63mm | 75mm | 90mm | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm | 450mm | 500mm |  |
|          | <b>90°</b>    | 50mm | 63mm | 75mm | 90mm | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm | 450mm | 500mm |  |
|          |               |      |      |      |      |       |       |       |       |       |       |       |       |       |       |  |
| Class 16 | <b>11.25°</b> | 50mm | 63mm | 75mm | 90mm | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm | 450mm | 500mm |  |
|          | <b>22.5°</b>  | 50mm | 63mm | 75mm | 90mm | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm | 450mm | 500mm |  |
|          | <b>45°</b>    | 50mm | 63mm | 75mm | 90mm | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm | 450mm | 500mm |  |
|          | <b>90°</b>    | 50mm | 63mm | 75mm | 90mm | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm | 450mm | 500mm |  |
|          |               |      |      |      |      |       |       |       |       |       |       |       |       |       |       |  |
| Class 20 | <b>11.25°</b> | 50mm | 63mm | 75mm | 90mm | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm | 450mm | 500mm |  |
|          | <b>22.5°</b>  | 50mm | 63mm | 75mm | 90mm | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm | 450mm | 500mm |  |
|          | <b>45°</b>    | 50mm | 63mm | 75mm | 90mm | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm | 450mm | 500mm |  |
|          | <b>90°</b>    | 50mm | 63mm | 75mm | 90mm | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm | 450mm | 500mm |  |

[illegible]



[illegible]

| 4.5 WATERBERG DISTRICT MUNICIPALITY |               |      |      |      |      |       |       |       |       |       |       |       |       |       |       |
|-------------------------------------|---------------|------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Class4                              | <b>11.25°</b> | 50mm | 63mm | 75mm | 90mm | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm | 450mm | 500mm |
|                                     | <b>22.5°</b>  | 50mm | 63mm | 75mm | 90mm | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm | 450mm | 500mm |
|                                     | <b>45°</b>    | 50mm | 63mm | 75mm | 90mm | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm | 450mm | 500mm |
|                                     | <b>90°</b>    | 50mm | 63mm | 75mm | 90mm | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm | 450mm | 500mm |
| Class6                              | <b>11.25°</b> | 50mm | 63mm | 75mm | 90mm | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm | 450mm | 500mm |
|                                     | <b>22.5°</b>  | 50mm | 63mm | 75mm | 90mm | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm | 450mm | 500mm |
|                                     | <b>45°</b>    | 50mm | 63mm | 75mm | 90mm | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm | 450mm | 500mm |
|                                     | <b>90°</b>    | 50mm | 63mm | 75mm | 90mm | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm | 450mm | 500mm |
| Class9                              | <b>11.25°</b> | 50mm | 63mm | 75mm | 90mm | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm | 450mm | 500mm |
|                                     | <b>22.5°</b>  | 50mm | 63mm | 75mm | 90mm | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm | 450mm | 500mm |
|                                     | <b>45°</b>    | 50mm | 63mm | 75mm | 90mm | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm | 450mm | 500mm |
|                                     | <b>90°</b>    |      |      |      |      |       |       |       |       |       |       |       |       |       |       |
| Class12                             |               | 50mm | 63mm | 75mm | 90mm | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm | 450mm | 500mm |
|                                     | <b>11.25°</b> | 50mm | 63mm | 75mm | 90mm | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm | 450mm | 500mm |
|                                     | <b>22.5°</b>  | 50mm | 63mm | 75mm | 90mm | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm | 450mm | 500mm |
|                                     | <b>45°</b>    | 50mm | 63mm | 75mm | 90mm | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm | 450mm | 500mm |
| Class16                             | <b>90°</b>    | 50mm | 63mm | 75mm | 90mm | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm | 450mm | 500mm |
|                                     | <b>11.25°</b> | 50mm | 63mm | 75mm | 90mm | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm | 450mm | 500mm |
|                                     | <b>22.5°</b>  | 50mm | 63mm | 75mm | 90mm | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm | 450mm | 500mm |
|                                     | <b>45°</b>    | 50mm | 63mm | 75mm | 90mm | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm | 450mm | 500mm |
| Class20                             | <b>90°</b>    | 50mm | 63mm | 75mm | 90mm | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm | 450mm | 500mm |
|                                     | <b>11.25°</b> | 50mm | 63mm | 75mm | 90mm | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm | 450mm | 500mm |
|                                     | <b>22.5°</b>  | 50mm | 63mm | 75mm | 90mm | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm | 450mm | 500mm |
|                                     | <b>45°</b>    | 50mm | 63mm | 75mm | 90mm | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm | 450mm | 500mm |

| 5. MODIFIED POLY VINLY CHLORIDE (PCV-M) PRESSURE BENDS                    |        |      |      |      |      |       |       |       |       |       |       |       |       |       |       |
|---|--------|------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| MOPANI DISTRICT MUNICIPALITY  |        |      |      |      |      |       |       |       |       |       |       |       |       |       |       |
| 5.1 TZANEEN DAM, BABANANA WATER PROJECT AND GIYANI WATER SERVICES PROJECT |        |      |      |      |      |       |       |       |       |       |       |       |       |       |       |
|   |        |      |      |      |      |       |       |       |       |       |       |       |       |       |       |
| Class6  | 11.25° | 50mm | 63mm | 75mm | 90mm | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm | 450mm | 500mm |
|   | 22.5°  | 50mm | 63mm | 75mm | 90mm | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm | 450mm | 500mm |
|   | 45°    | 50mm | 63mm | 75mm | 90mm | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm | 450mm | 500mm |
|   | 90°    | 50mm | 63mm | 75mm | 90mm | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm | 450mm | 500mm |
| Class9  | 11.25° | 50mm | 63mm | 75mm | 90mm | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm | 450mm | 500mm |
|   | 22.5°  | 50mm | 63mm | 75mm | 90mm | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm | 450mm | 500mm |
|   | 45°    | 50mm | 63mm | 75mm | 90mm | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm | 450mm | 500mm |
|   | 90°    | 50mm | 63mm | 75mm | 90mm | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm | 450mm | 500mm |
| Class12   | 11.25° | 50mm | 63mm | 75mm | 90mm | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm | 450mm | 500mm |
|   | 22.5°  | 50mm | 63mm | 75mm | 90mm | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm | 450mm | 500mm |
|   | 45°    | 50mm | 63mm | 75mm | 90mm | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm | 450mm | 500mm |
|   | 90°    | 50mm | 63mm | 75mm | 90mm | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm | 450mm | 500mm |
| Class16   | 11.25° | 50mm | 63mm | 75mm | 90mm | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm | 450mm | 500mm |
|   | 22.5°  | 50mm | 63mm | 75mm | 90mm | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm | 450mm | 500mm |
|   | 45°    | 50mm | 63mm | 75mm | 90mm | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm | 450mm | 500mm |
|   | 90°    | 50mm | 63mm | 75mm | 90mm | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm | 450mm | 500mm |
| Class20   | 11.25° | 50mm | 63mm | 75mm | 90mm | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm | 450mm | 500mm |
|   | 22.5°  | 50mm | 63mm | 75mm | 90mm | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm | 450mm | 500mm |
|   | 45°    | 50mm | 63mm | 75mm | 90mm | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm | 450mm | 500mm |
|   | 90°    | 50mm | 63mm | 75mm | 90mm | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm | 450mm | 500mm |
| Class25   | 11.25° | 50mm | 63mm | 75mm | 90mm | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm | 450mm | 500mm |
|   | 22.5°  | 50mm | 63mm | 75mm | 90mm | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm | 450mm | 500mm |
|   | 45°    | 50mm | 63mm | 75mm | 90mm | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm | 450mm | 500mm |

|  |            |      |      |      |      |       |       |       |       |       |       |       |       |       |       |
|--|------------|------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|  | <b>90°</b> | 50mm | 63mm | 75mm | 90mm | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm | 450mm | 500mm |
|--|------------|------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|

| VHEMBE DISTRICT MUNICIPALITY   |               |      |      |      |      |       |       |       |       |       |       |       |       |       |       |
|--|---------------|------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 5.2 NANDONI DAM REMEDIAL ACTION, MAKHADO BULK WATER SUPPLY AND NZHELELE CANAL REHABILITATION PROJECT |               |      |      |      |      |       |       |       |       |       |       |       |       |       |       |
|  |               |      |      |      |      |       |       |       |       |       |       |       |       |       |       |
| Class6   | <b>11.25°</b> | 50mm | 63mm | 75mm | 90mm | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm | 450mm | 500mm |
|  | <b>22.5°</b>  | 50mm | 63mm | 75mm | 90mm | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm | 450mm | 500mm |
|  | <b>45°</b>    | 50mm | 63mm | 75mm | 90mm | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm | 450mm | 500mm |
|  | <b>90°</b>    | 50mm | 63mm | 75mm | 90mm | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm | 450mm | 500mm |
|  |               |      |      |      |      |       |       |       |       |       |       |       |       |       |       |
| Class9   | <b>11.25°</b> | 50mm | 63mm | 75mm | 90mm | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm | 450mm | 500mm |
|  | <b>22.5°</b>  | 50mm | 63mm | 75mm | 90mm | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm | 450mm | 500mm |
|  | <b>45°</b>    | 50mm | 63mm | 75mm | 90mm | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm | 450mm | 500mm |
|  | <b>90°</b>    | 50mm | 63mm | 75mm | 90mm | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm | 450mm | 500mm |
|  |               |      |      |      |      |       |       |       |       |       |       |       |       |       |       |
| Class12  | <b>11.25°</b> | 50mm | 63mm | 75mm | 90mm | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm | 450mm | 500mm |
|  | <b>22.5°</b>  | 50mm | 63mm | 75mm | 90mm | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm | 450mm | 500mm |
|  | <b>45°</b>    | 50mm | 63mm | 75mm | 90mm | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm | 450mm | 500mm |
|  | <b>90°</b>    | 50mm | 63mm | 75mm | 90mm | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm | 450mm | 500mm |
|  |               |      |      |      |      |       |       |       |       |       |       |       |       |       |       |
| Class16  | <b>11.25°</b> | 50mm | 63mm | 75mm | 90mm | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm | 450mm | 500mm |
|  | <b>22.5°</b>  | 50mm | 63mm | 75mm | 90mm | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm | 450mm | 500mm |
|  | <b>45°</b>    | 50mm | 63mm | 75mm | 90mm | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm | 450mm | 500mm |
|  | <b>90°</b>    | 50mm | 63mm | 75mm | 90mm | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm | 450mm | 500mm |
|  |               |      |      |      |      |       |       |       |       |       |       |       |       |       |       |
| Class20  | <b>11.25°</b> | 50mm | 63mm | 75mm | 90mm | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm | 450mm | 500mm |
|  | <b>22.5°</b>  | 50mm | 63mm | 75mm | 90mm | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm | 450mm | 500mm |
|  | <b>45°</b>    | 50mm | 63mm | 75mm | 90mm | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm | 450mm | 500mm |
|  | <b>90°</b>    |      |      |      |      |       |       |       |       |       |       |       |       |       |       |
|  |               | 50mm | 63mm | 75mm | 90mm | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm | 450mm | 500mm |
| Class25  | <b>11.25°</b> | 50mm | 63mm | 75mm | 90mm | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm | 450mm | 500mm |







|         |               |      |      |      |      |       |       |       |       |       |       |       |       |       |       |
|---------|---------------|------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Class25 | <b>11.25°</b> | 50mm | 63mm | 75mm | 90mm | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm | 450mm | 500mm |
|         | <b>22.5°</b>  | 50mm | 63mm | 75mm | 90mm | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm | 450mm | 500mm |
|         | <b>45°</b>    | 50mm | 63mm | 75mm | 90mm | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm | 450mm | 500mm |
|         | <b>90°</b>    | 50mm | 63mm | 75mm | 90mm | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm | 450mm | 500mm |

| <b>6. POLY VINLY CHLORIDE MOLECOR ORIENTED (PVC-O) PRESSURE BENDS</b>            |               |      |       |       |       |       |       |       |       |       |
|--|---------------|------|-------|-------|-------|-------|-------|-------|-------|-------|
| <b>MOPANI DISTRICT MUNICIPALITY</b>  |               |      |       |       |       |       |       |       |       |       |
| <b>6.1 TZANEEN DAM, BABANANA WATER PROJECT AND GIYANI WATER SERVICES PROJECT</b> |               |      |       |       |       |       |       |       |       |       |
| PN12.5   | <b>11.25°</b> | 90mm | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm |
|  | <b>22.5°</b>  | 90mm | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm |
|  | <b>45°</b>    | 90mm | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm |
|  | <b>90°</b>    | 90mm | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm |
|  |               |      |       |       |       |       |       |       |       |       |
| PN16   | <b>11.25°</b> | 90mm | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm |
|  | <b>22.5°</b>  | 90mm | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm |
|  | <b>45°</b>    | 90mm | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm |
|  | <b>90°</b>    | 90mm | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm |
|  |               |      |       |       |       |       |       |       |       |       |
| PN20   | <b>11.25°</b> | 90mm | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm |
|  | <b>22.5°</b>  | 90mm | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm |
|  | <b>45°</b>    | 90mm | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm |
|  | <b>90°</b>    | 90mm | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm |
|  |               |      |       |       |       |       |       |       |       |       |
| PN25   | <b>11.25°</b> | 90mm | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm |
|  | <b>22.5°</b>  | 90mm | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm |



|  |            |      |       |       |       |       |       |       |       |       |
|--|------------|------|-------|-------|-------|-------|-------|-------|-------|-------|
|  | <b>45°</b> | 90mm | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm |
|  | <b>90°</b> | 90mm | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm |
|  |            |      |       |       |       |       |       |       |       |       |

| VHEMBE DISTRICT MUNICIPALITY |               |  |       |       |       |       |       |       |       |       |
|------------------------------|---------------|--|-------|-------|-------|-------|-------|-------|-------|-------|
|                              |               | <b>6.2 NANDONI DAM REMEDIAL ACTION, MAKHADO BULK WA TER SUPPLY AND NZHELELE CANAL REHABILITATION PROJECT</b> |       |       |       |       |       |       |       |       |
|                              |               |  |       |       |       |       |       |       |       |       |
| PN12.5                       | <b>11.25°</b> | 90mm   | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm |
|                              | <b>22.5°</b>  | 90mm   | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm |
|                              | <b>45°</b>    | 90mm   | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm |
|                              | <b>90°</b>    | 90mm   | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm |
|                              |               |  |       |       |       |       |       |       |       |       |
| PN16                         | <b>11.25°</b> | 90mm   | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm |
|                              | <b>22.5°</b>  | 90mm   | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm |
|                              | <b>45°</b>    | 90mm   | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm |
|                              | <b>90°</b>    | 90mm   | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm |
|                              |               |  |       |       |       |       |       |       |       |       |
| PN20                         | <b>11.25°</b> | 90mm   | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm |
|                              | <b>22.5°</b>  | 90mm   | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm |
|                              | <b>45°</b>    | 90mm   | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm |
|                              | <b>90°</b>    | 90mm   | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm |
|                              |               |  |       |       |       |       |       |       |       |       |

|      |               |      |       |       |       |       |       |       |       |       |
|------|---------------|------|-------|-------|-------|-------|-------|-------|-------|-------|
| PN25 | <b>11.25°</b> | 90mm | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm |
|      | <b>22.5°</b>  | 90mm | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm |
|      | <b>45°</b>    | 90mm | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm |
|      | <b>90°</b>    | 90mm | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm |
|      |               |      |       |       |       |       |       |       |       |       |

| <b>6.3 CAPRICORN DISTRICT MUNICIPALITY</b> |               |      |       |       |       |       |       |       |       |       |
|--|---------------|------|-------|-------|-------|-------|-------|-------|-------|-------|
|  |               |      |       |       |       |       |       |       |       |       |
| PN12.5                                     | <b>11.25°</b> | 90mm | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm |
|  | <b>22.5°</b>  | 90mm | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm |
|  | <b>45°</b>    | 90mm | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm |
|  | <b>90°</b>    | 90mm | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm |
|  |               |      |       |       |       |       |       |       |       |       |
| PN16                                       | <b>11.25°</b> | 90mm | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm |
|  | <b>22.5°</b>  | 90mm | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm |
|  | <b>45°</b>    | 90mm | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm |
|  | <b>90°</b>    | 90mm | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm |
|  |               |      |       |       |       |       |       |       |       |       |
| PN20                                       | <b>11.25°</b> | 90mm | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm |
|  | <b>22.5°</b>  | 90mm | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm |
|  | <b>45°</b>    | 90mm | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm |
|  | <b>90°</b>    | 90mm | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm |

|      |               |      |       |       |       |       |       |       |       |       |
|------|---------------|------|-------|-------|-------|-------|-------|-------|-------|-------|
|      |               |      |       |       |       |       |       |       |       |       |
| PN25 | <b>11.25°</b> | 90mm | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm |
|      | <b>22.5°</b>  | 90mm | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm |
|      | <b>45°</b>    | 90mm | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm |
|      | <b>90°</b>    | 90mm | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm |
|      |               |      |       |       |       |       |       |       |       |       |

| 6.4 SEKHUKHUNE DISTRICT MUNICIPALITY |               |      |       |       |       |       |       |       |       |       |
|--------------------------------------|---------------|------|-------|-------|-------|-------|-------|-------|-------|-------|
|                                      |               |      |       |       |       |       |       |       |       |       |
| PN12.5                               | <b>11.25°</b> | 90mm | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm |
|                                      | <b>22.5°</b>  | 90mm | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm |
|                                      | <b>45°</b>    | 90mm | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm |
|                                      | <b>90°</b>    | 90mm | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm |
|                                      |               |      |       |       |       |       |       |       |       |       |
| PN16                                 | <b>11.25°</b> | 90mm | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm |
|                                      | <b>22.5°</b>  | 90mm | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm |
|                                      | <b>45°</b>    | 90mm | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm |
|                                      | <b>90°</b>    | 90mm | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm |
|                                      |               |      |       |       |       |       |       |       |       |       |
| PN20                                 | <b>11.25°</b> | 90mm | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm |
|                                      | <b>22.5°</b>  | 90mm | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm |
|                                      | <b>45°</b>    | 90mm | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm |
|                                      | <b>90°</b>    | 90mm | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm |

|      |               |      |       |       |       |       |       |       |       |       |
|------|---------------|------|-------|-------|-------|-------|-------|-------|-------|-------|
|      |               |      |       |       |       |       |       |       |       |       |
| PN25 | <b>11.25°</b> | 90mm | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm |
|      | <b>22.5°</b>  | 90mm | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm |
|      | <b>45°</b>    | 90mm | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm |
|      | <b>90°</b>    | 90mm | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm |
|      |               |      |       |       |       |       |       |       |       |       |

| <b>6.5 WATERBERG DISTRICT MUNICIPALITY</b> |               |      |       |       |       |       |       |       |       |       |
|--|---------------|------|-------|-------|-------|-------|-------|-------|-------|-------|
|  |               |      |       |       |       |       |       |       |       |       |
| PN12.5                                     | <b>11.25°</b> | 90mm | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm |
|  | <b>22.5°</b>  | 90mm | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm |
|  | <b>45°</b>    | 90mm | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm |
|  | <b>90°</b>    | 90mm | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm |
|  |               |      |       |       |       |       |       |       |       |       |
| PN16                                       | <b>11.25°</b> | 90mm | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm |
|  | <b>22.5°</b>  | 90mm | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm |
|  | <b>45°</b>    | 90mm | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm |
|  | <b>90°</b>    | 90mm | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm |
|  |               |      |       |       |       |       |       |       |       |       |
| PN20                                       | <b>11.25°</b> | 90mm | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm |
|  | <b>22.5°</b>  | 90mm | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm |
|  | <b>45°</b>    | 90mm | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm |

|      |               |      |       |       |       |       |       |       |       |       |
|------|---------------|------|-------|-------|-------|-------|-------|-------|-------|-------|
|      | <b>90°</b>    | 90mm | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm |
|      |               |      |       |       |       |       |       |       |       |       |
| PN25 | <b>11.25°</b> | 90mm | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm |
|      | <b>22.5°</b>  | 90mm | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm |
|      | <b>45°</b>    | 90mm | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm |
|      | <b>90°</b>    | 90mm | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm |
|      |               |      |       |       |       |       |       |       |       |       |

| 7. PVC FITTINGS                       |             |             |                        |                              |
|---------------------------------------|-------------|-------------|------------------------|------------------------------|
| 7.1 DOUBLE SOCKETED COUPLING – CLASS9 |             |             |                        |                              |
| MOPANI DISTRICT MUNICIPALITY          |             |             |                        |                              |
|                                       |             |             |                        |                              |
| Item No.                              | Description | Project     | Project                | Project                      |
| 7.1.1                                 | 50mm        | Tzaneen Dam | Babanana Water Project | Giyani Water Service Project |
| 7.1.2                                 | 63mm        | Tzaneen Dam | Babanana Water Project | Giyani Water Service Project |
| 7.1.3                                 | 75mm        | Tzaneen Dam | Babanana Water Project | Giyani Water Service Project |
| 7.1.4                                 | 90mm        | Tzaneen Dam | Babanana Water Project | Giyani Water Service Project |
| 7.1.5                                 | 110mm       | Tzaneen Dam | Babanana Water Project | Giyani Water Service Project |
| 7.1.6                                 | 125mm       | Tzaneen Dam | Babanana Water Project | Giyani Water Service Project |

|        |       |             |                        |                              |
|--------|-------|-------------|------------------------|------------------------------|
| 7.1.7  | 140mm | Tzaneen Dam | Babanana Water Project | Giyani Water Service Project |
| 7.1.8  | 160mm | Tzaneen Dam | Babanana Water Project | Giyani Water Service Project |
| 7.1.9  | 200mm | Tzaneen Dam | Babanana Water Project | Giyani Water Service Project |
| 7.1.10 | 250mm | Tzaneen Dam | Babanana Water Project | Giyani Water Service Project |
| 7.1.11 | 315mm | Tzaneen Dam | Babanana Water Project | Giyani Water Service Project |
| 7.1.12 | 355mm | Tzaneen Dam | Babanana Water Project | Giyani Water Service Project |
| 7.1.13 | 400mm | Tzaneen Dam | Babanana Water Project | Giyani Water Service Project |

| DOUBLE SOCKETED COUPLING – CLASS9 |             |                                     |                                    |                                       |
|-----------------------------------|-------------|-------------------------------------|------------------------------------|---------------------------------------|
| VHEMBE DISTRICT MUNICIPALITY      |             |                                     |                                    |                                       |
| Item No.                          | Description | Project                             | Project                            | Project                               |
| 7.1.14                            | 50mm        | Nandoni Dam Remedial Action Project | Makahado Bulk Water Supply Project | Nzhelele Canal Rehabilitation Project |
| 7.1.15                            | 63mm        | Nandoni Dam Remedial Action Project | Makahado Bulk Water Supply Project | Nzhelele Canal Rehabilitation Project |
| 7.1.16                            | 75mm        | Nandoni Dam Remedial Action Project | Makahado Bulk Water Supply Project | Nzhelele Canal Rehabilitation Project |
| 7.1.17                            | 90mm        | Nandoni Dam Remedial Action Project | Makahado Bulk Water Supply Project | Nzhelele Canal Rehabilitation Project |
| 7.1.18                            | 110mm       | Nandoni Dam Remedial Action Project | Makahado Bulk Water Supply Project | Nzhelele Canal Rehabilitation Project |
| 7.1.19                            | 125mm       | Nandoni Dam Remedial Action Project | Makahado Bulk Water Supply Project | Nzhelele Canal Rehabilitation Project |

|        |       |                                     |                                    |                                       |
|--------|-------|-------------------------------------|------------------------------------|---------------------------------------|
| 7.1.20 | 140mm | Nandoni Dam Remedial Action Project | Makahado Bulk Water Supply Project | Nzhelele Canal Rehabilitation Project |
| 7.1.21 | 160mm | Nandoni Dam Remedial Action Project | Makahado Bulk Water Supply Project | Nzhelele Canal Rehabilitation Project |
| 7.1.22 | 200mm | Nandoni Dam Remedial Action Project | Makahado Bulk Water Supply Project | Nzhelele Canal Rehabilitation Project |
| 7.1.23 | 250mm | Nandoni Dam Remedial Action Project | Makahado Bulk Water Supply Project | Nzhelele Canal Rehabilitation Project |
| 7.1.24 | 315mm | Nandoni Dam Remedial Action Project | Makahado Bulk Water Supply Project | Nzhelele Canal Rehabilitation Project |
| 7.1.25 | 355mm | Nandoni Dam Remedial Action Project | Makahado Bulk Water Supply Project | Nzhelele Canal Rehabilitation Project |
| 7.1.26 | 400mm | Nandoni Dam Remedial Action Project | Makahado Bulk Water Supply Project | Nzhelele Canal Rehabilitation Project |

| DOUBLE SOCKETED COUPLING – CLASS9 |             |                                |                                  |                                 |
|-----------------------------------|-------------|--------------------------------|----------------------------------|---------------------------------|
| Item No.                          | Description | Project                        | Project                          | Project                         |
| 7.1.27                            | 50mm        | Capricon District Municipality | Sekhukhune District Municipality | Waterberg District Municipality |
| 7.1.28                            | 63mm        | Capricon District Municipality | Sekhukhune District Municipality | Waterberg District Municipality |
| 7.1.29                            | 75mm        | Capricon District Municipality | Sekhukhune District Municipality | Waterberg District Municipality |
| 7.1.30                            | 90mm        | Capricon District Municipality | Sekhukhune District Municipality | Waterberg District Municipality |
| 7.1.31                            | 110mm       | Capricon District Municipality | Sekhukhune District Municipality | Waterberg District Municipality |
| 7.1.32                            | 125mm       | Capricon District Municipality | Sekhukhune District Municipality | Waterberg District Municipality |

|        |       |                                |                                  |                                 |
|--------|-------|--------------------------------|----------------------------------|---------------------------------|
| 7.1.33 | 140mm | Capricon District Municipality | Sekhukhune District Municipality | Waterberg District Municipality |
| 7.1.34 | 160mm | Capricon District Municipality | Sekhukhune District Municipality | Waterberg District Municipality |
| 7.1.35 | 200mm | Capricon District Municipality | Sekhukhune District Municipality | Waterberg District Municipality |
| 7.1.36 | 250mm | Capricon District Municipality | Sekhukhune District Municipality | Waterberg District Municipality |
| 7.1.37 | 315mm | Capricon District Municipality | Sekhukhune District Municipality | Waterberg District Municipality |
| 7.1.38 | 355mm | Capricon District Municipality | Sekhukhune District Municipality | Waterberg District Municipality |
| 7.1.39 | 400mm | Capricon District Municipality | Sekhukhune District Municipality | Waterberg District Municipality |

|                 |                                     |                |                        |                              |
|-----------------|-------------------------------------|----------------|------------------------|------------------------------|
|                 |                                     |                |                        |                              |
|                 | <b>7.2 EQUAL TEES – CLASS9</b>      |                |                        |                              |
|                 | <b>MOPANI DISTRICT MUNICIPALITY</b> |                |                        |                              |
| <b>Item No.</b> | <b>Description</b>                  | <b>Project</b> | <b>Project</b>         | <b>Project</b>               |
|                 |                                     |                |                        |                              |
| 7.2.1           | 50mm                                | Tzaneen Dam    | Babanana Water Project | Giyani Water Service Project |
| 7.2.2           | 63mm                                | Tzaneen Dam    | Babanana Water Project | Giyani Water Service Project |
| 7.2.3           | 75mm                                | Tzaneen Dam    | Babanana Water Project | Giyani Water Service Project |
| 7.2.4           | 90mm                                | Tzaneen Dam    | Babanana Water Project | Giyani Water Service Project |



|  |                    |                                     |                                    |                                       |
|--|--------------------|-------------------------------------|------------------------------------|---------------------------------------|
| 7.2.5  | 110mm              | Tzaneen Dam                         | Babanana Water Project             | Giyani Water Service Project          |
| 7.2.6  | 125mm              | Tzaneen Dam                         | Babanana Water Project             | Giyani Water Service Project          |
| 7.2.7  | 140mm              | Tzaneen Dam                         | Babanana Water Project             | Giyani Water Service Project          |
| 7.2.8  | 160mm              | Tzaneen Dam                         | Babanana Water Project             | Giyani Water Service Project          |
| 7.2.9  | 200mm              | Tzaneen Dam                         | Babanana Water Project             | Giyani Water Service Project          |
| 7.2.10   | 250mm              | Tzaneen Dam                         | Babanana Water Project             | Giyani Water Service Project          |
| 7.2.11   | 315mm              | Tzaneen Dam                         | Babanana Water Project             | Giyani Water Service Project          |
| 7.2.12   | 355mm              | Tzaneen Dam                         | Babanana Water Project             | Giyani Water Service Project          |
| 7.2.13   | 400mm              | Tzaneen Dam                         | Babanana Water Project             | Giyani Water Service Project          |
| <p style="text-align: center;"><b>EQUAL TEES – CLASS9</b></p>          |                    |                                     |                                    |                                       |
| <p style="text-align: center;"><b>VHEMBE DISTRICT MUNICIPALITY</b></p> |                    |                                     |                                    |                                       |
|  |                    |                                     |                                    |                                       |
| <b>Item No.</b>  | <b>Description</b> | <b>Project</b>                      | <b>Project</b>                     | <b>Project</b>                        |
|  |                    |                                     |                                    |                                       |
| 7.2.14   | 50mm               | Nandoni Dam Remedial Action Project | Makahado Bulk Water Supply Project | Nzhelele Canal Rehabilitation Project |
| 7.2.15   | 63mm               | Nandoni Dam Remedial Action Project | Makahado Bulk Water Supply Project | Nzhelele Canal Rehabilitation Project |

|        |       |                                     |                                    |                                       |
|--------|-------|-------------------------------------|------------------------------------|---------------------------------------|
| 7.2.16 | 75mm  | Nandoni Dam Remedial Action Project | Makahado Bulk Water Supply Project | Nzhelele Canal Rehabilitation Project |
| 7.2.17 | 90mm  | Nandoni Dam Remedial Action Project | Makahado Bulk Water Supply Project | Nzhelele Canal Rehabilitation Project |
| 7.2.18 | 110mm | Nandoni Dam Remedial Action Project | Makahado Bulk Water Supply Project | Nzhelele Canal Rehabilitation Project |
| 7.2.19 | 125mm | Nandoni Dam Remedial Action Project | Makahado Bulk Water Supply Project | Nzhelele Canal Rehabilitation Project |
| 7.2.20 | 140mm | Nandoni Dam Remedial Action Project | Makahado Bulk Water Supply Project | Nzhelele Canal Rehabilitation Project |
| 7.2.21 | 160mm | Nandoni Dam Remedial Action Project | Makahado Bulk Water Supply Project | Nzhelele Canal Rehabilitation Project |
| 7.2.22 | 200mm | Nandoni Dam Remedial Action Project | Makahado Bulk Water Supply Project | Nzhelele Canal Rehabilitation Project |
| 7.2.23 | 250mm | Nandoni Dam Remedial Action Project | Makahado Bulk Water Supply Project | Nzhelele Canal Rehabilitation Project |
| 7.2.24 | 315mm | Nandoni Dam Remedial Action Project | Makahado Bulk Water Supply Project | Nzhelele Canal Rehabilitation Project |
| 7.2.25 | 355mm | Nandoni Dam Remedial Action Project | Makahado Bulk Water Supply Project | Nzhelele Canal Rehabilitation Project |
| 7.2.26 | 400mm | Nandoni Dam Remedial Action Project | Makahado Bulk Water Supply Project | Nzhelele Canal Rehabilitation Project |

| EQUAL TEES – CLASS9 |             |                                |                                  |                                 |
|---------------------|-------------|--------------------------------|----------------------------------|---------------------------------|
| Item No.            | Description | Project                        | Project                          | Project                         |
| 7.2.27              | 50mm        | Capricon District Municipality | Sekhukhune District Municipality | Waterberg District Municipality |
| 7.2.28              | 63mm        | Capricon District Municipality | Sekhukhune District Municipality | Waterberg District Municipality |

|        |       |                                |                                  |                                 |
|--------|-------|--------------------------------|----------------------------------|---------------------------------|
| 7.2.29 | 75mm  | Capricon District Municipality | Sekhukhune District Municipality | Waterberg District Municipality |
| 7.2.30 | 90mm  | Capricon District Municipality | Sekhukhune District Municipality | Waterberg District Municipality |
| 7.2.31 | 110mm | Capricon District Municipality | Sekhukhune District Municipality | Waterberg District Municipality |
| 7.2.32 | 125mm | Capricon District Municipality | Sekhukhune District Municipality | Waterberg District Municipality |
| 7.2.33 | 140mm | Capricon District Municipality | Sekhukhune District Municipality | Waterberg District Municipality |
| 7.2.34 | 160mm | Capricon District Municipality | Sekhukhune District Municipality | Waterberg District Municipality |
| 7.2.35 | 200mm | Capricon District Municipality | Sekhukhune District Municipality | Waterberg District Municipality |
| 7.2.36 | 250mm | Capricon District Municipality | Sekhukhune District Municipality | Waterberg District Municipality |
| 7.2.37 | 315mm | Capricon District Municipality | Sekhukhune District Municipality | Waterberg District Municipality |
| 7.2.38 | 355mm | Capricon District Municipality | Sekhukhune District Municipality | Waterberg District Municipality |
| 7.2.39 | 400mm | Capricon District Municipality | Sekhukhune District Municipality | Waterberg District Municipality |

| 7.3 REDUCING TEES – CLASS9  |                |                  |     |     |     |     |     |     |     |     |     |
|---|----------------|------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| MOPANI DISTRICT MUNICIPALITY  |                |                  |     |     |     |     |     |     |     |     |     |
| TZANEEN DAM, BABANANA WATER PROJECT AND GIYANI WATER SERVICES PROJECT |                |                  |     |     |     |     |     |     |     |     |     |
|   |                |                  |     |     |     |     |     |     |     |     |     |
| Item No.  | Main pipe size | Branch pipe size |     |     |     |     |     |     |     |     |     |
| 7.3.1   | 50mm           | N/A              | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| 7.3.2   | 63mm           | 50mm             | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |

|        |       |      |      |      |      |       |       |       |       |       |       |
|--------|-------|------|------|------|------|-------|-------|-------|-------|-------|-------|
| 7.3.3  | 75mm  | 50mm | 63mm | N/A  | N/A  | N/A   | N/A   | N/A   | N/A   | N/A   | N/A   |
| 7.3.4  | 90mm  | 50mm | 63mm | 75mm | N/A  | N/A   | N/A   | N/A   | N/A   | N/A   | N/A   |
| 7.3.5  | 110mm | 50mm | 63mm | 75mm | 90mm | N/A   | N/A   | N/A   | N/A   | N/A   | N/A   |
| 7.3.6  | 125mm | 50mm | 63mm | 75mm | 90mm | 110mm | N/A   | N/A   | N/A   | N/A   | N/A   |
| 7.3.7  | 140mm | 50mm | 63mm | 75mm | 90mm | 110mm | 125mm | N/A   | N/A   | N/A   | N/A   |
| 7.3.8  | 160mm | 50mm | 63mm | 75mm | 90mm | 110mm | 125mm | 140mm | N/A   | N/A   | N/A   |
| 7.3.9  | 200mm | 50mm | 63mm | 75mm | 90mm | 110mm | 125mm | 140mm | 160mm | N/A   | N/A   |
| 7.3.10 | 250mm | 50mm | 63mm | 75mm | 90mm | 110mm | 125mm | 140mm | 160mm | 200mm | N/A   |
| 7.3.11 | 315mm | 50mm | 63mm | 75mm | 90mm | 110mm | 125mm | 140mm | 160mm | 200mm | N/A   |
| 7.3.12 | 355mm | 50mm | 63mm | 75mm | 90mm | 110mm | 125mm | 140mm | 160mm | 200mm | 250mm |
| 7.3.13 | 400mm | 50mm | 63mm | 75mm | 90mm | 110mm | 125mm | 140mm | 160mm | 200mm | 250mm |

| VHEMBE DISTRICT MUNICIPALITY |                |  |  |  |  |  |  |  |  |  |  |
|------------------------------|----------------|--|--|--|--|--|--|--|--|--|--|
|                              |                | <b><i>NANDONI DAM REMEDIAL ACTION, MAKHADO BULK WATER SUPPLY AND NZHELELE CANAL REHABILITATION PROJECT</i></b> |  |  |  |  |  |  |  |  |  |
| Item No.                     | Main pipe size | Branch pipe size   |  |  |  |  |  |  |  |  |  |
|                              |                |  |  |  |  |  |  |  |  |  |  |

|        |       |      |      |      |      |       |       |       |       |       |       |
|--------|-------|------|------|------|------|-------|-------|-------|-------|-------|-------|
|        |       |      |      |      |      |       |       |       |       |       |       |
| 7.3.40 | 50mm  | N/A  | N/A  | N/A  | N/A  | N/A   | N/A   | N/A   | N/A   | N/A   | N/A   |
| 7.3.41 | 63mm  | 50mm | N/A  | N/A  | N/A  | N/A   | N/A   | N/A   | N/A   | N/A   | N/A   |
| 7.3.42 | 75mm  | 50mm | 63mm | N/A  | N/A  | N/A   | N/A   | N/A   | N/A   | N/A   | N/A   |
| 7.3.43 | 90mm  | 50mm | 63mm | 75mm | N/A  | N/A   | N/A   | N/A   | N/A   | N/A   | N/A   |
| 7.3.44 | 110mm | 50mm | 63mm | 75mm | 90mm | N/A   | N/A   | N/A   | N/A   | N/A   | N/A   |
| 7.3.45 | 125mm | 50mm | 63mm | 75mm | 90mm | 110mm | N/A   | N/A   | N/A   | N/A   | N/A   |
| 7.3.46 | 140mm | 50mm | 63mm | 75mm | 90mm | 110mm | 125mm | N/A   | N/A   | N/A   | N/A   |
| 7.3.47 | 160mm | 50mm | 63mm | 75mm | 90mm | 110mm | 125mm | 140mm | N/A   | N/A   | N/A   |
| 7.3.48 | 200mm | 50mm | 63mm | 75mm | 90mm | 110mm | 125mm | 140mm | 160mm | N/A   | N/A   |
| 7.3.49 | 250mm | 50mm | 63mm | 75mm | 90mm | 110mm | 125mm | 140mm | 160mm | 200mm | N/A   |
| 7.3.50 | 315mm | 50mm | 63mm | 75mm | 90mm | 110mm | 125mm | 140mm | 160mm | 200mm | N/A   |
| 7.3.51 | 355mm | 50mm | 63mm | 75mm | 90mm | 110mm | 125mm | 140mm | 160mm | 200mm | 250mm |
| 7.3.52 | 400mm | 50mm | 63mm | 75mm | 90mm | 110mm | 125mm | 140mm | 160mm | 200mm | 250mm |

| CAPRICORN DISTRICT MUNICIPALITY |                |                  |  |  |  |  |  |  |  |  |  |
|---------------------------------|----------------|------------------|--|--|--|--|--|--|--|--|--|
| Item No.                        | Main pipe size | Branch pipe size |  |  |  |  |  |  |  |  |  |
|                                 |                |                  |  |  |  |  |  |  |  |  |  |

|        |       |      |      |      |      |       |       |       |       |       |       |
|--------|-------|------|------|------|------|-------|-------|-------|-------|-------|-------|
| 7.3.79 | 50mm  | N/A  | N/A  | N/A  | N/A  | N/A   | N/A   | N/A   | N/A   | N/A   | N/A   |
| 7.3.80 | 63mm  | 50mm | N/A  | N/A  | N/A  | N/A   | N/A   | N/A   | N/A   | N/A   | N/A   |
| 7.3.81 | 75mm  | 50mm | 63mm | N/A  | N/A  | N/A   | N/A   | N/A   | N/A   | N/A   | N/A   |
| 7.3.82 | 90mm  | 50mm | 63mm | 75mm | N/A  | N/A   | N/A   | N/A   | N/A   | N/A   | N/A   |
| 7.3.83 | 110mm | 50mm | 63mm | 75mm | 90mm | N/A   | N/A   | N/A   | N/A   | N/A   | N/A   |
| 7.3.84 | 125mm | 50mm | 63mm | 75mm | 90mm | 110mm | N/A   | N/A   | N/A   | N/A   | N/A   |
| 7.3.85 | 140mm | 50mm | 63mm | 75mm | 90mm | 110mm | 125mm | N/A   | N/A   | N/A   | N/A   |
| 7.3.86 | 160mm | 50mm | 63mm | 75mm | 90mm | 110mm | 125mm | 140mm | N/A   | N/A   | N/A   |
| 7.3.87 | 200mm | 50mm | 63mm | 75mm | 90mm | 110mm | 125mm | 140mm | 160mm | N/A   | N/A   |
| 7.3.88 | 250mm | 50mm | 63mm | 75mm | 90mm | 110mm | 125mm | 140mm | 160mm | 200mm | N/A   |
| 7.3.89 | 315mm | 50mm | 63mm | 75mm | 90mm | 110mm | 125mm | 140mm | 160mm | 200mm | N/A   |
| 7.3.90 | 355mm | 50mm | 63mm | 75mm | 90mm | 110mm | 125mm | 140mm | 160mm | 200mm | 250mm |
| 7.3.91 | 400mm | 50mm | 63mm | 75mm | 90mm | 110mm | 125mm | 140mm | 160mm | 200mm | 250mm |

| SEKHUKHUNE DISTRICT MUNICIPALITY |                |                  |  |  |  |  |  |  |  |  |  |
|----------------------------------|----------------|------------------|--|--|--|--|--|--|--|--|--|
| Item No.                         | Main pipe size | Branch pipe size |  |  |  |  |  |  |  |  |  |
|                                  |                |                  |  |  |  |  |  |  |  |  |  |

|         |       |      |      |      |      |       |       |       |       |       |       |
|---------|-------|------|------|------|------|-------|-------|-------|-------|-------|-------|
| 7.3.92  | 50mm  | N/A  | N/A  | N/A  | N/A  | N/A   | N/A   | N/A   | N/A   | N/A   | N/A   |
| 7.3.93  | 63mm  | 50mm | N/A  | N/A  | N/A  | N/A   | N/A   | N/A   | N/A   | N/A   | N/A   |
| 7.3.94  | 75mm  | 50mm | 63mm | N/A  | N/A  | N/A   | N/A   | N/A   | N/A   | N/A   | N/A   |
| 7.3.95  | 90mm  | 50mm | 63mm | 75mm | N/A  | N/A   | N/A   | N/A   | N/A   | N/A   | N/A   |
| 7.3.96  | 110mm | 50mm | 63mm | 75mm | 90mm | N/A   | N/A   | N/A   | N/A   | N/A   | N/A   |
| 7.3.97  | 125mm | 50mm | 63mm | 75mm | 90mm | 110mm | N/A   | N/A   | N/A   | N/A   | N/A   |
| 7.3.98  | 140mm | 50mm | 63mm | 75mm | 90mm | 110mm | 125mm | N/A   | N/A   | N/A   | N/A   |
| 7.3.99  | 160mm | 50mm | 63mm | 75mm | 90mm | 110mm | 125mm | 140mm | N/A   | N/A   | N/A   |
| 7.3.100 | 200mm | 50mm | 63mm | 75mm | 90mm | 110mm | 125mm | 140mm | 160mm | N/A   | N/A   |
| 7.3.101 | 250mm | 50mm | 63mm | 75mm | 90mm | 110mm | 125mm | 140mm | 160mm | 200mm | N/A   |
| 7.3.102 | 315mm | 50mm | 63mm | 75mm | 90mm | 110mm | 125mm | 140mm | 160mm | 200mm | N/A   |
| 7.3.103 | 355mm | 50mm | 63mm | 75mm | 90mm | 110mm | 125mm | 140mm | 160mm | 200mm | 250mm |
| 7.3.104 | 400mm | 50mm | 63mm | 75mm | 90mm | 110mm | 125mm | 140mm | 160mm | 200mm | 250mm |

| WATERBERG DISTRICT MUNICIPALITY |                |                  |
|---------------------------------|----------------|------------------|
| Item No.                        | Main pipe size | Branch pipe size |

|         |       |      |      |      |      |       |       |       |       |       |       |
|---------|-------|------|------|------|------|-------|-------|-------|-------|-------|-------|
|         |       |      |      |      |      |       |       |       |       |       |       |
| 7.3.105 | 50mm  | N/A  | N/A  | N/A  | N/A  | N/A   | N/A   | N/A   | N/A   | N/A   | N/A   |
| 7.3.106 | 63mm  | 50mm | N/A  | N/A  | N/A  | N/A   | N/A   | N/A   | N/A   | N/A   | N/A   |
| 7.3.107 | 75mm  | 50mm | 63mm | N/A  | N/A  | N/A   | N/A   | N/A   | N/A   | N/A   | N/A   |
| 7.3.108 | 90mm  | 50mm | 63mm | 75mm | N/A  | N/A   | N/A   | N/A   | N/A   | N/A   | N/A   |
| 7.3.109 | 110mm | 50mm | 63mm | 75mm | 90mm | N/A   | N/A   | N/A   | N/A   | N/A   | N/A   |
| 7.3.110 | 125mm | 50mm | 63mm | 75mm | 90mm | 110mm | N/A   | N/A   | N/A   | N/A   | N/A   |
| 7.3.111 | 140mm | 50mm | 63mm | 75mm | 90mm | 110mm | 125mm | N/A   | N/A   | N/A   | N/A   |
| 7.3.112 | 160mm | 50mm | 63mm | 75mm | 90mm | 110mm | 125mm | 140mm | N/A   | N/A   | N/A   |
| 7.3.113 | 200mm | 50mm | 63mm | 75mm | 90mm | 110mm | 125mm | 140mm | 160mm | N/A   | N/A   |
| 7.3.114 | 250mm | 50mm | 63mm | 75mm | 90mm | 110mm | 125mm | 140mm | 160mm | 200mm | N/A   |
| 7.3.115 | 315mm | 50mm | 63mm | 75mm | 90mm | 110mm | 125mm | 140mm | 160mm | 200mm | N/A   |
| 7.3.116 | 355mm | 50mm | 63mm | 75mm | 90mm | 110mm | 125mm | 140mm | 160mm | 200mm | 250mm |
| 7.3.117 | 400mm | 50mm | 63mm | 75mm | 90mm | 110mm | 125mm | 140mm | 160mm | 200mm | 250mm |

|                                     |
|-------------------------------------|
| <b>7.4 REDUCERS – CLASS9</b>        |
| <b>MOPANI DISTRICT MUNICIPALITY</b> |



|                 |          | <b><i>TZANEEN DAM, BABANANA WATER PROJECT AND GIYANI WATER SERVICES PROJECT</i></b> |      |      |      |       |       |       |       |       |       |
|-----------------|----------|---|------|------|------|-------|-------|-------|-------|-------|-------|
| <b>Item No.</b> | <b>A</b> | <b>B</b>  |      |      |      |       |       |       |       |       |       |
|                 |          |   |      |      |      |       |       |       |       |       |       |
| 7.4.1           | 50mm     | N/A   | N/A  | N/A  | N/A  | N/A   | N/A   | N/A   | N/A   | N/A   | N/A   |
| 7.4.2           | 63mm     | 50mm  | N/A  | N/A  | N/A  | N/A   | N/A   | N/A   | N/A   | N/A   | N/A   |
| 7.4.3           | 75mm     | 50mm  | 63mm | N/A  | N/A  | N/A   | N/A   | N/A   | N/A   | N/A   | N/A   |
| 7.4.4           | 90mm     | 50mm  | 63mm | 75mm | N/A  | N/A   | N/A   | N/A   | N/A   | N/A   | N/A   |
| 7.4.5           | 110mm    | 50mm  | 63mm | 75mm | 90mm | N/A   | N/A   | N/A   | N/A   | N/A   | N/A   |
| 7.4.6           | 125mm    | 50mm  | 63mm | 75mm | 90mm | 110mm | N/A   | N/A   | N/A   | N/A   | N/A   |
| 7.4.7           | 140mm    | 50mm  | 63mm | 75mm | 90mm | 110mm | 125mm | N/A   | N/A   | N/A   | N/A   |
| 7.4.8           | 160mm    | 50mm  | 63mm | 75mm | 90mm | 110mm | 125mm | 140mm | N/A   | N/A   | N/A   |
| 7.4.9           | 200mm    | 50mm  | 63mm | 75mm | 90mm | 110mm | 125mm | 140mm | 160mm | N/A   | N/A   |
| 7.4.10          | 250mm    | 50mm  | 63mm | 75mm | 90mm | 110mm | 125mm | 140mm | 160mm | 200mm | N/A   |
| 7.4.11          | 315mm    | 50mm  | 63mm | 75mm | 90mm | 110mm | 125mm | 140mm | 160mm | 200mm | N/A   |
| 7.4.12          | 355mm    | 50mm  | 63mm | 75mm | 90mm | 110mm | 125mm | 140mm | 160mm | 200mm | 250mm |
| 7.4.13          | 400mm    | 50mm  | 63mm | 75mm | 90mm | 110mm | 125mm | 140mm | 160mm | 200mm | 250mm |

| VHEMBE DISTRICT MUNICIPALITY |          |  |      |      |      |       |       |       |       |       |       |
|------------------------------|----------|--|------|------|------|-------|-------|-------|-------|-------|-------|
|                              |          | <i><b>NANDONI DAM REMEDIAL ACTION, MAKHADO BULK WATER SUPPLY AND NZHELELE CANAL REHABILITATION PROJECT</b></i> |      |      |      |       |       |       |       |       |       |
| <b>Item No.</b>              | <b>A</b> | <b>B</b>   |      |      |      |       |       |       |       |       |       |
|                              |          |  |      |      |      |       |       |       |       |       |       |
| 7.4.40                       | 50mm     | N/A  | N/A  | N/A  | N/A  | N/A   | N/A   | N/A   | N/A   | N/A   | N/A   |
| 7.4.41                       | 63mm     | 50mm   | N/A  | N/A  | N/A  | N/A   | N/A   | N/A   | N/A   | N/A   | N/A   |
| 7.4.42                       | 75mm     | 50mm   | 63mm | N/A  | N/A  | N/A   | N/A   | N/A   | N/A   | N/A   | N/A   |
| 7.4.43                       | 90mm     | 50mm   | 63mm | 75mm | N/A  | N/A   | N/A   | N/A   | N/A   | N/A   | N/A   |
| 7.4.44                       | 110mm    | 50mm   | 63mm | 75mm | 90mm | N/A   | N/A   | N/A   | N/A   | N/A   | N/A   |
| 7.4.45                       | 125mm    | 50mm   | 63mm | 75mm | 90mm | 110mm | N/A   | N/A   | N/A   | N/A   | N/A   |
| 7.4.46                       | 140mm    | 50mm   | 63mm | 75mm | 90mm | 110mm | 125mm | N/A   | N/A   | N/A   | N/A   |
| 7.4.47                       | 160mm    | 50mm   | 63mm | 75mm | 90mm | 110mm | 125mm | 140mm | N/A   | N/A   | N/A   |
| 7.4.48                       | 200mm    | 50mm   | 63mm | 75mm | 90mm | 110mm | 125mm | 140mm | 160mm | N/A   | N/A   |
| 7.4.49                       | 250mm    | 50mm   | 63mm | 75mm | 90mm | 110mm | 125mm | 140mm | 160mm | 200mm | N/A   |
| 7.4.50                       | 315mm    | 50mm   | 63mm | 75mm | 90mm | 110mm | 125mm | 140mm | 160mm | 200mm | N/A   |
| 7.4.51                       | 355mm    | 50mm   | 63mm | 75mm | 90mm | 110mm | 125mm | 140mm | 160mm | 200mm | 250mm |
| 7.4.52                       | 400mm    | 50mm   | 63mm | 75mm | 90mm | 110mm | 125mm | 140mm | 160mm | 200mm | 250mm |

| CAPRICORN DISTRICT MUNICIPALITY |       |      |      |      |      |       |       |       |       |       |       |
|---------------------------------|-------|------|------|------|------|-------|-------|-------|-------|-------|-------|
| Item No.                        | A     | B    |      |      |      |       |       |       |       |       |       |
|                                 |       |      |      |      |      |       |       |       |       |       |       |
| 7.4.79                          | 50mm  | N/A  | N/A  | N/A  | N/A  | N/A   | N/A   | N/A   | N/A   | N/A   | N/A   |
| 7.4.80                          | 63mm  | 50mm | N/A  | N/A  | N/A  | N/A   | N/A   | N/A   | N/A   | N/A   | N/A   |
| 7.4.81                          | 75mm  | 50mm | 63mm | N/A  | N/A  | N/A   | N/A   | N/A   | N/A   | N/A   | N/A   |
| 7.4.82                          | 90mm  | 50mm | 63mm | 75mm | N/A  | N/A   | N/A   | N/A   | N/A   | N/A   | N/A   |
| 7.4.83                          | 110mm | 50mm | 63mm | 75mm | 90mm | N/A   | N/A   | N/A   | N/A   | N/A   | N/A   |
| 7.4.84                          | 125mm | 50mm | 63mm | 75mm | 90mm | 110mm | N/A   | N/A   | N/A   | N/A   | N/A   |
| 7.4.85                          | 140mm | 50mm | 63mm | 75mm | 90mm | 110mm | 125mm | N/A   | N/A   | N/A   | N/A   |
| 7.4.86                          | 160mm | 50mm | 63mm | 75mm | 90mm | 110mm | 125mm | 140mm | N/A   | N/A   | N/A   |
| 7.4.87                          | 200mm | 50mm | 63mm | 75mm | 90mm | 110mm | 125mm | 140mm | 160mm | N/A   | N/A   |
| 7.4.88                          | 250mm | 50mm | 63mm | 75mm | 90mm | 110mm | 125mm | 140mm | 160mm | 200mm | N/A   |
| 7.4.89                          | 315mm | 50mm | 63mm | 75mm | 90mm | 110mm | 125mm | 140mm | 160mm | 200mm | N/A   |
| 7.4.90                          | 355mm | 50mm | 63mm | 75mm | 90mm | 110mm | 125mm | 140mm | 160mm | 200mm | 250mm |
| 7.4.91                          | 400mm | 50mm | 63mm | 75mm | 90mm | 110mm | 125mm | 140mm | 160mm | 200mm | 250mm |

| SEKHUKHUNE DISTRICT MUNICIPALITY |       |      |      |      |      |       |       |       |       |       |       |
|----------------------------------|-------|------|------|------|------|-------|-------|-------|-------|-------|-------|
| Item No.                         | A     | B    |      |      |      |       |       |       |       |       |       |
|                                  |       |      |      |      |      |       |       |       |       |       |       |
| 7.4.92                           | 50mm  | N/A  | N/A  | N/A  | N/A  | N/A   | N/A   | N/A   | N/A   | N/A   | N/A   |
| 7.4.93                           | 63mm  | 50mm | N/A  | N/A  | N/A  | N/A   | N/A   | N/A   | N/A   | N/A   | N/A   |
| 7.4.94                           | 75mm  | 50mm | 63mm | N/A  | N/A  | N/A   | N/A   | N/A   | N/A   | N/A   | N/A   |
| 7.4.95                           | 90mm  | 50mm | 63mm | 75mm | N/A  | N/A   | N/A   | N/A   | N/A   | N/A   | N/A   |
| 7.4.96                           | 110mm | 50mm | 63mm | 75mm | 90mm | N/A   | N/A   | N/A   | N/A   | N/A   | N/A   |
| 7.4.97                           | 125mm | 50mm | 63mm | 75mm | 90mm | 110mm | N/A   | N/A   | N/A   | N/A   | N/A   |
| 7.4.98                           | 140mm | 50mm | 63mm | 75mm | 90mm | 110mm | 125mm | N/A   | N/A   | N/A   | N/A   |
| 7.4.99                           | 160mm | 50mm | 63mm | 75mm | 90mm | 110mm | 125mm | 140mm | N/A   | N/A   | N/A   |
| 7.4.100                          | 200mm | 50mm | 63mm | 75mm | 90mm | 110mm | 125mm | 140mm | 160mm | N/A   | N/A   |
| 7.4.101                          | 250mm | 50mm | 63mm | 75mm | 90mm | 110mm | 125mm | 140mm | 160mm | 200mm | N/A   |
| 7.4.102                          | 315mm | 50mm | 63mm | 75mm | 90mm | 110mm | 125mm | 140mm | 160mm | 200mm | N/A   |
| 7.4.103                          | 355mm | 50mm | 63mm | 75mm | 90mm | 110mm | 125mm | 140mm | 160mm | 200mm | 250mm |
| 7.4.104                          | 400mm | 50mm | 63mm | 75mm | 90mm | 110mm | 125mm | 140mm | 160mm | 200mm | 250mm |

| WATERBERG DISTRICT MUNICIPALITY |       |      |      |      |      |       |       |       |       |       |       |
|---------------------------------|-------|------|------|------|------|-------|-------|-------|-------|-------|-------|
| Item No.                        | A     | B    |      |      |      |       |       |       |       |       |       |
|                                 |       |      |      |      |      |       |       |       |       |       |       |
| 7.4.105                         | 50mm  | N/A  | N/A  | N/A  | N/A  | N/A   | N/A   | N/A   | N/A   | N/A   | N/A   |
| 7.4.106                         | 63mm  | 50mm | N/A  | N/A  | N/A  | N/A   | N/A   | N/A   | N/A   | N/A   | N/A   |
| 7.4.107                         | 75mm  | 50mm | 63mm | N/A  | N/A  | N/A   | N/A   | N/A   | N/A   | N/A   | N/A   |
| 7.4.108                         | 90mm  | 50mm | 63mm | 75mm | N/A  | N/A   | N/A   | N/A   | N/A   | N/A   | N/A   |
| 7.4.109                         | 110mm | 50mm | 63mm | 75mm | 90mm | N/A   | N/A   | N/A   | N/A   | N/A   | N/A   |
| 7.4.110                         | 125mm | 50mm | 63mm | 75mm | 90mm | 110mm | N/A   | N/A   | N/A   | N/A   | N/A   |
| 7.4.111                         | 140mm | 50mm | 63mm | 75mm | 90mm | 110mm | 125mm | N/A   | N/A   | N/A   | N/A   |
| 7.4.112                         | 160mm | 50mm | 63mm | 75mm | 90mm | 110mm | 125mm | 140mm | N/A   | N/A   | N/A   |
| 7.4.113                         | 200mm | 50mm | 63mm | 75mm | 90mm | 110mm | 125mm | 140mm | 160mm | N/A   | N/A   |
| 7.4.114                         | 250mm | 50mm | 63mm | 75mm | 90mm | 110mm | 125mm | 140mm | 160mm | 200mm | N/A   |
| 7.4.115                         | 315mm | 50mm | 63mm | 75mm | 90mm | 110mm | 125mm | 140mm | 160mm | 200mm | N/A   |
| 7.4.116                         | 355mm | 50mm | 63mm | 75mm | 90mm | 110mm | 125mm | 140mm | 160mm | 200mm | 250mm |
| 7.4.117                         | 400mm | 50mm | 63mm | 75mm | 90mm | 110mm | 125mm | 140mm | 160mm | 200mm | 250mm |

| 8. SG IRON FITINGS TO SUIT PVC PIPES |                                |                              |                        |                               |
|--------------------------------------|--------------------------------|------------------------------|------------------------|-------------------------------|
|                                      | 8.1 SG IRON SOCKETED COUPLINGS |                              |                        |                               |
|                                      |                                | MOPANI DISTRICT MUNICIPALITY |                        |                               |
| Item No.                             | Description                    | Project                      | Project                | Project                       |
|                                      |                                |                              |                        |                               |
| 8.1.1                                | 50mm                           | Tzaneen Dam                  | Babanana Water Project | Giyani Water Services Project |
| 8.1.2                                | 63mm                           | Tzaneen Dam                  | Babanana Water Project | Giyani Water Services Project |
| 8.1.3                                | 75mm                           | Tzaneen Dam                  | Babanana Water Project | Giyani Water Services Project |
| 8.1.4                                | 90mm                           | Tzaneen Dam                  | Babanana Water Project | Giyani Water Services Project |
| 8.1.5                                | 110mm                          | Tzaneen Dam                  | Babanana Water Project | Giyani Water Services Project |
| 8.1.6                                | 125mm                          | Tzaneen Dam                  | Babanana Water Project | Giyani Water Services Project |
| 8.1.7                                | 140mm                          | Tzaneen Dam                  | Babanana Water Project | Giyani Water Services Project |
| 8.1.8                                | 160mm                          | Tzaneen Dam                  | Babanana Water Project | Giyani Water Services Project |
| 8.1.9                                | 200mm                          | Tzaneen Dam                  | Babanana Water Project | Giyani Water Services Project |
| 8.1.10                               | 250mm                          | Tzaneen Dam                  | Babanana Water Project | Giyani Water Services Project |

|                 |                                   |                                     |                                   |                                       |
|-----------------|-----------------------------------|-------------------------------------|-----------------------------------|---------------------------------------|
|                 |                                   |                                     |                                   |                                       |
|                 | <b>SG IRON SOCKETED COUPLINGS</b> |                                     |                                   |                                       |
|                 |                                   | <b>VHEMBE DISTRICT MUNICIPALITY</b> |                                   |                                       |
|                 |                                   |                                     |                                   |                                       |
| <b>Item No.</b> | <b>Description</b>                | <b>Projects</b>                     | <b>Projects</b>                   | <b>Projects</b>                       |
|                 |                                   |                                     |                                   |                                       |
| 8.1.11          | 50mm                              | Nandoni Dam Remedial Action Project | Makhado Bulk Water Supply Project | Nzhelele Canal Rehabilitation Project |
| 8.1.12          | 63mm                              | Nandoni Dam Remedial Action Project | Makhado Bulk Water Supply Project | Nzhelele Canal Rehabilitation Project |
| 8.1.13          | 75mm                              | Nandoni Dam Remedial Action Project | Makhado Bulk Water Supply Project | Nzhelele Canal Rehabilitation Project |
| 8.1.14          | 90mm                              | Nandoni Dam Remedial Action Project | Makhado Bulk Water Supply Project | Nzhelele Canal Rehabilitation Project |
| 8.1.15          | 110mm                             | Nandoni Dam Remedial Action Project | Makhado Bulk Water Supply Project | Nzhelele Canal Rehabilitation Project |
| 8.1.16          | 125mm                             | Nandoni Dam Remedial Action Project | Makhado Bulk Water Supply Project | Nzhelele Canal Rehabilitation Project |
| 8.1.17          | 140mm                             | Nandoni Dam Remedial Action Project | Makhado Bulk Water Supply Project | Nzhelele Canal Rehabilitation Project |
| 8.1.18          | 160mm                             | Nandoni Dam Remedial Action Project | Makhado Bulk Water Supply Project | Nzhelele Canal Rehabilitation Project |
| 8.1.19          | 200mm                             | Nandoni Dam Remedial Action Project | Makhado Bulk Water Supply Project | Nzhelele Canal Rehabilitation Project |
| 8.1.20          | 250mm                             | Nandoni Dam Remedial Action Project | Makhado Bulk Water Supply Project | Nzhelele Canal Rehabilitation Project |

|          | SG IRON SOCKETED COUPLINGS |                                 |                                  |                                 |
|----------|----------------------------|---------------------------------|----------------------------------|---------------------------------|
|          |                            |                                 |                                  |                                 |
| Item No. | Description                | Projects                        | Projects                         | Projects                        |
|          |                            |                                 |                                  |                                 |
| 8.1.21   | 50mm                       | Capricorn District Municipality | Sekhukhune District Municipality | Waterberg District Municipality |
| 8.1.22   | 63mm                       | Capricorn District Municipality | Sekhukhune District Municipality | Waterberg District Municipality |
| 8.1.23   | 75mm                       | Capricorn District Municipality | Sekhukhune District Municipality | Waterberg District Municipality |
| 8.1.24   | 90mm                       | Capricorn District Municipality | Sekhukhune District Municipality | Waterberg District Municipality |
| 8.1.25   | 110mm                      | Capricorn District Municipality | Sekhukhune District Municipality | Waterberg District Municipality |
| 8.1.26   | 125mm                      | Capricorn District Municipality | Sekhukhune District Municipality | Waterberg District Municipality |
| 8.1.27   | 140mm                      | Capricorn District Municipality | Sekhukhune District Municipality | Waterberg District Municipality |
| 8.1.28   | 160mm                      | Capricorn District Municipality | Sekhukhune District Municipality | Waterberg District Municipality |
| 8.1.29   | 200mm                      | Capricorn District Municipality | Sekhukhune District Municipality | Waterberg District Municipality |
| 8.1.30   | 250mm                      | Capricorn District Municipality | Sekhukhune District Municipality | Waterberg District Municipality |



|          | 8.2 SG IRON SOCKETED EQUAL TEES |                              |                        |                               |
|----------|---------------------------------|------------------------------|------------------------|-------------------------------|
|          |                                 | MOPANI DISTRICT MUNICIPALITY |                        |                               |
| Item No. | Description                     | Projects                     | Projects               | Projects                      |
|          |                                 |                              |                        |                               |
| 8.2.1    | 63mm                            | Tzaneen Dam                  | Babanana Water Project | Giyani Water Services Project |
| 8.2.2    | 75mm                            | Tzaneen Dam                  | Babanana Water Project | Giyani Water Services Project |
| 8.2.3    | 90mm                            | Tzaneen Dam                  | Babanana Water Project | Giyani Water Services Project |
| 8.2.4    | 110mm                           | Tzaneen Dam                  | Babanana Water Project | Giyani Water Services Project |
| 8.2.5    | 125mm                           | Tzaneen Dam                  | Babanana Water Project | Giyani Water Services Project |
| 8.2.6    | 140mm                           | Tzaneen Dam                  | Babanana Water Project | Giyani Water Services Project |
| 8.2.7    | 160mm                           | Tzaneen Dam                  | Babanana Water Project | Giyani Water Services Project |
| 8.2.8    | 200mm                           | Tzaneen Dam                  | Babanana Water Project | Giyani Water Services Project |
| 8.2.9    | 250mm                           | Tzaneen Dam                  | Babanana Water Project | Giyani Water Services Project |
| 8.2.10   | 315mm                           | Tzaneen Dam                  | Babanana Water Project | Giyani Water Services Project |

|                 |  |                                     |                                   |                                       |
|-----------------|--|-------------------------------------|-----------------------------------|---------------------------------------|
|                 | <b>8.2 SG IRON SOCKETED EQUAL TEES</b> |                                     |                                   |                                       |
|                 |  | <b>VHEMBE DISTRICT MUNICIPALITY</b> |                                   |                                       |
|                 |  |                                     |                                   |                                       |
| <b>Item No.</b> | <b>Description</b>                     | <b>Projects</b>                     | <b>Projects</b>                   | <b>Projects</b>                       |
|                 |  |                                     |                                   |                                       |
| 8.2.11          | 63mm                                   | Nandoni Dam Remedial Action Project | Makhado Bulk Water Supply Project | Nzhelele Canal Rehabilitation Project |
| 8.2.12          | 75mm                                   | Nandoni Dam Remedial Action Project | Makhado Bulk Water Supply Project | Nzhelele Canal Rehabilitation Project |
| 8.2.13          | 90mm                                   | Nandoni Dam Remedial Action Project | Makhado Bulk Water Supply Project | Nzhelele Canal Rehabilitation Project |
| 8.2.14          | 110mm                                  | Nandoni Dam Remedial Action Project | Makhado Bulk Water Supply Project | Nzhelele Canal Rehabilitation Project |
| 8.2.15          | 125mm                                  | Nandoni Dam Remedial Action Project | Makhado Bulk Water Supply Project | Nzhelele Canal Rehabilitation Project |
| 8.2.16          | 140mm                                  | Nandoni Dam Remedial Action Project | Makhado Bulk Water Supply Project | Nzhelele Canal Rehabilitation Project |
| 8.2.17          | 160mm                                  | Nandoni Dam Remedial Action Project | Makhado Bulk Water Supply Project | Nzhelele Canal Rehabilitation Project |
| 8.2.18          | 200mm                                  | Nandoni Dam Remedial Action Project | Makhado Bulk Water Supply Project | Nzhelele Canal Rehabilitation Project |
| 8.2.19          | 250mm                                  | Nandoni Dam Remedial Action Project | Makhado Bulk Water Supply Project | Nzhelele Canal Rehabilitation Project |
| 8.2.20          | 315mm                                  | Nandoni Dam Remedial Action Project | Makhado Bulk Water Supply Project | Nzhelele Canal Rehabilitation Project |

|          | 8.2 SG IRON SOCKETED EQUAL TEES |                                 |                                  |                                 |
|----------|---------------------------------|---------------------------------|----------------------------------|---------------------------------|
|          |                                 |                                 |                                  |                                 |
| Item No. | Description                     | Projects                        | Projects                         | Projects                        |
|          |                                 |                                 |                                  |                                 |
| 8.2.21   | 63mm                            | Capricorn District Municipality | Sekhukhune District Municipality | Waterberg District Municipality |
| 8.2.22   | 75mm                            | Capricorn District Municipality | Sekhukhune District Municipality | Waterberg District Municipality |
| 8.2.23   | 90mm                            | Capricorn District Municipality | Sekhukhune District Municipality | Waterberg District Municipality |
| 8.2.24   | 110mm                           | Capricorn District Municipality | Sekhukhune District Municipality | Waterberg District Municipality |
| 8.2.25   | 125mm                           | Capricorn District Municipality | Sekhukhune District Municipality | Waterberg District Municipality |
| 8.2.26   | 140mm                           | Capricorn District Municipality | Sekhukhune District Municipality | Waterberg District Municipality |
| 8.2.27   | 160mm                           | Capricorn District Municipality | Sekhukhune District Municipality | Waterberg District Municipality |
| 8.2.28   | 200mm                           | Capricorn District Municipality | Sekhukhune District Municipality | Waterberg District Municipality |
| 8.2.29   | 250mm                           | Capricorn District Municipality | Sekhukhune District Municipality | Waterberg District Municipality |
| 8.2.30   | 315mm                           | Capricorn District Municipality | Sekhukhune District Municipality | Waterberg District Municipality |

|                 |                                       |                                     |                        |                               |
|-----------------|---------------------------------------|-------------------------------------|------------------------|-------------------------------|
|                 | <b>8.3 SG IRON FLANGED SCOUR TEES</b> |                                     |                        |                               |
|                 |                                       | <b>MOPANI DISTRICT MUNICIPALITY</b> |                        |                               |
| <b>Item No.</b> | <b>Description</b>                    | <b>Project</b>                      | <b>Project</b>         | <b>Project</b>                |
|                 |                                       |                                     |                        |                               |
| 8.3.1           | 110mm                                 | Tzaneen Dam                         | Babanana Water Project | Giyani Water Services Project |
| 8.3.2           | 125mm                                 | Tzaneen Dam                         | Babanana Water Project | Giyani Water Services Project |
| 8.3.3           | 140mm                                 | Tzaneen Dam                         | Babanana Water Project | Giyani Water Services Project |
| 8.3.4           | 160mm                                 | Tzaneen Dam                         | Babanana Water Project | Giyani Water Services Project |
| 8.3.5           | 200mm                                 | Tzaneen Dam                         | Babanana Water Project | Giyani Water Services Project |
| 8.3.6           | 250mm                                 | Tzaneen Dam                         | Babanana Water Project | Giyani Water Services Project |
| 8.3.7           | 315mm                                 | Tzaneen Dam                         | Babanana Water Project | Giyani Water Services Project |

|                 |                                       |                                     |                                   |                                       |
|-----------------|---------------------------------------|-------------------------------------|-----------------------------------|---------------------------------------|
|                 | <b>8.3 SG IRON FLANGED SCOUR TEES</b> |                                     |                                   |                                       |
|                 |                                       | <b>VHEMBE DISTRICT MUNICIPALITY</b> |                                   |                                       |
|                 |                                       |                                     |                                   |                                       |
| <b>Item No.</b> | <b>Description</b>                    | <b>Project</b>                      | <b>Project</b>                    | <b>Project</b>                        |
|                 |                                       |                                     |                                   |                                       |
| 8.3.8           | 110mm                                 | Nandoni Dam Remedial Action Project | Makhado Bulk Water Supply Project | Nzhelele Canal Rehabilitation Project |
| 8.3.9           | 125mm                                 | Nandoni Dam Remedial Action Project | Makhado Bulk Water Supply Project | Nzhelele Canal Rehabilitation Project |
| 8.3.10          | 140mm                                 | Nandoni Dam Remedial Action Project | Makhado Bulk Water Supply Project | Nzhelele Canal Rehabilitation Project |
| 8.3.11          | 160mm                                 | Nandoni Dam Remedial Action Project | Makhado Bulk Water Supply Project | Nzhelele Canal Rehabilitation Project |
| 8.3.12          | 200mm                                 | Nandoni Dam Remedial Action Project | Makhado Bulk Water Supply Project | Nzhelele Canal Rehabilitation Project |
| 8.3.13          | 250mm                                 | Nandoni Dam Remedial Action Project | Makhado Bulk Water Supply Project | Nzhelele Canal Rehabilitation Project |
| 8.3.14          | 315mm                                 | Nandoni Dam Remedial Action Project | Makhado Bulk Water Supply Project | Nzhelele Canal Rehabilitation Project |

|          | 8.3 SG IRON FLANGED SCOUR TEES |                                 |                                  |                                 |
|----------|--------------------------------|---------------------------------|----------------------------------|---------------------------------|
|          |                                |                                 |                                  |                                 |
|          |                                |                                 |                                  |                                 |
| Item No. | Description                    | Project                         | Project                          | Project                         |
|          |                                |                                 |                                  |                                 |
| 8.3.15   | 110mm                          | Capricorn District Municipality | Sekhukhune District Municipality | Waterberg District Municipality |
| 8.3.16   | 125mm                          | Capricorn District Municipality | Sekhukhune District Municipality | Waterberg District Municipality |
| 8.3.17   | 140mm                          | Capricorn District Municipality | Sekhukhune District Municipality | Waterberg District Municipality |
| 8.3.18   | 160mm                          | Capricorn District Municipality | Sekhukhune District Municipality | Waterberg District Municipality |
| 8.3.19   | 200mm                          | Capricorn District Municipality | Sekhukhune District Municipality | Waterberg District Municipality |
| 8.3.20   | 250mm                          | Capricorn District Municipality | Sekhukhune District Municipality | Waterberg District Municipality |
| 8.3.21   | 315mm                          | Capricorn District Municipality | Sekhukhune District Municipality | Waterberg District Municipality |

|                 |                                    |                                     |                        |                               |
|-----------------|------------------------------------|-------------------------------------|------------------------|-------------------------------|
|                 | <b>8.4 SG IRON FLANGE ADAPTORS</b> |                                     |                        |                               |
|                 |                                    | <b>MOPANI DISTRICT MUNICIPALITY</b> |                        |                               |
|                 |                                    |                                     |                        |                               |
| <b>Item No.</b> | <b>Description</b>                 | <b>Project</b>                      | <b>Project</b>         | <b>Project</b>                |
|                 |                                    |                                     |                        |                               |
|                 | <b>Socket X Flange Size</b>        |                                     |                        |                               |
| 8.4.1           | 50mm X 50mm                        | Tzaneen Dam                         | Babanana Water Project | Giyani Water Services Project |
| 8.4.2           | 63mm X 50mm                        | Tzaneen Dam                         | Babanana Water Project | Giyani Water Services Project |
| 8.4.3           | 75mm X 80mm                        | Tzaneen Dam                         | Babanana Water Project | Giyani Water Services Project |
| 8.4.4           | 90mm X 80mm                        | Tzaneen Dam                         | Babanana Water Project | Giyani Water Services Project |
| 8.4.5           | 110mm X 100mm                      | Tzaneen Dam                         | Babanana Water Project | Giyani Water Services Project |
| 8.4.6           | 125mm X 125mm                      | Tzaneen Dam                         | Babanana Water Project | Giyani Water Services Project |
| 8.4.7           | 140mm X 125mm                      | Tzaneen Dam                         | Babanana Water Project | Giyani Water Services Project |
| 8.4.8           | 160mm X 150mm                      | Tzaneen Dam                         | Babanana Water Project | Giyani Water Services Project |

|        |               |             |                        |                               |
|--------|---------------|-------------|------------------------|-------------------------------|
| 8.4.9  | 200mm X 200mm | Tzaneen Dam | Babanana Water Project | Giyani Water Services Project |
| 8.4.10 | 250mm X 250mm | Tzaneen Dam | Babanana Water Project | Giyani Water Services Project |
| 8.4.11 | 315mm X 300mm | Tzaneen Dam | Babanana Water Project | Giyani Water Services Project |

|          | 8.4 SG IRON FLANGE ADAPTORS |                                     |                                   |                                       |
|----------|-----------------------------|-------------------------------------|-----------------------------------|---------------------------------------|
|          |                             | VHEMBE DISTRICT MUNICIPALITY        |                                   |                                       |
|          |                             |                                     |                                   |                                       |
| Item No. | Description                 |                                     |                                   |                                       |
|          |                             |                                     |                                   |                                       |
|          | Socket X Flange Size        |                                     |                                   |                                       |
| 8.4.12   | 50mm X 50mm                 | Nandoni Dam Remedial Action Project | Makhado Bulk Water Supply Project | Nzhelele Canal Rehabilitation Project |
| 8.4.13   | 63mm X 50mm                 | Nandoni Dam Remedial Action Project | Makhado Bulk Water Supply Project | Nzhelele Canal Rehabilitation Project |
| 8.4.14   | 75mm X 80mm                 | Nandoni Dam Remedial Action Project | Makhado Bulk Water Supply Project | Nzhelele Canal Rehabilitation Project |
| 8.4.15   | 90mm X 80mm                 | Nandoni Dam Remedial Action Project | Makhado Bulk Water Supply Project | Nzhelele Canal Rehabilitation Project |
| 8.4.16   | 110mm X 100mm               | Nandoni Dam Remedial Action Project | Makhado Bulk Water Supply Project | Nzhelele Canal Rehabilitation Project |
| 8.4.17   | 125mm X 125mm               | Nandoni Dam Remedial Action Project | Makhado Bulk Water Supply Project | Nzhelele Canal Rehabilitation Project |
| 8.4.18   | 140mm X 125mm               | Nandoni Dam Remedial Action Project | Makhado Bulk Water Supply Project | Nzhelele Canal Rehabilitation Project |



|        |               |                                     |                                   |                                       |
|--------|---------------|-------------------------------------|-----------------------------------|---------------------------------------|
| 8.4.19 | 160mm X 150mm | Nandoni Dam Remedial Action Project | Makhado Bulk Water Supply Project | Nzhelele Canal Rehabilitation Project |
| 8.4.20 | 200mm X 200mm | Nandoni Dam Remedial Action Project | Makhado Bulk Water Supply Project | Nzhelele Canal Rehabilitation Project |
| 8.4.21 | 250mm X 250mm | Nandoni Dam Remedial Action Project | Makhado Bulk Water Supply Project | Nzhelele Canal Rehabilitation Project |
| 8.4.22 | 315mm X 300mm | Nandoni Dam Remedial Action Project | Makhado Bulk Water Supply Project | Nzhelele Canal Rehabilitation Project |

| 8.4 SG IRON FLANGE ADAPTORS |                             |                                 |                                  |                                 |
|-----------------------------|-----------------------------|---------------------------------|----------------------------------|---------------------------------|
| Item No.                    | Description                 | Project                         | Project                          | Project                         |
|                             |                             |                                 |                                  |                                 |
|                             | <b>Socket X Flange Size</b> |                                 |                                  |                                 |
| 8.4.23                      | 50mm X 50mm                 | Capricorn District Municipality | Sekhukhune District Municipality | Waterberg District Municipality |
| 8.4.24                      | 63mm X 50mm                 | Capricorn District Municipality | Sekhukhune District Municipality | Waterberg District Municipality |
| 8.4.25                      | 75mm X 80mm                 | Capricorn District Municipality | Sekhukhune District Municipality | Waterberg District Municipality |
| 8.4.26                      | 90mm X 80mm                 | Capricorn District Municipality | Sekhukhune District Municipality | Waterberg District Municipality |
| 8.4.27                      | 110mm X 100mm               | Capricorn District Municipality | Sekhukhune District Municipality | Waterberg District Municipality |
| 8.4.28                      | 125mm X 125mm               | Capricorn District Municipality | Sekhukhune District Municipality | Waterberg District Municipality |
| 8.4.29                      | 140mm X 125mm               | Capricorn District Municipality | Sekhukhune District Municipality | Waterberg District Municipality |

|        |               |                                 |                                  |                                 |
|--------|---------------|---------------------------------|----------------------------------|---------------------------------|
| 8.4.30 | 160mm X 150mm | Capricorn District Municipality | Sekhukhune District Municipality | Waterberg District Municipality |
| 8.4.31 | 200mm X 200mm | Capricorn District Municipality | Sekhukhune District Municipality | Waterberg District Municipality |
| 8.4.32 | 250mm X 250mm | Capricorn District Municipality | Sekhukhune District Municipality | Waterberg District Municipality |
| 8.4.33 | 315mm X 300mm | Capricorn District Municipality | Sekhukhune District Municipality | Waterberg District Municipality |

## **APPOINTMENT STRATEGY**

The Department intends to appoint a panel of service providers. The quotations will be requested from successful bidders who formed part of the panel. A bidder who scores the highest points for price and specific goals will be appointed. Request for quotations for materials will be as and when required.

## **LOCAL PRODUCTION AND CONTENT**

- (a) Local production and content Annexures (C, D, E) will only be a compliant requirement at the stage of actual procurement when the actual sizes and quantities of the designated product/items are specified under a particular project.
- (b) For bidding purposes bidders must indicate compliance to designated items as listed on each table.
- (c) A bidder will be disqualified if they fail to confirm in the bid document that they will comply with the threshold percentage of the designated items.

## **13 REJECTION OF BID**

Bids not complying with the above-mentioned requirements and specifications may be regarded as incomplete and may not be considered.

## **14. RESULTS OF BIDS**

Results of non-acceptance of bids will be sent to individual unsuccessful bidders. Particulars of accepted bids are published weekly in the Government Tender Bulletin.

**BIDDER'S DISCLOSURE****1. PURPOSE OF THE FORM**

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

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

**2. Bidder's declaration**

- 2.1 Is the bidder, or any of its directors / trustees / shareholders / members / partners or any person having a controlling interest<sup>1</sup> in the enterprise, employed by the state?

**YES/NO**

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

| Full Name | Identity Number | Name of State institution |
|-----------|-----------------|---------------------------|
|           |                 |                           |
|           |                 |                           |
|           |                 |                           |
|           |                 |                           |
|           |                 |                           |
|           |                 |                           |
|           |                 |                           |
|           |                 |                           |

---

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

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

2.2.1 If so, furnish particulars:

.....  
.....

2.3 Does the bidder or any of its directors / trustees / shareholders / members / partners or any person having a controlling interest in the enterprise have any interest in any other related enterprise whether or not they are bidding for this contract?

**YES/NO**

2.3.1 If so, furnish particulars:

.....  
.....

### 3 DECLARATION

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

3.1 I have read and I understand the contents of this disclosure;

3.2 I understand that the accompanying bid will be disqualified if this disclosure is found not to be true and complete in every respect;

3.3 The bidder has arrived at the accompanying bid independently from, and without consultation, communication, agreement or arrangement with any competitor. However, communication between partners in a joint venture or consortium<sup>2</sup> will not be construed as collusive bidding.

3.4 In addition, there have been no consultations, communications, agreements or arrangements with any competitor regarding the quality, quantity, specifications, prices, including methods, factors or formulas used to calculate prices, market allocation, the intention or decision to submit or not to submit the bid, bidding with the intention not to win the bid and conditions or delivery particulars of the products or services to which this bid invitation relates.

3.4 The terms of the accompanying bid have not been, and will not be, disclosed by the bidder, directly or indirectly, to any competitor, prior to the date and time of the official bid opening or of the awarding of the contract.

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<sup>2</sup> 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.

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

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

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

.....

Signature

.....

Date

.....

Position

.....

Name of bidder

**SBD 6.1**

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

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

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

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**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.

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         |
| <b>Total points for Price and SPECIFIC GOALS</b> | <b>100</b> |

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:

| <b>80/20</b>  | <b>or</b> | <b>90/10</b>  |
|---|-----------|---|
| $Ps = 80 \left( 1 - \frac{Pt - P_{min}}{P_{min}} \right)$ | or        | $Ps = 90 \left( 1 - \frac{Pt - P_{min}}{P_{min}} \right)$ |

Where

Ps = Points scored for price of tender under consideration

Pt = Price of tender under consideration

Pmin = Price of lowest acceptable tender



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

#### 3.2.1. POINTS AWARDED FOR PRICE

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

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

Where

Ps = Points scored for price of tender under consideration  
Pt = Price of tender under consideration  
Pmax = Price of highest acceptable tender

### 4. POINTS AWARDED FOR SPECIFIC GOALS

- 4.1. In terms of Regulation 4(2); 5(2); 6(2) and 7(2) of the Preferential Procurement Regulations, preference points must be awarded for specific goals stated in the tender. For the purposes of this tender the tenderer will be allocated points based on the goals stated in table 1 below as may be supported by proof/ documentation stated in the conditions of this tender:
- 4.2. In cases where organs of state intend to use Regulation 3(2) of the Regulations, which states that, if it is unclear whether the 80/20 or 90/10 preference point system applies, an organ of state must, in the tender documents, stipulate in the case of—
- (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<br>(80/20 system)<br>(To be completed by the organ of state) | Number of points claimed<br>(80/20 system)<br>(To be completed by the tenderer) |
|--|---|---|
| <b>Women Ownership</b>   | 5   |   |
| <b>Disability Ownership</b>  | 5   |   |
| <b>Youth Ownership (35 and below)</b>  | 5   |   |
| <b>Location of enterprise<br/>(local equals province)<br/>Limpopo</b>              | 2   |   |
| <b>B-BBEE status level contribution from level 1<br/>or 2 which are QSE or EME</b> | 3   |   |
|  |   |   |
| <b>Total points for SPECIFIC GOALS</b>   | <b>20</b>   |   |

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

- i) The information furnished is true and correct;

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

|   |       |
|---|-------|
| .....<br><b>SIGNATURE(S) OF TENDERER(S)</b> |       |
| <b>SURNAME AND NAME:</b>                    | ..... |
| <b>DATE:</b>                                | ..... |
| <b>ADDRESS:</b>                             | ..... |
|   | ..... |
|   | ..... |
|   | ..... |

## PREFERENCING SCHEDULE IN TERMS OF THE PREFERENTIAL PROCUREMENT REGULATIONS 2022

**NB: BEFORE COMPLETING THIS FORMS, TENDERES MUST STUDY THE GENERAL CONDITIONS, BIDDERS MUST STUDY THE CONSITIONS: DEFINITIONS AND DIRECTIVES APPLICABLE IN RESPECT OF THE TENDER AND PREFERENTIAL PROCUREMENT REGULATIONS, 2022**

### 1 Preference

Preferences shall be granted in respect of the following:

#### 1.1 Ownership by women, people with disabilities and youth

The percentage shareholding of an enterprise as at the closing time for submissions of natural persons who are women, people with disabilities or youth as evidenced by:

- a) voting rights that are not subject to any limitation; and
- b) economic interest.

where

**people with disabilities** are people who have a long-term or recurring physical or, mental, intellectual or sensory impairment which, in interaction with various barriers, may substantially limit their prospects of entry into, or advancement in, employment

**youth** are people aged between 14 and 35

#### 1.2 Local enterprise

An enterprise which operates from a building together with its land and outbuildings located within the boundaries of the . . . . . or . . . . . Province as at the closing time for submissions

#### 1.2 B-BBEE status level contributors from level 1 or level 2 who are Exempted Micro Enterprises or Qualifying Small Enterprises

The status of an enterprise as measured in accordance with the provisions of **an applicable code of good practice** issued in terms of Section 9(1) of the B-BBEE Act of 2003 as at the closing time for submissions.

Note: The Construction Sector Code applies to the B-BBEE compliance measurement of all entities that fall within the Construction Sector i.e. all enterprises who derive more than 50% of their annual Revenue from Construction Related Activities.

### 2 Conditions associated with the granting of preferences

Tenderers who claim a preference shall provide in support of their claim the following in relation to their claim, failing which their claims for preferences will be rejected:

| Preference applied for                | Verification document   |
|---------------------------------------|---|
| Ownership by women                    | Completed Percentage Ownership Affidavit (Annexure 1)   |
| Ownership by people with disabilities |   |
| Ownership by youth                    |   |
| Location of enterprise                | Completed Location of enterprise affidavit (Annexure 2) and proof of ownership of premises or a valid rental agreement with the owner of such premises  |
| B-BBEE status level of contributor    | B-BBEE Verification Certificates issued by a verification agency accredited by the South African National Accreditation System (SANAS) (see <a href="http://www.sanas.co.za/Pages/index.aspx">www.sanas.co.za/Pages/index.aspx</a> ) or, in the case of an Exempted Micro Enterprise or a Qualifying Small Enterprise, if permitted in terms of the relevant code, a duly |

|  |  |
|--|--|
|  | <p>completed sworn affidavit on the relevant and appropriate form obtained from one the following websites:</p> <ul style="list-style-type: none"> <li>o <a href="http://www.thedtic.gov.za/wp-content/uploads/BEE_Affidavit-QSE-Gen.pdf">www.thedtic.gov.za/wp-content/uploads/BEE_Affidavit-QSE-Gen.pdf</a></li> <li>o <a href="http://www.thedtic.gov.za/wp-content/uploads/BEE_Affidavit-EME-Gen.pdf">www.thedtic.gov.za/wp-content/uploads/BEE_Affidavit-EME-Gen.pdf</a></li> <li>o <a href="http://www.abp.org.za/wp-content/uploads/2018/03/Final-CSC-EME-Affidavit-March-2018-2.pdf">www.abp.org.za/wp-content/uploads/2018/03/Final-CSC-EME-Affidavit-March-2018-2.pdf</a></li> </ul> |
|--|--|

### 3 Preferences points offered and claimed

The preference points offered by the Employer in accordance with the provisions of the Preferential Procurement Policy Framework Act of 2022 and claimed by the tenderer are as follows:

| Preference claimed     |  | Number of preference points allocation |                                | Preference claimed<br>(tick relevant block) |
|------------------------|--|--|--------------------------------|---|
|                        |  | 90/10 preference points system         | 80/20 preference points system |   |
| Ownership              | by women   | Up to 2                                | Up to 5                        |   |
|                        | by people with disabilities  | Up to 2                                | Up to 5                        |   |
|                        | by youth   | Up to 2                                | Up to 5                        |   |
| Location of enterprise | <i>[insert provinces where project is located]</i>   | 1                                      | 2                              |   |
| B-BBEE status          | Level 1 or level 2 contributors who are Exempted Micro Enterprises or Qualifying Small Enterprises | 3                                      | 3                              |   |

where points claimed for ownership are calculated separately for each type of ownership in terms of the following formula:

90 / 10 preference points system:  $NO = 2 \times PS / 100$

80 / 20 preference points system:  $NO = 5 \times PS / 100$

where

NO = number of points awarded to tenderer claiming a preference for ownership by women, people with disabilities or youth

PS = percentage shareholding by women, people with disabilities or youth as declared in the Percentage Ownership Affidavit

### 4 Declaration

The undersigned, who warrants that he/she is duly authorised to do so on behalf of the tenderer, confirms that he/she understands the conditions under which such preferences are granted and confirms that the tenderer satisfies the conditions pertaining to the granting of tender preferences which are claimed.

Signature:.....

Name:.....

Duly authorised to sign on behalf of:.....

Telephone: ..... Date: .....

Name of witness: ..... Signature of witness:.....

**Note:** Failure to complete the declaration will lead to the rejection of a claim for a preference.

**ANNEXURE 1: Percentage Ownership Affidavit**

I, the undersigned,

full name and surname .....

identity number .....

hereby declare under oath that

1) I am a member / director / owner of the enterprise:

name : .....

trading name, if applicable .....

registration number: .....

physical address: .....

.....

in which the following natural persons who are women, people with disabilities or youth at the time of the tender submission have

a) voting rights that are not subject to any limitation; and

b) economic interest.

as indicated below

| Name | Economic interest (%) |                          |       | Identity number |
|------|-----------------------|--------------------------|-------|-----------------|
|      | Women                 | People with disabilities | Youth |                 |
|      |                       |                          |       |                 |
|      |                       |                          |       |                 |
|      |                       |                          |       |                 |
|      |                       |                          |       |                 |
|      |                       |                          |       |                 |
|      |                       |                          |       |                 |
|      |                       |                          |       |                 |
|      |                       |                          |       |                 |
|      |                       |                          |       |                 |
|      |                       |                          |       |                 |
|      |                       |                          |       |                 |
|      |                       |                          |       |                 |
|      |                       |                          |       |                 |
|      |                       |                          |       |                 |
|      |                       |                          |       |                 |

Where:

**people with disabilities** are people who have a long-term or recurring physical or, mental, intellectual or sensory impairment which, in interaction with various barriers, may substantially limit their prospects of entry into, or advancement in, employment

Note: The Code of Good Practice on Employment of Persons with Disabilities (2015) considers “substantially limit” as “*if in its nature, duration or effects it substantially limits the person’s ability to perform the essential functions of the job for which they are being considered*” and points out that “*some impairments*” are so easily controlled, corrected or lessened that they have no limiting effects.

**youth** are people aged between 14 and 35

- 2) the contents of this statement are to the best of my knowledge a true reflection of the facts;
- 3) I know and understand the contents of the affidavit and I have no objection to take the prescribed oath binding on my conscience and on the Owners of the Enterprise which I represent in this matter.

**Deponent signature:**

**Date:**

**Commissioner of oaths  
Signature and stamp**

**ANNEXURE 2: Location of enterprise affidavit**

I, the undersigned, full name and surname .....  
Identity number .....

hereby declare under oath that

- 1) I am a member / director / owner of the enterprise:

name : .....

trading name, if applicable .....

registration number: .....

physical address: .....

.....  
which is an enterprise which operates from a building together with its land and outbuildings  
located within the boundaries of the (*name*) Province as at the closing time for submissions

- 2) the contents of this statement are to the best of my knowledge a true reflection of the facts;
- 3) I know and understand the contents of the affidavit and I have no objection to take the prescribed  
oath binding on my conscience and on the Owners of the Enterprise which I represent in this  
matter.

**Attach** proof of ownership of premises or a valid rental agreement with the owner of such premises

**Deponent signature:**

**Date:**

**Commissioner of oaths**  
**Signature and stamp**



**DEPARTMENT OF WATER AND SANITATION**

**DWS23-1023 WTE**

**APPOINTMENT OF A PANEL OF SERVICE PROVIDER TO SUPPLY, DELIVER AND OFFLOADING OF  
VARIOUS PIPESTO VARIOUS PROJECTS FOR A PERIOD OF 36 MONTHS TO DWS CONSTRUCTION  
NORTH IN THE LIMPOPO PROVINCE**

**SECTION 2:            TENDER DATA**

**CONTENTS**

**1.        STIPULATIONS**

## TENDER DATA

Initial next to each clause in this section.

Bidders are required to sign at the end of this Section

|    | STIPULATIONS   | INITIAL |
|----|--|---------|
| 1. | <p><b>SUPPLIER OF PRODUCT</b></p> <p>The successful bidder will be required to submit a "Letter from the manufacturer supplier" confirming the supply arrangement at the closing time of the bid. Failure to comply with this requirement shall result in the bid being disqualified. A letter from the manufacturer/ supplier confirming supply arrangements (the letter should be on the letter head of the manufacturer addressed to the bidder and be signed by the manufacturer/supplier. The letter should include the contact details of the manufacturer)</p>  |         |
| 2. | <p><b>SERVICE</b></p> <p>The service to be rendered is:</p> <p>i) The supply, delivery and offloading of various pipes</p>   |         |
| 3. | <p><b>SITE</b></p> <p>The Department of Water and Sanitation Construction North sites is situated on the following GPS Coordinates.</p> <p>Construction Sites:</p> <p><b>3.1 Mopani District Municipality</b></p> <p>Tzaneen Dam - Coordinates - 23°47'54.32" S 30°10'11.22" E<br/> Babanana Water Project -Coordinates: 23° 44.927'S 30° 29.569'E<br/> Giyani Water Service Project - Coordinates: 23°19'10.61"S 30°43'37.71"E<br/> <i>Any other new project within the Municipality.</i></p> <p><b>3.2 Vhembe District Municipality</b></p> <p>Nandoni Dam Remedial Action Project, Nandoni Dam -Coordinates: - 22°58'40.74"S 30°36'20.06"E<br/> Makhado Bulk Water Supply - Coordinates: 23° 4'44.84"S 30° 1'26.40"E<br/> Nzhelele Rehabilitation Canal -Coordinates: 22°36'53.90"S 30° 9'34.67"E<br/> <i>Any other new project within the Municipality.</i></p> <p><b>3.3 Capricorn District Municipality</b></p> <p>DWS Polokwane - Coordinates: - 23°54'41.84"S 29°27'2.20"E</p> <p><b>3.4 Sekhukhune District Municipality</b></p> <p>De Hoop Dam - Coordinates: - 24°57'18.92"S 29°57'37.97"E</p> <p><b>3.5 Waterberg District Municipality</b></p> <p>Bela-Bela - Coordinates: - 24°53'21.13"S 28°17'39.98"E</p> <p><b>3.6 Other new projects will be introduced as the work expands on the outer years</b></p> |         |

|     | STIPULATIONS   | INITIAL |
|-----|--|---------|
| 4.  | <b>STANDARDS, SPECIFICATIONS AND DEFINITIONS</b>   |         |
| 4.1 | <p><b>Unplasticized Poly Vinly Chloride Pressure Pipes (PVC-U)</b></p> <ul style="list-style-type: none"> <li>• Pipes and bends shall comply to SANS 966 Part 1 and ISO 9001 standards</li> <li>• Seal rings shall comply to SANS4633</li> <li>• Straight pipes shall be supplied in standard 6m lengths</li> <li>• Pipe ends or joints shall be spigot and socket pipe with integral socket and locked-in rubber ring seal.</li> <li>• Pipe pressure classes shall be 4,6,9,12,16 and 20 Bars.</li> <li>• Pipes and fittings shall be blue in colour</li> </ul> <p><b>Modified Poly Vinly Chloride Pressure Pipes (PVC-M)</b></p> <ul style="list-style-type: none"> <li>• Pipes and bends shall comply to SANS 966 Part 2 and ISO 9001 standards</li> <li>• Seal rings shall comply to SANS4633</li> <li>• Straight pipes shall be supplied in standard 6m lengths</li> <li>• Pipe ends or joints shall be spigot and socket pipe with integral socket and locked-in rubber ring seal.</li> <li>• Pipe pressure classes shall be 6,9,12,16, 20 and 25 Bars.</li> <li>• Pipes and fittings shall be blue in colour</li> </ul> <p><b>Poly Vinly Chloride Molecular Oriented Pressure Pipes (PVC-O)</b></p> <ul style="list-style-type: none"> <li>• Pipes and bends shall be Class 500 according to SANS 16422 and ISO 16422 Standards.</li> <li>• Pipes pressure classes shall be 12.5, 16, 20 and 25 Bars.</li> <li>• Straight pipes shall be supplied in standard 5.95m lengths</li> <li>• Pipe ends or joints shall be spigot and socket pipe with integral socket and locked-in rubber ring seal.</li> <li>• Pipes and fittings shall be blue in colour</li> </ul> <p><b>Fabricated Fittings for PVC pipes</b></p> <ul style="list-style-type: none"> <li>• All fittings shall be Class 9 SANS 966 Part 1, SANS 966 Part 2 and SANS 16422</li> </ul> <p><b>Cast Iron Steel Fittings</b></p> <ul style="list-style-type: none"> <li>• Fittings shall be of Grade 42 steel according to BS 2035 specification.</li> <li>• Fittings shall be black bitumen coated</li> </ul> |         |
| 4.2 | <p><b>HANDLING</b></p> <ul style="list-style-type: none"> <li>• When offloading the products on site, care should be taken not to damage the items.</li> <li>• The representative from the Client and the supplier should be present during offloading of items to check any defects on items being delivered.</li> <li>• Any item which is damaged or not to the required specification will be rejected and must be replaced within 14 days upon receiving official communication from the Client at the supplier's expense.</li> <li>• Should the supplier's representative not be present during offloading, they will still be liable for any defects identified by the Client.</li> </ul> <p><b>Note: Any replacement of the damaged products before and during offloading will be the liability of the supplier.</b></p>  |         |

|            | <b>STIPULATIONS</b>   | <b>INITIAL</b> |
|------------|---|----------------|
| <b>5.</b>  | <p><b>TECHNICAL SUPPORT</b></p> <p>Should any problem be reported to the supplier concerning the services, the following response times are expected:</p> <ul style="list-style-type: none"> <li>• Within 72 hours a representative of the supplier should be on site to resolve the problem.</li> <li>• Within 7 days there should be a solution to the problem or if not possible, replaced items should be on site within 14 days at the supplier's expense.</li> </ul> <p><b>ANY DEFECTED/DEFAULT PRODUCT SHOULD BE REPLACED AT THE SUPPLIER'S EXPENSE.</b></p>   |                |
| <b>6.</b>  | <p><b>SCOPE OF CONTRACT</b></p> <p><b>Bidder</b></p> <p>The Bidder will be required to perform the following service as part of this contract:</p> <p>(i) The supply, delivery and offloading of various pipes for a period of 36 months</p>  |                |
| <b>7.</b>  | <p><b>QUANTITIES REQUIRED / DELIVERY</b></p> <p>The quantity required cannot be guaranteed since items/ material will be as and when required. The contract period will be for 36 months. However, the requirements can be as per the demand specified in the orders. Quotations will be requested from successful bidders who formed part of the panel.</p> <p>The Bidder will not be entitled to claim any form of compensation for any requirement variations in the total quantities or specific quantities whatsoever.</p> <p>The delivered material will be accepted and regarded as being in accordance with the specification if it fulfils the requirements given in hereunder.</p> <p><b>NOTE: THE DEPARTMENT RESERVES THE RIGHT TO CHANGE THE QUANTITY/ QUANTITIES TO BE ORDERED FROM THE SUCCESSFUL BIDDER.</b></p> |                |
| <b>8.</b>  | <p><b>PROGRAMME OF WORKS</b></p> <ul style="list-style-type: none"> <li>• The bidder will be required to submit the delivery program aligned to the project milestones within 14 days upon receipt of the purchase order.</li> </ul>  |                |
| <b>9.</b>  | <p><b>ROAD CONDITIONS AND DISTANCE</b></p> <p>Bidders are advised to acquaint themselves with roads, road conditions, distances, etc. on and to the site, before bidding.</p>   |                |
| <b>10.</b> | <p><b>COSTS</b></p> <p>During the sourcing of price quotations, bidders shall provide in their bid price inclusive for all labour, plant, material, implements and transport necessary for the execution of the contract and all operating and maintenance costs in accordance with the bid documents.</p>  |                |
| <b>11.</b> | <p><b>DELIVERY</b></p> <p>The contractor will contact the supplier in advance to arrange a date and time on which the services must be rendered on site.</p>  |                |

|     | STIPULATIONS  | INITIAL |
|-----|---|---------|
|     | <p>The site delivery address is:<br/>Department of Water and Sanitation<br/><b>Tzaneen Dam</b><br/>Coordinates - 23°47'54.32" S 30°10'11.22" E</p> <p><b>Nandoni Dam Remedial Action Project, Nandoni Dam</b><br/>Coordinates - 22°58'40.74"S 30°36'20.06"E</p> <p><b>Babanana Water Project</b><br/><br/>Coordinates: 23° 44.927'S 30° 29.569'E</p> <p><b>Giyani Water Service Project</b><br/>Coordinates: 23°19'10.61"S 30°43'37.71"E</p> <p><b>Makhado Bulk Water Supply</b><br/><br/>Coordinates: 23° 4'44.84"S 30° 1'26.40"E</p> <p><b>Nzhelele Rehabilitation Canal</b><br/><br/>Coordinates: 22°36'53.90"S 30° 9'34.67"E</p> <p>Deliveries may be made during the following working hours 7h30 to 15h00 from Monday to Thursday but not on the following days or periods:</p> <ul style="list-style-type: none"> <li>(i) Fridays 14h00 to Mondays 7h00</li> <li>(ii) All public holidays</li> <li>(iii) The period 14 December to 09 January per annual calendar.</li> <li>(iv) The last Thursday and Friday of the month</li> </ul> <p>The Bidder should inform the Client of the delivery 3 days prior.</p> <p>The Bidder shall nominate a contract person with whom the Department will arrange and schedule deliveries. Official Purchase orders for material will be placed 48 hours before delivery is required.</p> <p>DWS Construction will perform testing of all material delivered to site to ensure that all material do comply with the relevant specification.</p> <p>DWS will decline material that does not comply. The declined consignments must be removed from site ASAP for the Bidders own cost.</p> <p>The ownership of and risk for purchased material will pass to the Department at the point of delivery i.e., where a signed acceptance take place.</p> |         |
| 12. | <p><b>DELIVERY PERIOD</b></p> <p>A firm delivery period is required. Adherence to bid delivery period is of utmost importance.</p> <p>Note that the penalty for late delivery prescribed in paragraph 14 of the Specification will be imposed.</p>  |         |

|            | <b>STIPULATIONS</b>  | <b>INITIAL</b> |
|------------|--|----------------|
| <b>13.</b> | <b>BID PRICE AND DELIVERY PERIODS</b><br><br>All-inclusive bid prices are required, meaning delivery and any other cost mentioned in the specification for the Bidders account must be included in the unit price.   |                |
| <b>14.</b> | <b>PENALTIES AND DELAY DAMAGES</b><br><br>The penalties referred to in clause 22 of the General Conditions of Contract state 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 price as a penalty, a sum 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 (National Treasury).   |                |
| <b>15.</b> | <b>PAYMENT</b><br><br>Interim payment will be made. The Department reserves the right to check the quantities of material delivered done at any time. Payment will be made monthly on receipt of specified tax invoices.<br><br>Payment will not be made for consignment unless supported by delivery notes duly signed by the official checking the delivery.<br><br>Payment will be done within 30 days of receipt and approval of original invoice by depositing the payment directly into the bank account of the successful bidder. No cash or cheque payment will be done.<br><br>Payment for standing time exceeding two hours will only be made if such standing time is a result of the action of the Department. |                |
| <b>16.</b> | <b>ACCEPTANCE CRITERIA FOR DELIVERED MATERIAL</b><br><br>The delivered material will be accepted and regarded as being similar to the specification if it fulfils the requirements given in Clause 4.  |                |
| <b>17.</b> | <b>SAFETY AND ENVIRONMENTAL</b><br><br>Bidders are required to adhere to the Departments Safety and Environmental policies.  |                |
| <b>18.</b> | <b>APPOINTMENT STRATEGY</b><br><br>The Department intends to appoint a panel of service providers. The quotations will be requested from successful bidders who formed part of the panel. A bidder who scores the highest points for price and specific goals will be appointed. Request for quotations for materials will be as and when required.  |                |
| <b>19</b>  | <b>LOCAL PRODUCTION AND CONTENT</b><br><br>(a) Local production and content Annexures (C, D, E) will only be a compliant requirement at the stage of actual procurement when the actual sizes and quantities of the designated product/items are specified under a particular project.<br>(b) For bidding purposes bidders must indicate compliance to designated items as listed on each table.<br>(c) A bidder will be disqualified if they fail to confirm in the bid document that they will comply with the threshold percentage of the designated items.   |                |

|  | STIPULATIONS   | INITIAL |
|--|--|---------|
|  | <ul style="list-style-type: none"> <li>• In terms of section 2(1) (f) of the PPPFA, the state may award a contract to a tenderer that did not score the highest points.</li> <li>• With the above provision, a tender may be awarded to a bidder offering goods that meet the local content requirements than the tenderer scoring the highest points.</li> <li>• A letter from the local manufacturer confirming local production and content outlining types and sizes of the items to be provided must be submitted.</li> <li>• The stipulated minimum threshold percentage for local production and content of <b>pipes products is 100%</b> as stipulated by the Department of Trade, Industry and Competition (<b>THE DTIC</b>) is applicable.</li> <li>• Bidders are therefore required to submit manufacturer letter(s) or Local Content Declaration form and its annexures for this purpose. Items that are claimed to be manufactured locally and the manufacturer's letter or Local Content Declaration form and its annexures are not submitted will not be considered as locally being manufactured (This is applicable during sourcing of quotations).</li> <li>• An exemption letter from <b>THE DTIC</b> must be obtained as per the exemption process followed by <b>THE DTIC</b> for items or materials that are imported and in cases whereby local content requirements cannot be met for various reasons (see exemption process followed by <b>THE DTIC</b>).</li> </ul> <p>Substantial supporting documents may be required at any point in time before and after award of the contract. Due diligence, which includes site visits, may be conducted in this regard.</p> |         |
|  | <p align="center"><b><u>BIDDERS MUST INITIAL ALL PAGES &amp;</u></b></p> <p align="center"><b><u>BELOW DECLARATION MUST BE SIGNED</u></b></p>  |         |

Therewith I, \_\_\_\_\_ (Bidder's Name) declare that I have read, completed and understood the above specifications.

\_\_\_\_\_  
**BIDDER'S SIGNATURE**



DEPARTMENT OF WATER AND SANITATION  
REPUBLIC OF SOUTH AFRICA

**DWS23-1023 WTE**

**APPOINTMENT OF A PANEL OF SERVICE PROVIDER TO SUPPLY, DELIVER AND OFFLOADING OF  
VARIOUS PIPESTO VARIOUS PROJECTS FOR A PERIOD OF 36 MONTHS TO DWS CONSTRUCTION  
NORTH IN THE LIMPOPO PROVINCE**

**FORM OF OFFER AND ACCEPTANCE**

**Offer**

The Employer, identified in the acceptance signature block, has solicited offers to enter a contract for **APPOINTMENT OF A PANEL OF SERVICE PROVIDER TO SUPPLY, DELIVER AND OFFLOADING OF VARIOUS PIPESTO VARIOUS PROJECTS FOR A PERIOD OF 36 MONTHS TO DWS CONSTRUCTION NORTH IN THE LIMPOPO PROVINCE**

The tenderer, identified in the offer signature block, has examined the Terms of Reference, and by submitting this offer has accepted the conditions of Tender.

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

**THE OFFERED TOTAL OF THE PRICES INCLUSIVE OF VALUE ADDED TAX IS: .....**  
**..... Rand (in words); R ..... (in figures)**

This offer may be accepted by the Employer by signing the acceptance part of this form of offer and acceptance and returning one copy of this document to the tenderer before the end of the period of validity stated in the Tender Data, whereupon the Tenderer becomes the party named as the

**For the Tenderer:**

Signature .....

Date .....

Name .....

Capacity .....

**for the Tenderer**



(Name and ..... address of organization) .....  
.....  
Signature ..... Date .....  
(WITNESS)

### Acceptance

By signing this part of this form of offer and acceptance, the Employer identified below accepts the tenderer's offer. In consideration thereof, the Employer shall pay the sub-consultant the amount due in accordance with the conditions of contract identified in the Terms of Reference. Acceptance of the tenderer's offer shall form an agreement between the Employer and the tenderer upon the terms and conditions contained in this agreement and in the contract that is the subject of this agreement. The terms of the contract are contained in the Contract Data.

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

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

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

Signature ..... Date .....

Name ..... Capacity .....

**for the Employer DWS, 6<sup>th</sup> Floor Sedibeng Building, 185 Francis Baard Street, Pretoria**

Signature ..... Date .....  
(WITNESS)

Name ..... Date .....  
(WITNESS)

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

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

**FORM 1.2 CONTRACT DATA**

## 1. DEFINITIONS AND INTERPRETATION

1.1 The headings of the clauses in this Contract are for the purpose of convenience and reference only and shall not be used in the interpretation of nor modify nor amplify the terms of this Contract nor any clause hereof.

1.2 Unless the context clearly indicates a contrary intention, an expression which denotes any gender includes

the other genders, a natural person includes an artificial person and vice versa, the singular includes the plural and vice versa and the following expressions bear the meanings assigned to them below and cognate expressions bear corresponding meanings, namely: -

**“Accounting Officer”** means the head of the Department of Water and sanitation (**“DWS”**) as contemplated in section 36(2) (a) of the PFMA and referred to as the DG;

**“Annexure A”** means the Terms of Reference, inclusive of all bid documents and the General conditions of contract (GCC) of the National Treasury, issued by **DWS** in terms of a contract **DWS23-1023 WTE** and accepted by the **SERVICE PROVIDER**;

**“Annexure B”** means the Tax Clearance Certificate submitted by the **SERVICE PROVIDER**;

**“Annexure C”** means the **SERVICE PROVIDER’s** proposal, inclusive of quotation submitted to and accepted by DWS;

**“Annexure D”** means letter of authorisation from the **SERVICE PROVIDER**;

**“Annexure E”** means letter of appointment of a **SERVICE PROVIDER**;

**“Annexure F”** means the area the **SERVICE PROVIDER** is bidding for

**Bank Account”**

means the bank account as registered in the name of the **SERVICE PROVIDER** as its Bank Account for purposes of this Contract and of which the details are as follows:

Account holder name:

Bank:

Account Number:

Branch Number:

**“Confidential Information”**

means information that (a) relates to the Disclosing Party’s past, present or future research development, business activities, products, services and/or technical knowledge relating to the Project, and (b) either has been identified in writing as confidential or is of such a nature (or has been disclosed in such a way) that it should be obvious to the other Party that it is claimed as confidential. (As used herein, the Party disclosing Confidential Information referred to as “the Disclosing Party” and the Party receiving confidential information referred to as “the Recipient” or “the Receiving Party.”) and includes, but is not limited in its interpretation to, all Project information and secret knowledge, technical information and specifications, manufacturing techniques, designs, circuit diagrams, instruction manuals, blueprints, electronic artwork, samples, devices, demonstrations, formulae, know-how information concerning materials, scientific information generally, and other materials of whatever description in which the owner thereof has an interest in being kept confidential, including scientific knowledge gathered during the course of research and include information (whether oral, documentary, magnetic, electronic, graphic or digitised) containing or consisting of information or material of a technical, financial, operational, commercial, administrative or planning nature or in the nature of Intellectual Property of any kind and

relating (wholly or in part) to the Disclosing party or any of its actual or projected projects, research activities or businesses, including its suppliers, funder’s, personnel, students, facilities, assets, financial condition or results, rights, obligations and liabilities;

means this Contract and includes all schedules and Annexures thereto;

**“Contract Price”**

means the price as tendered by the **SERVICE PROVIDER** and accepted by **DWS** when awarding this Contract to the Service;

**“Days”**

shall be construed as calendar days unless qualified by the word “business”, in which instance a “**business day**” shall, similarly be construed as any other day than a Saturday, Sunday or public holiday as gazetted by the Government of the Republic of South Africa from time to time;

|                                |  |
|--------------------------------|--|
|                                | means the Department of Water and Sanitation, South Africa;  |
| <b>“DWS”</b>                   |  |
| <b>“Financial Year”</b>        | means the financial year beginning on <b>1 April</b> and ending on <b>31 March</b> of the following year;  |
| <b>“Force Majeure”</b>         | means any event beyond the control of the <b>SERVICE PROVIDER</b> and not involving the <b>SERVICE PROVIDER</b> ’s fault or negligence and not foreseeable. Such events may include, but not restricted to, acts of the Department in its sovereign capacity, wars or revolutions, fires, floods, epidemics, strikes, quarantine restrictions and freight embargoes; |
| <b>Fraudulent Practice”</b>    | means a misrepresentation of facts in order to influence the execution of a Contract to the detriment of the Department and includes collusive practice among officials of the <b>SERVICE PROVIDER</b> (prior to or after bid submission), designed to defraud the Department;   |
| <b>“Intellectual Property”</b> | includes any immaterial property or rights thereto recognised and protected as such by the laws of the Republic of South Africa, International law, custom and/ practice to be Intellectual Property;  |
| <b>“Laws”</b>                  | means any law of general application and includes the common law and any statute, constitution, decree, treaty, regulation, directive, ordinance, by-law, order or any other enactment of legislative measure of government (including local and provincial government) statutory or regulatory body which has the force of law;                                     |
| <b>“Parties”</b>               | <b>DWS</b> and the <b>SERVICE PROVIDER</b> and “Party” refers to either one of them as so determined by the context;   |
| <b>“PFMA”</b>                  | means the Public Finance Management Act, 1999 (Act No. 1 of 1999) as amended;  |
| <b>“Project”</b>               | means the work to be performed by the <b>SERVICE PROVIDER</b> as described in the <b>Annexure A</b> and <b>C</b> ; and   |
| <b>“Services Provider”</b>     | means the supplier goods or service provider for the tendered work   |

**“Tax”**

means all income tax, capital gains tax, secondary tax on companies (or any similar tax or substituting it), dividend tax, Value Added Tax (VAT), stamp duty, securities transfer tax, uncertified securities tax, Pay-As-You-Earn (PAYE), levies, assessments, imposts, deductions, charges and withholding whatsoever in terms of any tax legislation, and includes all penalties and interest payable as a consequence of any failure or delay in paying any taxes; and

- 1.4 The Annexures to this Contract will form an integral part of the Contract.
- 1.5 If any provision in a definition is a substantive provision conferring rights or imposing obligations on any Party, notwithstanding that it is only in the definition clause, effect shall be given to it as if it were a substantive provision in the body of the Contract.
- 1.6 When any number of days is prescribed in this Contract, same shall be reckoned exclusively of the first and inclusively of the last day, unless the last day falls on a Saturday, Sunday or public holiday, in which case the last day shall be the succeeding day which is not a Saturday, Sunday or public holiday.
- 1.7 Where figures are referred to in numerals and in words, if there is any conflict between the two, the words shall prevail.
- 1.8 Expressions defined in this Contract shall bear the same meanings in schedules or Annexures to this Contract which do not themselves contain their own definitions.
- 1.9 Where any term is defined within the context of any particular clause in this Contract, the term so defined, unless it is clear from the clause in question that the term so defined has limited application to the relevant clause, shall bear the meaning ascribed to it for all purposes in terms of this Contract, notwithstanding that, that term has not been defined in this interpretation clause.
- 1.10 The use of the word "including" followed by a specific example/s shall not be construed as limiting the meaning of the general wording preceding it and the *eiusdem generis* rule shall not be applied in the interpretation of such general wording or such specific examples.
- 1.11 If there is any conflict between the terms of this Contract and the terms of any Annexure or schedule attached hereto, the terms of this Contract shall apply.

**2. CONTRACT PRICE AND PAYMENT METHOD**

2.1 **DWS** undertakes to pay the **SERVICE PROVIDER** a total amount (refer to Annexure A of the bid document as the successful Bidder will be paid per rate) inclusive of VAT for **THE SUPPLY, DELIVERY AND OFFLOADING OF VARIOUS PIPES TO VARIOUS PROJECTS FOR A PERIOD OF 36 MONTHS TO DWS CONSTRUCTION NORTH** project **DWS23-1023 WTE**.

2.2 The payment shall be made electronically into the Bank Account of the **SERVICE PROVIDER** by **DWS** as follows:

2.2.1 An amount of (refer to Annexure A of the bid document as the successful Bidder will be paid per rate) inclusive of VAT, shall be paid electronically into the Bank Account of the **SERVICE PROVIDER** by

the **DWS** within 30 (thirty) days of receipt of goods supplied and delivered in good condition to the satisfaction of the Project Manager of **DWS** as contemplated in clause 4.3

### 3. DURATION OF THE CONTRACT

3.1 This Contract shall come into force upon signature by the last Signing Party hereof and shall continue to remain in force for a period of thirty-six (36) months.

3.2 **DWS** reserves the right to seek clarification and request further information and supporting documentation both during and after completion of the Project notwithstanding the termination of the Contract.

### 4. OBLIGATIONS OF THE SERVICE PROVIDER

4.1 **SERVICE PROVIDER** shall at its earliest convenience inform **DWS** of any changes within the **SERVICE PROVIDER** that might adversely affect the subsistence of this Contract.

4.2 **SERVICE PROVIDER** shall provide the services as set out in “**Annexure A and C** to this Contract.

| Deliverable  | Due Date  |
|--|---|
| The Supply, Delivery and Offloading of Various Pipes to Various Projects For a Period of 36 Months to DWS Construction North | Within 7 days after receipt of issuing purchase to the Service Provider when required |

- 4.3** The **SERVICE PROVIDER** shall carry out all contractual obligations with reasonable care, diligence, skill, efficiency, and economy, in accordance with generally accepted professional techniques required and employ appropriate technology and shall observe sound and acceptable management practices.
- 4.4** The **SERVICE PROVIDER** shall act in a fiduciary manner towards **DWS** and as a conscientious advisor to **DWS** and shall, at all times, support and safeguard **DWS** legitimate interests in dealing with third parties in respect of any matter relating to this Contract.
- 4.5** Acknowledge the statutory functions and duties of **DWS** and undertake to perform its obligations under this Contract in a manner that will not detract from the image and reputation of **DWS**.
- 4.6** Where the services include the exercise of powers to certify, decide or otherwise exercise discretion in regard to a Contract between **DWS** and others, the **SERVICE PROVIDER** shall act in respect of that Contract as an independent professional.
- 4.7** If the **SERVICE PROVIDER** is a joint venture or consortium of two or more persons, all such persons shall be jointly and severally bound to fulfil the terms of the Contract, and the **SERVICE PROVIDER** shall designate one person to act as a leader with authority to bind the joint venture or consortium. The composition or constitution of the joint venture or consortium shall not be altered without the prior written consent of **DWS**.
- 4.8** The **SERVICE PROVIDER** shall employ and provide all qualified and experienced personnel to perform the Services under this Contract. If at any given time, a particular key person is not available to perform such services, the **SERVICE PROVIDER** may engage a replacement who is equally or better qualified, to perform those duties. The **SERVICE PROVIDER** shall, motivate in writing, for
- 4.9** Such replacement and submit the name of the replacement, relevant qualifications and experience to **DWS** for approval.
- 4.10** The **SERVICE PROVIDER** shall take all measures necessary and provide all materials and equipment necessary to enable its personnel to perform their duties in an efficient manner.

## **5. OBLIGATIONS OF DWS**

- 5.1** **DWS** shall make available to **SERVICE PROVIDER** the Contract Price as agreed in terms of clause 2.

- 5.2 **DWS** shall at its earliest convenience inform **SERVICE PROVIDER** of any changes within **DWS** that might adversely affect the subsistence of this Contract.
- 5.3 **DWS** shall provide **SERVICE PROVIDER** with such information, documentation and other details requested in writing by **SERVICE PROVIDER** to enable **SERVICE PROVIDER** to fulfil its obligations in terms of this Contract. If such documentation is not provided by **DWS**, **SERVICE PROVIDER** shall indicate in writing which documentation is outstanding. **DWS** shall only be obliged to provide that information or documentation which is relevant to this Contract, and which is in the possession of **DWS**.
- 5.4 The **DWS project manager** shall obtain and sign off on regular progress and other reports as required, to be provided by the **SERVICE PROVIDER** and stipulated in **Annexure(s) A and C** to this Contract, prior to further processing of invoice.

## **6. CHANGE CONTROL**

- 6.1 Should either Party wish to make any amendment or alteration to the Project specification that Party shall prepare a change order and present to the other

Party, which shall specify the following:

- 6.1.1 the date of the change order;
  - 6.1.2 the description of the proposed amendment or alteration;
  - 6.1.3 if applicable, previous unspecified ad-hoc work to be undertaken;
  - 6.1.4 the reason for making the proposed amendment or alteration;
  - 6.1.5 when the Party requires the change to be implemented;
  - 6.1.6 the resources available; and
  - 6.1.7 the continued balance of the Parties obligations under this Contract.
- 6.2 The other Party shall be given an opportunity to consider such change order and make a decision on whether it is prepared to accept such change order or not.
- 6.3 No change order shall be of any force and effect until it is signed by duly authorised representatives of each of the Parties.

## **7. CONFIDENTIALITY OF INFORMATION**

- 7.1 The Parties shall keep confidential and shall not disclose to any third party (other than for the purposes of performing services under this Contract) any



- 7.2 of the Confidential Information disclosed to either Party during the discussions or negotiations or implementation of this Contract or at any time thereafter.
- 7.3 The provisions of 7.1 above shall not apply to any Confidential Information which –
- 7.2.1 is or hereafter becomes part of the public domain (otherwise than as a result of a breach of the provisions of 7.1 above);
  - 7.2.2 can be shown to have been lawfully in the possession of the party receiving such Confidential Information, or its affiliates, prior to its disclosure and is not subject to any existing Contract between the Parties and/or their affiliates;
  - 7.2.3 is acquired by a Party or its affiliates independently from a third party, who lawfully acquired such information without restriction, or information which is acquired or developed by a Party or its affiliates independently of the other Party in circumstances which do not amount to a provision of 7.2.1 and 7.2.2 above; and
  - 7.2.4 is disclosed or released by the Receiving Party/Recipient to satisfy an order of Court or otherwise comply with the provisions of any law or regulation in force at the time.

## 8. BREACH AND TERMINATION

- 8.1 Should any Party (*“the defaulting Party”*) commit a breach of any of the provisions hereof, then any of the other Parties (*“the aggrieved Party”*) shall be entitled to give the defaulting Party 14 (fourteen) days written notice to remedy the breach. If the defaulting Party fails to comply with such notice, the aggrieved Party shall be entitled to cancel this Contract against the defaulting Party or claim immediate payment and/or performance by the defaulting Party of all of the defaulting Party’s obligations whether or not the due date for payment and/or performance shall have arrived, in either event without prejudice to the aggrieved Party’s rights to claim damages. The foregoing is without prejudice to such other rights as the aggrieved Party may have at law.
- 8.2 **DWS** reserves the right to terminate the Contract if the Supply and Delivery is not implemented as agreed in this Contract.
- 8.3 **DWS** shall give the **SERVICE PROVIDER** 14 (fourteen) days’ notice of its intention to terminate the Contract as envisaged in terms of clause 8.2.

8.4 The provisions of this clause are subject to clause 10 of this Contract.

## 9. ACTS OF GOD (FORCE MAJEURE)

9.1 A Party shall not be liable for failure to perform any of its obligations in terms of this Contract if it is established to the satisfaction of the other Party that:

9.1.1 the failure was due to an event which was beyond its control; and/or

9.1.2 it could not reasonably have expected, at the time of conclusion of this Contract, to have taken into account the event and its effects on the Party's ability to perform; and/or

9.1.3 it could not reasonably have overcome the event or the effects of the event preventing it to perform.

9.2 The events contemplated in clause 9.1 include, but are not limited to:

9.2.1 war, civil war, armed conflict or terrorism; and/or

9.2.2 natural disasters such as violent storms, floods, earthquakes, destruction by lightning; and/or

9.2.3 explosions and fires; and/or

9.2.4 protected or unprotected industrial action; and/or

9.2.5 acts of authority, whether lawful or unlawful, apart from acts for which the Party seeking relief has assured the risk in terms of this Contract or in the normal course of business.

## 10. CANCELLATION OF THE PROJECT AND CONSEQUENCES THEREOF

10.1 Should the Supply and Delivery be cancelled; **SERVICE PROVIDER** shall inform **DWS** within 7 (seven) working days thereof and any balance of the Allocation received which has not been spent or committed

as yet in terms of the Supply and Delivery shall be refunded to **DWS** in accordance with the provisions of this Contract.

- 10.2 **SERVICE PROVIDER** undertakes to compensate **DWS** for any losses caused or incurred as a result of the cancellation of the Supply and Delivery, if such cancellation is due to the failure of **SERVICE PROVIDER** to comply with any provisions of this Contract.
- 10.3 Should **SERVICE PROVIDER** fail to meet any of its obligations arising from this Contract **DWS** shall, without prejudice to any rights to which **DWS** is entitled to in law or by virtue of this Contract, have the right to, with notice to **SERVICE PROVIDER**, discontinue any further payments and cancel the Contract immediately, and shall reclaim any amounts already allocated but not yet spent or committed towards the Supply and Delivery in which case interest shall be charged at the then prime interest rate charged by its Bankers.
- 10.4 Should **DWS** choose to invoke the provisions of clause 10.3 above, a letter to that effect addressed to **SERVICE PROVIDER** shall suffice.

## 11. DISPUTE RESOLUTION

- 11.1 In the event of any dispute arising from this Contract, including the implementation, execution, interpretation, rectification, termination or cancellation of this Contract, the Parties shall make every effort to settle such dispute amicably.
- 11.2 If the dispute is not capable of being settled between the Parties amicably, it shall be elevated to the Parties' Senior Management / Executive level, or their duly designated representatives, for mediation purposes, which mediation shall be concluded within a period of 30 (thirty) days.
- 11.3 Should the dispute still remain unresolved, the dispute will be adjudicated by a competent court of law with jurisdiction to hear the matter.

## 12. CESSION, SUB-CONTRACTING AND ASSIGNMENT

- 12.1 **SERVICE PROVIDER** shall not be entitled to cede, assign or sub-contract all or any of its rights or obligations under this Contract without the prior written consent of **DWS**.
- 12.2 **DWS** shall be entitled to cede and assign all of its rights and obligations, or any portion thereof under this Contract to any other party, subject only to the rights and obligations of **SERVICE PROVIDER** being honoured, either by

- 12.3 **DWS** providing a written undertaking to **SERVICE PROVIDER** to honour its obligations, or the rights and obligations of **SERVICE PROVIDER** being honoured by any successor in title or assignee of **DWS**, without written consent of **SERVICE PROVIDER**.
- 12.4 The **SERVICE PROVIDER** shall not sub-contract to, nor engage a sub-contractor to perform any part of the Services that is more than 25% (twenty-five percent of the total scope of work arising from this Contract, without the prior written authorization of **DWS**. The Services to be sub-contracted and the identity of the sub-contractor shall be notified to and approved by the **DWS**.
- 12.5 **DWS** shall, within 30 (thirty) days of receipt of such notification, notify the **SERVICE PROVIDER** of its decision, stating reasons, should **DWS** withhold such authorization. If the **SERVICE PROVIDER** enters into a sub-contract with any sub-contractor without prior written approval, **DWS** shall forthwith instruct the **SERVICE PROVIDER** to terminate such contract, until such time that due processes have been followed and the requisite approval granted by the **DWS**.
- 12.6 **DWS** shall have no contractual relationships with sub-contractors appointed by the Service Provider. If a sub-contractor is found to be incompetent in discharging its duties, the **DWS** may request the **SERVICE PROVIDER** either to replace the sub-contractor with one with qualifications and experience, or instruct the **SERVICE PROVIDER** to resume the performance of the Services itself.
- 12.7 The **SERVICE PROVIDER** shall advise the **DWS**, without delay of the variation or termination of any sub-contracting for performance of all or part of the Services.
- 12.8 The **SERVICE PROVIDER** shall be responsible for the acts, defaults and negligence of its sub-contractors and its agents or employees, as if they were the acts, defaults of negligence of the **SERVICE PROVIDER**, its agents or employees.

### 13. INDEMNITY

Notwithstanding anything to the contrary set out in this Contract, the Parties hereby undertake to place reliance on the common law of contract insofar as it relates to any claims that may arise as a result of the conduct of any Party to this Contract.

### 14. DOMICILIUM

The Parties choose as their respective *domicilium citandi et executandi* the following addresses:

#### **FOR DWS**

**6<sup>th</sup> Floor Sedibeng Building**

**185 Francis Baard Street**

## **Pretoria**

### **SERVICE PROVIDER**

14.1 Each of the Parties shall be entitled from time to time, by written notice to the other, to vary its domicilium to any other address within the Republic of South Africa which is not a post office box or poste restante.

14.2 Any notice given and any payment made by one Party to the other ("the addressee") which is: -

14.2.1 delivered by hand during the normal business hours of the addressee at the addressee's domicilium for the time being shall be presumed, until the contrary is proved, to have been received by the addressee at the time of delivery;

14.2.2 posted by pre-paid registered post from an address within the Republic of South Africa to the addressee at the addressee's domicilium for the time being shall be presumed, until the contrary is proved, to have been received by the addressee on the 4<sup>th</sup> (fourth) day after the date of posting; or

14.2.3 transmitted by telefax shall be deemed (in the absence of proof to the contrary) to have been received within 1 (one) hour of transmission where it is transmitted during normal business hours of the receiving instrument and within 2 (two) hours of the commencement of the following business day where it is transmitted outside those business hours.

## **15. PARTIES NOT AFFECTED BY RELINQUISHMENT**

15.1 The relinquishment (whether expressly or by implication) by any of the Parties of any rights arising out of breach of contract in respect of the Contract shall not prejudice any remedies of the relinquishing Party with regard to any continuing or other breach of contract in respect of the Contract.

15.2 No grace, delay, relaxation or leniency on the part of the Parties in exercising any rights by virtue of this Contract may be considered to be a relinquishment of such rights. Neither shall a single or partial exercising of such rights exclude any other or further exercising thereof in terms of the Contract.

15.3 The expiry or termination of this Contract shall not prejudice the right of any Party in respect of any of the preceding breaches of contract or of non-compliance with any of the provisions of the Contract by any of the Parties.

## **16. FULL CONTRACT**

This Contract constitutes the entire Contract, and no other Contract, provision, document or determination shall form part of this Contract unless such other Contract, provision, document or determination is in writing and has been signed by both Parties.

## **17. VARIATION**

No variation or modification of any provision of this Contract or consent to deviation therefrom shall be valid, unless such variation or modification is in writing and has been signed by both Parties, and such variation, modification or consent shall be valid only for a specific case and only for the purpose for which and extent to which it was made or given.

## **18. GOOD FAITH AND CO-OPERATION**

- 18.1 The Parties shall co-operate and assist each other in all dealings with any other Party that is necessary to cause this Contract and all other Contracts contemplated herein to be achieved including but not limited to Contracts with the national, provincial and local government, government agencies and the private sector.
- 18.2 The Parties undertake to do all such things and to sign all documents reasonably necessary to give effect to the implementation of this Contract.

## **19. LEGAL COSTS**

Each Party will pay its own costs and expenses incurred by it in connection with the negotiation and execution of this Contract.

## **20. INTELLECTUAL PROPERTY**

- 20.1 Insofar as may be necessary, **SERVICE PROVIDER** assigns to **DWS** the copyright in all present and future works eligible for copyright including, without limitation, software programmes of which it may be the author, which works were or are created, compiled, devised or brought into being during the subsistence and fulfilment of this Contract. No consideration shall be payable by **DWS** to **SERVICE PROVIDER** in respect of this assignment.
- 20.2 All policies, documents, programmes or reports of **DWS** and any work completed in terms of this Contract shall remain the intellectual property of **DWS** and all documents in this respect shall be submitted to **DWS**. No publication of any material or communication in the media or other *for a* regarding the content of these

policies, documents, programmes or reports and any work completed in terms of this Contract is allowed except with the express written consent of **DWS** with that Party.

**DEPARTMENT OF WATER AND SANITATION**

**DWS23-1023 WTE**

**APPOINTMENT OF A PANEL OF SERVICE PROVIDER TO SUPPLY, DELIVER AND OFFLOADING  
OF VARIOUS PIPESTO VARIOUS PROJECTS FOR A PERIOD OF 36 MONTHS TO DWS  
CONSTRUCTION NORTH IN THE LIMPOPO PROVINCE**

**SECTION 3: SCOPE OF WORKS**

**CONTENTS**

**1. SCOPE OF WORKS**



## SCOPE OF WORKS

### DWS23-1023 WTE

**APPOINTMENT OF A PANEL OF SERVICE PROVIDER TO SUPPLY, DELIVER AND OFFLOADING OF VARIOUS PIPES TO VARIOUS PROJECTS FOR A PERIOD OF 36 MONTHS TO DWS CONSTRUCTION NORTH IN THE LIMPOPO PROVINCE**

**NOTE: THE FOLLOWING GIVES AN INDICATION OF THE ITEMS FROM WHICH A TYPICAL ORDER WILL DERIVED FROM**

**CLOSING TIME ON:** .....

**BID NO.:** DWS23-1023 WTE

**NAME OF BIDDER:** .....

| 3. UNPLASTICISED POLY VINLY CHLORIDE (PVC-U) SPIGOT AND SOCKET PIPES IN 6M LENGTHS |             |        |        |        |         |         |         |
|--|-------------|--------|--------|--------|---------|---------|---------|
| MOPANI DISTRICT MUNICIPALITY   |             |        |        |        |         |         |         |
| 1.1 TZANEEN DAM, BABANANA WATER PROJECT AND GIYANI WATER SERVICES PROJECT          |             |        |        |        |         |         |         |
| Item No.   | Description | Class  |        |        |         |         |         |
|  |             |        |        |        |         |         |         |
| 1.1.1  | 50mm        | Class4 | Class6 | Class9 | Class12 | Class16 | Class20 |
| 1.1.2  | 63mm        | Class4 | Class6 | Class9 | Class12 | Class16 | Class20 |
| 1.1.3  | 75mm        | Class4 | Class6 | Class9 | Class12 | Class16 | Class20 |
| 1.1.4  | 90mm        | Class4 | Class6 | Class9 | Class12 | Class16 | Class20 |
| 1.1.5  | 110mm       | Class4 | Class6 | Class9 | Class12 | Class16 | Class20 |
| 1.1.6  | 125mm       | Class4 | Class6 | Class9 | Class12 | Class16 | Class20 |
| 1.1.7  | 140mm       | Class4 | Class6 | Class9 | Class12 | Class16 | Class20 |

|        |       |        |        |        |         |         |         |
|--------|-------|--------|--------|--------|---------|---------|---------|
| 1.1.8  | 160mm | Class4 | Class6 | Class9 | Class12 | Class16 | Class20 |
| 1.1.9  | 200mm | Class4 | Class6 | Class9 | Class12 | Class16 | Class20 |
| 1.1.10 | 250mm | Class4 | Class6 | Class9 | Class12 | Class16 | Class20 |
| 1.1.11 | 315mm | Class4 | Class6 | Class9 | Class12 | Class16 | Class20 |
| 1.1.12 | 355mm | Class4 | Class6 | Class9 | Class12 | Class16 | Class20 |
| 1.1.13 | 400mm | Class4 | Class6 | Class9 | Class12 | Class16 | Class20 |
| 1.1.14 | 450mm | Class4 | Class6 | Class9 | Class12 | Class16 | Class20 |
| 1.1.15 | 500mm | Class4 | Class6 | Class9 | Class12 | Class16 | Class20 |
| 1.1.16 | 560mm | Class4 | Class6 | Class9 | Class12 | Class16 | Class20 |
| 1.1.17 | 630mm | Class4 | Class6 | Class9 | Class12 | Class16 | Class20 |

| VHEMBE DISTRICT MUNICIPALITY   |             |        |        |        |         |         |         |
|--|-------------|--------|--------|--------|---------|---------|---------|
| 1.2 NANDONI DAM REMEDIAL ACTION, MAKHADO BULK WATER SUPPLY AND NZHELELE CANAL REHABILITATION PROJECT |             |        |        |        |         |         |         |
| Item No.   | Description | Class  |        |        |         |         |         |
|  |             |        |        |        |         |         |         |
| 1.2.1  | 50mm        | Class4 | Class6 | Class9 | Class12 | Class16 | Class20 |
| 1.2.2  | 63mm        | Class4 | Class6 | Class9 | Class12 | Class16 | Class20 |
| 1.2.3  | 75mm        | Class4 | Class6 | Class9 | Class12 | Class16 | Class20 |
| 1.2.4  | 90mm        | Class4 | Class6 | Class9 | Class12 | Class16 | Class20 |
| 1.2.5  | 110mm       | Class4 | Class6 | Class9 | Class12 | Class16 | Class20 |
| 1.2.6  | 125mm       | Class4 | Class6 | Class9 | Class12 | Class16 | Class20 |
| 1.2.7  | 140mm       | Class4 | Class6 | Class9 | Class12 | Class16 | Class20 |
| 1.2.8  | 160mm       | Class4 | Class6 | Class9 | Class12 | Class16 | Class20 |

|        |       |        |        |        |         |         |         |
|--------|-------|--------|--------|--------|---------|---------|---------|
| 1.2.9  | 200mm | Class4 | Class6 | Class9 | Class12 | Class16 | Class20 |
| 1.2.10 | 250mm | Class4 | Class6 | Class9 | Class12 | Class16 | Class20 |
| 1.2.11 | 315mm | Class4 | Class6 | Class9 | Class12 | Class16 | Class20 |
| 1.2.12 | 355mm | Class4 | Class6 | Class9 | Class12 | Class16 | Class20 |
| 1.2.13 | 400mm | Class4 | Class6 | Class9 | Class12 | Class16 | Class20 |
| 1.2.14 | 450mm | Class4 | Class6 | Class9 | Class12 | Class16 | Class20 |
| 1.2.15 | 500mm | Class4 | Class6 | Class9 | Class12 | Class16 | Class20 |
| 1.2.16 | 560mm | Class4 | Class6 | Class9 | Class12 | Class16 | Class20 |
| 1.2.17 | 630mm | Class4 | Class6 | Class9 | Class12 | Class16 | Class20 |

| 1.3 CAPRICORN DISTRICT MUNICIPALITY |             |        |        |        |         |         |         |
|-------------------------------------|-------------|--------|--------|--------|---------|---------|---------|
| Item No.                            | Description | Class  |        |        |         |         |         |
|                                     |             |        |        |        |         |         |         |
| 1.3.1                               | 50mm        | Class4 | Class6 | Class9 | Class12 | Class16 | Class20 |
| 1.3.2                               | 63mm        | Class4 | Class6 | Class9 | Class12 | Class16 | Class20 |
| 1.3.3                               | 75mm        | Class4 | Class6 | Class9 | Class12 | Class16 | Class20 |
| 1.3.4                               | 90mm        | Class4 | Class6 | Class9 | Class12 | Class16 | Class20 |
| 1.3.5                               | 110mm       | Class4 | Class6 | Class9 | Class12 | Class16 | Class20 |
| 1.3.6                               | 125mm       | Class4 | Class6 | Class9 | Class12 | Class16 | Class20 |
| 1.3.7                               | 140mm       | Class4 | Class6 | Class9 | Class12 | Class16 | Class20 |
| 1.3.8                               | 160mm       | Class4 | Class6 | Class9 | Class12 | Class16 | Class20 |
| 1.3.9                               | 200mm       | Class4 | Class6 | Class9 | Class12 | Class16 | Class20 |
| 1.3.10                              | 250mm       | Class4 | Class6 | Class9 | Class12 | Class16 | Class20 |

|                 |   |              |        |        |         |         |         |
|-----------------|---|--------------|--------|--------|---------|---------|---------|
| 1.3.11          | 315mm                                       | Class4       | Class6 | Class9 | Class12 | Class16 | Class20 |
| 1.3.12          | 355mm                                       | Class4       | Class6 | Class9 | Class12 | Class16 | Class20 |
| 1.3.13          | 400mm                                       | Class4       | Class6 | Class9 | Class12 | Class16 | Class20 |
| 1.3.14          | 450mm                                       | Class4       | Class6 | Class9 | Class12 | Class16 | Class20 |
| 1.3.15          | 500mm                                       | Class4       | Class6 | Class9 | Class12 | Class16 | Class20 |
| 1.3.16          | 560mm                                       | Class4       | Class6 | Class9 | Class12 | Class16 | Class20 |
| 1.3.17          | 630mm                                       | Class4       | Class6 | Class9 | Class12 | Class16 | Class20 |
|                 | <b>1.4 SEKHUKHUNE DISTRICT MUNICIPALITY</b> |              |        |        |         |         |         |
|                 |   |              |        |        |         |         |         |
| <b>Item No.</b> | <b>Description</b>                          | <b>Class</b> |        |        |         |         |         |
| 1.4.1           | 50mm  | Class4       | Class6 | Class9 | Class12 | Class16 | Class20 |
| 1.4.2           | 63mm  | Class4       | Class6 | Class9 | Class12 | Class16 | Class20 |
| 1.4.3           | 75mm  | Class4       | Class6 | Class9 | Class12 | Class16 | Class20 |
| 1.4.4           | 90mm  | Class4       | Class6 | Class9 | Class12 | Class16 | Class20 |
| 1.4.5           | 110mm                                       | Class4       | Class6 | Class9 | Class12 | Class16 | Class20 |
| 1.4.6           | 125mm                                       | Class4       | Class6 | Class9 | Class12 | Class16 | Class20 |
| 1.4.7           | 140mm                                       | Class4       | Class6 | Class9 | Class12 | Class16 | Class20 |
| 1.4.8           | 160mm                                       | Class4       | Class6 | Class9 | Class12 | Class16 | Class20 |
| 1.4.9           | 200mm                                       | Class4       | Class6 | Class9 | Class12 | Class16 | Class20 |
| 1.4.10          | 250mm                                       | Class4       | Class6 | Class9 | Class12 | Class16 | Class20 |
| 1.4.11          | 315mm                                       | Class4       | Class6 | Class9 | Class12 | Class16 | Class20 |
| 1.4.12          | 355mm                                       | Class4       | Class6 | Class9 | Class12 | Class16 | Class20 |
| 1.4.13          | 400mm                                       | Class4       | Class6 | Class9 | Class12 | Class16 | Class20 |

|                 |  |              |        |        |         |         |         |
|-----------------|--|--------------|--------|--------|---------|---------|---------|
| 1.4.14          | 450mm                                      | Class4       | Class6 | Class9 | Class12 | Class16 | Class20 |
| 1.4.15          | 500mm                                      | Class4       | Class6 | Class9 | Class12 | Class16 | Class20 |
| 1.4.16          | 560mm                                      | Class4       | Class6 | Class9 | Class12 | Class16 | Class20 |
| 1.4.17          | 630mm                                      | Class4       | Class6 | Class9 | Class12 | Class16 | Class20 |
|                 | <b>1.5 WATERBERG DISTRICT MUNICIPALITY</b> |              |        |        |         |         |         |
| <b>Item No.</b> | <b>Description</b>                         | <b>Class</b> |        |        |         |         |         |
|                 |  |              |        |        |         |         |         |
| 1.5.1           | 50mm                                       | Class4       | Class6 | Class9 | Class12 | Class16 | Class20 |
| 1.5.2           | 63mm                                       | Class4       | Class6 | Class9 | Class12 | Class16 | Class20 |
| 1.5.3           | 75mm                                       | Class4       | Class6 | Class9 | Class12 | Class16 | Class20 |
| 1.5.4           | 90mm                                       | Class4       | Class6 | Class9 | Class12 | Class16 | Class20 |
| 1.5.5           | 110mm                                      | Class4       | Class6 | Class9 | Class12 | Class16 | Class20 |
| 1.5.6           | 125mm                                      | Class4       | Class6 | Class9 | Class12 | Class16 | Class20 |
| 1.5.7           | 140mm                                      | Class4       | Class6 | Class9 | Class12 | Class16 | Class20 |
| 1.5.8           | 160mm                                      | Class4       | Class6 | Class9 | Class12 | Class16 | Class20 |
| 1.5.9           | 200mm                                      | Class4       | Class6 | Class9 | Class12 | Class16 | Class20 |
| 1.5.10          | 250mm                                      | Class4       | Class6 | Class9 | Class12 | Class16 | Class20 |
| 1.5.11          | 315mm                                      | Class4       | Class6 | Class9 | Class12 | Class16 | Class20 |
| 1.5.12          | 355mm                                      | Class4       | Class6 | Class9 | Class12 | Class16 | Class20 |
| 1.5.13          | 400mm                                      | Class4       | Class6 | Class9 | Class12 | Class16 | Class20 |
| 1.5.14          | 450mm                                      | Class4       | Class6 | Class9 | Class12 | Class16 | Class20 |
| 1.5.15          | 500mm                                      | Class4       | Class6 | Class9 | Class12 | Class16 | Class20 |
| 1.5.16          | 560mm                                      | Class4       | Class6 | Class9 | Class12 | Class16 | Class20 |

|        |       |        |        |        |         |         |         |
|--------|-------|--------|--------|--------|---------|---------|---------|
| 1.5.17 | 630mm | Class4 | Class6 | Class9 | Class12 | Class16 | Class20 |
|--------|-------|--------|--------|--------|---------|---------|---------|

| 4. MODIFIED POLY VINLY CHLORIDE (PVC-M) SPIGOT AND SOCKET PIPES IN 6M LENGTHS |             |        |        |        |         |         |         |
|---|-------------|--------|--------|--------|---------|---------|---------|
| MOPANI DISTRICT MUNICIPALITY  |             |        |        |        |         |         |         |
| 2.1 TZANEEN DAM, BABANANA WATER PROJECT AND GIYANI WATER SERVICES PROJECT     |             |        |        |        |         |         |         |
| Item No.  | Description | Class  |        |        |         |         |         |
|   |             |        |        |        |         |         |         |
| 2.1.1   | 50mm        | Class4 | Class6 | Class9 | Class12 | Class16 | Class20 |
| 2.1.2   | 63mm        | Class4 | Class6 | Class9 | Class12 | Class16 | Class20 |
| 2.1.3   | 75mm        | Class4 | Class6 | Class9 | Class12 | Class16 | Class20 |
| 2.1.4   | 90mm        | Class4 | Class6 | Class9 | Class12 | Class16 | Class20 |
| 2.1.5   | 110mm       | Class4 | Class6 | Class9 | Class12 | Class16 | Class20 |
| 2.1.6   | 125mm       | Class4 | Class6 | Class9 | Class12 | Class16 | Class20 |
| 2.1.7   | 140mm       | Class4 | Class6 | Class9 | Class12 | Class16 | Class20 |
| 2.1.8   | 160mm       | Class4 | Class6 | Class9 | Class12 | Class16 | Class20 |
| 2.1.9   | 200mm       | Class4 | Class6 | Class9 | Class12 | Class16 | Class20 |
| 2.1.10  | 250mm       | Class4 | Class6 | Class9 | Class12 | Class16 | Class20 |
| 2.1.11  | 315mm       | Class4 | Class6 | Class9 | Class12 | Class16 | Class20 |
| 2.1.12  | 355mm       | Class4 | Class6 | Class9 | Class12 | Class16 | Class20 |
| 2.1.13  | 400mm       | Class4 | Class6 | Class9 | Class12 | Class16 | Class20 |
| 2.1.14  | 450mm       | Class4 | Class6 | Class9 | Class12 | Class16 | Class20 |
| 2.1.15  | 500mm       | Class4 | Class6 | Class9 | Class12 | Class16 | Class20 |
| 2.1.16  | 560mm       | Class4 | Class6 | Class9 | Class12 | Class16 | Class20 |

|        |       |        |        |        |         |         |         |
|--------|-------|--------|--------|--------|---------|---------|---------|
| 2.1.17 | 630mm | Class4 | Class6 | Class9 | Class12 | Class16 | Class20 |
|--------|-------|--------|--------|--------|---------|---------|---------|

| VHEMBE DISTRICT MUNICIPALITY   |             |        |        |        |         |         |         |
|--|-------------|--------|--------|--------|---------|---------|---------|
| 2.2 NANDONI DAM REMEDIAL ACTION, MAKHADO BULK WATER SUPPLY AND NZHELELE CANAL REHABILITATION PROJECT |             |        |        |        |         |         |         |
| Item No.   | Description | Class  |        |        |         |         |         |
|  |             |        |        |        |         |         |         |
| 2.2.1  | 50mm        | Class4 | Class6 | Class9 | Class12 | Class16 | Class20 |
| 2.2.2  | 63mm        | Class4 | Class6 | Class9 | Class12 | Class16 | Class20 |
| 2.2.3  | 75mm        | Class4 | Class6 | Class9 | Class12 | Class16 | Class20 |
| 2.2.4  | 90mm        | Class4 | Class6 | Class9 | Class12 | Class16 | Class20 |
| 2.2.5  | 110mm       | Class4 | Class6 | Class9 | Class12 | Class16 | Class20 |
| 2.2.6  | 125mm       | Class4 | Class6 | Class9 | Class12 | Class16 | Class20 |
| 2.2.7  | 140mm       | Class4 | Class6 | Class9 | Class12 | Class16 | Class20 |
| 2.2.8  | 160mm       | Class4 | Class6 | Class9 | Class12 | Class16 | Class20 |
| 2.2.9  | 200mm       | Class4 | Class6 | Class9 | Class12 | Class16 | Class20 |
| 2.2.10   | 250mm       | Class4 | Class6 | Class9 | Class12 | Class16 | Class20 |
| 2.2.11   | 315mm       | Class4 | Class6 | Class9 | Class12 | Class16 | Class20 |
| 2.2.12   | 355mm       | Class4 | Class6 | Class9 | Class12 | Class16 | Class20 |
| 2.2.13   | 400mm       | Class4 | Class6 | Class9 | Class12 | Class16 | Class20 |
| 2.2.14   | 450mm       | Class4 | Class6 | Class9 | Class12 | Class16 | Class20 |
| 2.2.15   | 500mm       | Class4 | Class6 | Class9 | Class12 | Class16 | Class20 |

|        |       |        |        |        |         |         |         |
|--------|-------|--------|--------|--------|---------|---------|---------|
| 2.2.16 | 560mm | Class4 | Class6 | Class9 | Class12 | Class16 | Class20 |
| 2.2.17 | 630mm | Class4 | Class6 | Class9 | Class12 | Class16 | Class20 |

| 2.3 CAPRICORN DISTRICT MUNICIPALITY |             |        |        |        |         |         |         |
|-------------------------------------|-------------|--------|--------|--------|---------|---------|---------|
| Item No.                            | Description | Class  |        |        |         |         |         |
|                                     |             |        |        |        |         |         |         |
| 2.3.1                               | 50mm        | Class4 | Class6 | Class9 | Class12 | Class16 | Class20 |
| 2.3.2                               | 63mm        | Class4 | Class6 | Class9 | Class12 | Class16 | Class20 |
| 2.3.3                               | 75mm        | Class4 | Class6 | Class9 | Class12 | Class16 | Class20 |
| 2.3.4                               | 90mm        | Class4 | Class6 | Class9 | Class12 | Class16 | Class20 |
| 2.3.5                               | 110mm       | Class4 | Class6 | Class9 | Class12 | Class16 | Class20 |
| 2.3.6                               | 125mm       | Class4 | Class6 | Class9 | Class12 | Class16 | Class20 |
| 2.3.7                               | 140mm       | Class4 | Class6 | Class9 | Class12 | Class16 | Class20 |
| 2.3.8                               | 160mm       | Class4 | Class6 | Class9 | Class12 | Class16 | Class20 |
| 2.3.9                               | 200mm       | Class4 | Class6 | Class9 | Class12 | Class16 | Class20 |
| 2.3.10                              | 250mm       | Class4 | Class6 | Class9 | Class12 | Class16 | Class20 |
| 2.3.11                              | 315mm       | Class4 | Class6 | Class9 | Class12 | Class16 | Class20 |
| 2.3.12                              | 355mm       | Class4 | Class6 | Class9 | Class12 | Class16 | Class20 |
| 2.3.13                              | 400mm       | Class4 | Class6 | Class9 | Class12 | Class16 | Class20 |
| 2.3.14                              | 450mm       | Class4 | Class6 | Class9 | Class12 | Class16 | Class20 |
| 2.3.15                              | 500mm       | Class4 | Class6 | Class9 | Class12 | Class16 | Class20 |



|                 |  |              |        |        |         |         |         |
|-----------------|--|--------------|--------|--------|---------|---------|---------|
| 2.3.16          | 560mm                                      | Class4       | Class6 | Class9 | Class12 | Class16 | Class20 |
| 2.3.17          | 630mm                                      | Class4       | Class6 | Class9 | Class12 | Class16 | Class20 |
|                 |  |              |        |        |         |         |         |
|                 | <b>2.4SEKHUKHUNE DISTRICT MUNICIPALITY</b> |              |        |        |         |         |         |
|                 |  |              |        |        |         |         |         |
| <b>Item No.</b> | <b>Description</b>                         | <b>Class</b> |        |        |         |         |         |
|                 |  |              |        |        |         |         |         |
| 2.5.1           | 50mm                                       | Class4       | Class6 | Class9 | Class12 | Class16 | Class20 |
| 2.5.2           | 63mm                                       | Class4       | Class6 | Class9 | Class12 | Class16 | Class20 |
| 2.5.3           | 75mm                                       | Class4       | Class6 | Class9 | Class12 | Class16 | Class20 |
| 2.5.4           | 90mm                                       | Class4       | Class6 | Class9 | Class12 | Class16 | Class20 |
| 2.5.5           | 110mm                                      | Class4       | Class6 | Class9 | Class12 | Class16 | Class20 |
| 2.5.6           | 125mm                                      | Class4       | Class6 | Class9 | Class12 | Class16 | Class20 |
| 2.5.7           | 140mm                                      | Class4       | Class6 | Class9 | Class12 | Class16 | Class20 |
| 2.5.8           | 160mm                                      | Class4       | Class6 | Class9 | Class12 | Class16 | Class20 |
| 2.5.9           | 200mm                                      | Class4       | Class6 | Class9 | Class12 | Class16 | Class20 |
| 2.5.10          | 250mm                                      | Class4       | Class6 | Class9 | Class12 | Class16 | Class20 |
| 2.5.11          | 315mm                                      | Class4       | Class6 | Class9 | Class12 | Class16 | Class20 |
| 2.5.12          | 355mm                                      | Class4       | Class6 | Class9 | Class12 | Class16 | Class20 |
| 2.5.13          | 400mm                                      | Class4       | Class6 | Class9 | Class12 | Class16 | Class20 |
| 2.5.14          | 450mm                                      | Class4       | Class6 | Class9 | Class12 | Class16 | Class20 |
| 2.5.15          | 500mm                                      | Class4       | Class6 | Class9 | Class12 | Class16 | Class20 |
| 2.5.16          | 560mm                                      | Class4       | Class6 | Class9 | Class12 | Class16 | Class20 |

|                 |                    |  |        |        |         |         |         |
|-----------------|--------------------|--|--------|--------|---------|---------|---------|
| 2.5.17          | 630mm              | Class4                                     | Class6 | Class9 | Class12 | Class16 | Class20 |
|                 |                    |  |        |        |         |         |         |
|                 |                    |  |        |        |         |         |         |
|                 |                    |  |        |        |         |         |         |
|                 |                    | <b>2.6 WATERBERG DISTRICT MUNICIPALITY</b> |        |        |         |         |         |
|                 |                    |  |        |        |         |         |         |
| <b>Item No.</b> | <b>Description</b> | <b>Class</b>                               |        |        |         |         |         |
|                 |                    |  |        |        |         |         |         |
| 2.6.1           | 50mm               | Class4                                     | Class6 | Class9 | Class12 | Class16 | Class20 |
| 2.6.2           | 63mm               | Class4                                     | Class6 | Class9 | Class12 | Class16 | Class20 |
| 2.6.3           | 75mm               | Class4                                     | Class6 | Class9 | Class12 | Class16 | Class20 |
| 2.6.4           | 90mm               | Class4                                     | Class6 | Class9 | Class12 | Class16 | Class20 |
| 2.6.5           | 110mm              | Class4                                     | Class6 | Class9 | Class12 | Class16 | Class20 |
| 2.6.6           | 125mm              | Class4                                     | Class6 | Class9 | Class12 | Class16 | Class20 |
| 2.6.7           | 140mm              | Class4                                     | Class6 | Class9 | Class12 | Class16 | Class20 |
| 2.6.8           | 160mm              | Class4                                     | Class6 | Class9 | Class12 | Class16 | Class20 |
| 2.6.9           | 200mm              | Class4                                     | Class6 | Class9 | Class12 | Class16 | Class20 |
| 2.6.10          | 250mm              | Class4                                     | Class6 | Class9 | Class12 | Class16 | Class20 |
| 2.6.11          | 315mm              | Class4                                     | Class6 | Class9 | Class12 | Class16 | Class20 |
| 2.6.12          | 355mm              | Class4                                     | Class6 | Class9 | Class12 | Class16 | Class20 |
| 2.6.13          | 400mm              | Class4                                     | Class6 | Class9 | Class12 | Class16 | Class20 |
| 2.6.14          | 450mm              | Class4                                     | Class6 | Class9 | Class12 | Class16 | Class20 |
| 2.6.15          | 500mm              | Class4                                     | Class6 | Class9 | Class12 | Class16 | Class20 |

|        |       |        |        |        |         |         |         |
|--------|-------|--------|--------|--------|---------|---------|---------|
| 2.6.16 | 560mm | Class4 | Class6 | Class9 | Class12 | Class16 | Class20 |
| 2.6.17 | 630mm | Class4 | Class6 | Class9 | Class12 | Class16 | Class20 |
|        |       |        |        |        |         |         |         |

| 3. POLY VINYL CHLORIDE MOLECULAR ORIENTED (PVC-O) SPIGOT AND SOCKET PIPES IN 5.95M LENGTHS |             |        |      |      |      |  |
|--|-------------|--------|------|------|------|--|
| MOPANI DISTRICT MUNICIPALITY   |             |        |      |      |      |  |
| 3.1 TZANEEN DAM, BABANANA WATER PROJECT AND GIYANI WATER SERVICES PROJECT                  |             |        |      |      |      |  |
| Item No.   | Description | Class  |      |      |      |  |
|  |             |        |      |      |      |  |
| 3.1.1  | 90mm        | PN12.5 | PN16 | PN20 | PN25 |  |
| 3.1.2  | 110mm       | PN12.5 | PN16 | PN20 | PN25 |  |
| 3.1.3  | 125mm       | PN12.5 | PN16 | PN20 | PN25 |  |
| 3.1.4  | 140mm       | PN12.5 | PN16 | PN20 | PN25 |  |
| 3.1.5  | 160mm       | PN12.5 | PN16 | PN20 | PN25 |  |
| 3.1.6  | 200mm       | PN12.5 | PN16 | PN20 | PN25 |  |
| 3.1.7  | 225mm       | PN12.5 | PN16 | PN20 | PN25 |  |
| 3.1.8  | 250mm       | PN12.5 | PN16 | PN20 | PN25 |  |
| 3.1.9  | 315mm       | PN12.5 | PN16 | PN20 | PN25 |  |
| 3.1.10   | 355mm       | PN12.5 | PN16 | PN20 | PN25 |  |
| 3.1.11   | 400mm       | PN12.5 | PN16 | PN20 | PN25 |  |
| 3.1.12   | 450mm       | PN12.5 | PN16 | PN20 | PN25 |  |
| 3.1.13   | 500mm       | PN12.5 | PN16 | PN20 | PN25 |  |

|        |       |        |      |      |      |
|--------|-------|--------|------|------|------|
| 3.1.14 | 560mm | PN12.5 | PN16 | PN20 | PN25 |
| 3.1.15 | 630mm | PN12.5 | PN16 | PN20 | PN25 |
| 3.1.16 | 710mm | PN12.5 | PN16 | PN20 | PN25 |
| 3.1.17 | 800mm | PN12.5 | PN16 | PN20 | PN25 |

| <b>3.2 NANDONI DAM REMEDIAL ACTION, MAKHADO BULK WATER SUPPLY AND NZHELELE CANAL REHABILITATION PROJECT</b> |                    |              |      |      |      |
|---|--------------------|--------------|------|------|------|
| <b>Item No.</b>   | <b>Description</b> | <b>Class</b> |      |      |      |
|   |                    |              |      |      |      |
| 3.2.1   | 90mm               | PN12.5       | PN16 | PN20 | PN25 |
| 3.2.2   | 110mm              | PN12.5       | PN16 | PN20 | PN25 |
| 3.2.3   | 125mm              | PN12.5       | PN16 | PN20 | PN25 |
| 3.2.4   | 140mm              | PN12.5       | PN16 | PN20 | PN25 |
| 3.2.5   | 160mm              | PN12.5       | PN16 | PN20 | PN25 |
| 3.2.6   | 200mm              | PN12.5       | PN16 | PN20 | PN25 |
| 3.2.7   | 225mm              | PN12.5       | PN16 | PN20 | PN25 |
| 3.2.8   | 250mm              | PN12.5       | PN16 | PN20 | PN25 |
| 3.2.9   | 315mm              | PN12.5       | PN16 | PN20 | PN25 |
| 3.2.10  | 355mm              | PN12.5       | PN16 | PN20 | PN25 |
| 3.2.11  | 400mm              | PN12.5       | PN16 | PN20 | PN25 |
| 3.2.12  | 450mm              | PN12.5       | PN16 | PN20 | PN25 |
| 3.2.13  | 500mm              | PN12.5       | PN16 | PN20 | PN25 |
| 3.2.14  | 560mm              | PN12.5       | PN16 | PN20 | PN25 |

|        |       |        |      |      |      |
|--------|-------|--------|------|------|------|
| 3.2.15 | 630mm | PN12.5 | PN16 | PN20 | PN25 |
| 3.2.16 | 710mm | PN12.5 | PN16 | PN20 | PN25 |
| 3.2.17 | 800mm | PN12.5 | PN16 | PN20 | PN25 |

| 3.3 CAPRICORN DISTRICT MUNICIPALITY |             |        |      |      |      |
|-------------------------------------|-------------|--------|------|------|------|
| Item No.                            | Description | Class  |      |      |      |
|                                     |             |        |      |      |      |
| 3.3.1                               | 90mm        | PN12.5 | PN16 | PN20 | PN25 |
| 3.3.2                               | 110mm       | PN12.5 | PN16 | PN20 | PN25 |
| 3.3.3                               | 125mm       | PN12.5 | PN16 | PN20 | PN25 |
| 3.3.4                               | 140mm       | PN12.5 | PN16 | PN20 | PN25 |
| 3.3.5                               | 160mm       | PN12.5 | PN16 | PN20 | PN25 |
| 3.3.6                               | 200mm       | PN12.5 | PN16 | PN20 | PN25 |
| 3.3.7                               | 225mm       | PN12.5 | PN16 | PN20 | PN25 |
| 3.3.8                               | 250mm       | PN12.5 | PN16 | PN20 | PN25 |
| 3.3.9                               | 315mm       | PN12.5 | PN16 | PN20 | PN25 |
| 3.3.10                              | 355mm       | PN12.5 | PN16 | PN20 | PN25 |
| 3.3.11                              | 400mm       | PN12.5 | PN16 | PN20 | PN25 |
| 3.3.12                              | 450mm       | PN12.5 | PN16 | PN20 | PN25 |
| 3.3.13                              | 500mm       | PN12.5 | PN16 | PN20 | PN25 |

|        |       |        |      |      |      |
|--------|-------|--------|------|------|------|
| 3.3.14 | 560mm | PN12.5 | PN16 | PN20 | PN25 |
| 3.3.15 | 630mm | PN12.5 | PN16 | PN20 | PN25 |
| 3.3.16 | 710mm | PN12.5 | PN16 | PN20 | PN25 |
| 3.3.17 | 800mm | PN12.5 | PN16 | PN20 | PN25 |

| 3.4 SEKHUKHUNE DISTRICT MUNICIPALITY |             |        |      |      |      |
|--------------------------------------|-------------|--------|------|------|------|
| Item No.                             | Description | Class  |      |      |      |
|                                      |             |        |      |      |      |
| 3.4.1                                | 90mm        | PN12.5 | PN16 | PN20 | PN25 |
| 3.4.2                                | 110mm       | PN12.5 | PN16 | PN20 | PN25 |
| 3.4.3                                | 125mm       | PN12.5 | PN16 | PN20 | PN25 |
| 3.4.4                                | 140mm       | PN12.5 | PN16 | PN20 | PN25 |
| 3.4.5                                | 160mm       | PN12.5 | PN16 | PN20 | PN25 |
| 3.4.6                                | 200mm       | PN12.5 | PN16 | PN20 | PN25 |
| 3.4.7                                | 225mm       | PN12.5 | PN16 | PN20 | PN25 |
| 3.4.8                                | 250mm       | PN12.5 | PN16 | PN20 | PN25 |
| 3.4.9                                | 315mm       | PN12.5 | PN16 | PN20 | PN25 |
| 3.4.10                               | 355mm       | PN12.5 | PN16 | PN20 | PN25 |
| 3.4.11                               | 400mm       | PN12.5 | PN16 | PN20 | PN25 |
| 3.4.12                               | 450mm       | PN12.5 | PN16 | PN20 | PN25 |

|        |       |        |      |      |      |
|--------|-------|--------|------|------|------|
| 3.4.13 | 500mm | PN12.5 | PN16 | PN20 | PN25 |
| 3.4.14 | 560mm | PN12.5 | PN16 | PN20 | PN25 |
| 3.4.15 | 630mm | PN12.5 | PN16 | PN20 | PN25 |
| 3.5.16 | 710mm | PN12.5 | PN16 | PN20 | PN25 |
| 3.5.17 | 800mm | PN12.5 | PN16 | PN20 | PN25 |

|          | 3.5 WATERBERG DISTRICT MUNICIPALITY |        |      |      |      |
|----------|-------------------------------------|--------|------|------|------|
| Item No. | Description                         | Class  |      |      |      |
|          |                                     |        |      |      |      |
| 3.5.1    | 90mm                                | PN12.5 | PN16 | PN20 | PN25 |
| 3.5.2    | 110mm                               | PN12.5 | PN16 | PN20 | PN25 |
| 3.5.3    | 125mm                               | PN12.5 | PN16 | PN20 | PN25 |
| 3.5.4    | 140mm                               | PN12.5 | PN16 | PN20 | PN25 |
| 3.5.5    | 160mm                               | PN12.5 | PN16 | PN20 | PN25 |
| 3.5.6    | 200mm                               | PN12.5 | PN16 | PN20 | PN25 |
| 3.5.7    | 225mm                               | PN12.5 | PN16 | PN20 | PN25 |
| 3.5.8    | 250mm                               | PN12.5 | PN16 | PN20 | PN25 |
| 3.5.9    | 315mm                               | PN12.5 | PN16 | PN20 | PN25 |
| 3.5.10   | 355mm                               | PN12.5 | PN16 | PN20 | PN25 |
| 3.5.11   | 400mm                               | PN12.5 | PN16 | PN20 | PN25 |

|        |       |        |      |      |      |
|--------|-------|--------|------|------|------|
| 3.5.12 | 450mm | PN12.5 | PN16 | PN20 | PN25 |
| 3.5.13 | 500mm | PN12.5 | PN16 | PN20 | PN25 |
| 3.5.14 | 560mm | PN12.5 | PN16 | PN20 | PN25 |
| 3.5.15 | 630mm | PN12.5 | PN16 | PN20 | PN25 |
| 3.5.16 | 710mm | PN12.5 | PN16 | PN20 | PN25 |
| 3.5.17 | 800mm | PN12.5 | PN16 | PN20 | PN25 |

| 4. UNPLASTICISED POLY VINLY CHLORIDE (PVC-U) PRESSURE BENDS               |        |      |      |      |      |       |       |       |       |       |       |       |       |       |       |
|---|--------|------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| MOPANI DISTRICT MUNICIPALITY  |        |      |      |      |      |       |       |       |       |       |       |       |       |       |       |
| 4.1 TZANEEN DAM, BABANANA WATER PROJECT AND GIYANI WATER SERVICES PROJECT |        |      |      |      |      |       |       |       |       |       |       |       |       |       |       |
|   |        |      |      |      |      |       |       |       |       |       |       |       |       |       |       |
| Class4  | 11.25° | 50mm | 63mm | 75mm | 90mm | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm | 450mm | 500mm |
|   | 22.5°  | 50mm | 63mm | 75mm | 90mm | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm | 450mm | 500mm |
|   | 45°    | 50mm | 63mm | 75mm | 90mm | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm | 450mm | 500mm |
|   | 90°    | 50mm | 63mm | 75mm | 90mm | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm | 450mm | 500mm |
| Class6  | 11.25° | 50mm | 63mm | 75mm | 90mm | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm | 450mm | 500mm |
|   | 22.5°  | 50mm | 63mm | 75mm | 90mm | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm | 450mm | 500mm |
|   | 45°    | 50mm | 63mm | 75mm | 90mm | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm | 450mm | 500mm |
|   | 90°    | 50mm | 63mm | 75mm | 90mm | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm | 450mm | 500mm |
| Class9  | 11.25° | 50mm | 63mm | 75mm | 90mm | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm | 450mm | 500mm |
|   | 22.5°  | 50mm | 63mm | 75mm | 90mm | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm | 450mm | 500mm |
|   | 45°    | 50mm | 63mm | 75mm | 90mm | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm | 450mm | 500mm |
|   | 90°    | 50mm | 63mm | 75mm | 90mm | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm | 450mm | 500mm |
| Class12   | 11.25° | 50mm | 63mm | 75mm | 90mm | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm | 450mm | 500mm |
|   | 22.5°  | 50mm | 63mm | 75mm | 90mm | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm | 450mm | 500mm |
|   | 45°    | 50mm | 63mm | 75mm | 90mm | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm | 450mm | 500mm |
|   | 90°    | 50mm | 63mm | 75mm | 90mm | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm | 450mm | 500mm |



|         |               |   |      |      |      |       |       |       |       |       |       |       |       |       |       |
|---------|---------------|---|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|         |               |   |      |      |      |       |       |       |       |       |       |       |       |       |       |
| Class16 | <b>11.25°</b> | 50mm  | 63mm | 75mm | 90mm | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm | 450mm | 500mm |
|         | <b>22.5°</b>  | 50mm  | 63mm | 75mm | 90mm | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm | 450mm | 500mm |
|         | <b>45°</b>    | 50mm  | 63mm | 75mm | 90mm | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm | 450mm | 500mm |
|         | <b>90°</b>    | 50mm  | 63mm | 75mm | 90mm | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm | 450mm | 500mm |
|         |               |   |      |      |      |       |       |       |       |       |       |       |       |       |       |
| Class20 | <b>11.25°</b> | 50mm  | 63mm | 75mm | 90mm | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm | 450mm | 500mm |
|         | <b>22.5°</b>  | 50mm  | 63mm | 75mm | 90mm | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm | 450mm | 500mm |
|         | <b>45°</b>    | 50mm  | 63mm | 75mm | 90mm | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm | 450mm | 500mm |
|         | <b>90°</b>    | 50mm  | 63mm | 75mm | 90mm | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm | 450mm | 500mm |
|         |               |   |      |      |      |       |       |       |       |       |       |       |       |       |       |
|         |               | <b>VHEMBE DISTRICT MUNICIPALITY</b>   |      |      |      |       |       |       |       |       |       |       |       |       |       |
|         |               | <b>4.2 NANDONI DAM REMEDIAL ACTION, MAKHADO BULK WATER SUPPLY AND NZHELELE CANAL REHABILITATION PROJECT</b> |      |      |      |       |       |       |       |       |       |       |       |       |       |
|         |               |   |      |      |      |       |       |       |       |       |       |       |       |       |       |
|         |               |   |      |      |      |       |       |       |       |       |       |       |       |       |       |
| Class4  | <b>11.25°</b> | 50mm  | 63mm | 75mm | 90mm | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm | 450mm | 500mm |
|         | <b>22.5°</b>  | 50mm  | 63mm | 75mm | 90mm | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm | 450mm | 500mm |
|         | <b>45°</b>    | 50mm  | 63mm | 75mm | 90mm | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm | 450mm | 500mm |
|         | <b>90°</b>    | 50mm  | 63mm | 75mm | 90mm | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm | 450mm | 500mm |
|         |               |   |      |      |      |       |       |       |       |       |       |       |       |       |       |
| Class6  | <b>11.25°</b> | 50mm  | 63mm | 75mm | 90mm | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm | 450mm | 500mm |
|         | <b>22.5°</b>  | 50mm  | 63mm | 75mm | 90mm | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm | 450mm | 500mm |
|         | <b>45°</b>    | 50mm  | 63mm | 75mm | 90mm | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm | 450mm | 500mm |
|         | <b>90°</b>    | 50mm  | 63mm | 75mm | 90mm | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm | 450mm | 500mm |
|         |               |   |      |      |      |       |       |       |       |       |       |       |       |       |       |
| Class9  | <b>11.25°</b> | 50mm  | 63mm | 75mm | 90mm | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm | 450mm | 500mm |
|         | <b>22.5°</b>  | 50mm  | 63mm | 75mm | 90mm | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm | 450mm | 500mm |
|         | <b>45°</b>    | 50mm  | 63mm | 75mm | 90mm | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm | 450mm | 500mm |
|         | <b>90°</b>    | 50mm  | 63mm | 75mm | 90mm | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm | 450mm | 500mm |
|         |               |   |      |      |      |       |       |       |       |       |       |       |       |       |       |
| Class12 | <b>11.25°</b> | 50mm  | 63mm | 75mm | 90mm | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm | 450mm | 500mm |
|         | <b>22.5°</b>  | 50mm  | 63mm | 75mm | 90mm | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm | 450mm | 500mm |
|         | <b>45°</b>    | 50mm  | 63mm | 75mm | 90mm | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm | 450mm | 500mm |







|         |               |      |      |      |      |       |       |       |       |       |       |       |       |       |       |
|---------|---------------|------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Class16 | <b>11.25°</b> | 50mm | 63mm | 75mm | 90mm | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm | 450mm | 500mm |
|         | <b>22.5°</b>  | 50mm | 63mm | 75mm | 90mm | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm | 450mm | 500mm |
|         | <b>45°</b>    | 50mm | 63mm | 75mm | 90mm | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm | 450mm | 500mm |
|         | <b>90°</b>    | 50mm | 63mm | 75mm | 90mm | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm | 450mm | 500mm |
|         |               |      |      |      |      |       |       |       |       |       |       |       |       |       |       |
| Class20 | <b>11.25°</b> | 50mm | 63mm | 75mm | 90mm | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm | 450mm | 500mm |
|         | <b>22.5°</b>  | 50mm | 63mm | 75mm | 90mm | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm | 450mm | 500mm |
|         | <b>45°</b>    | 50mm | 63mm | 75mm | 90mm | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm | 450mm | 500mm |
|         | <b>90°</b>    | 50mm | 63mm | 75mm | 90mm | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm | 450mm | 500mm |

| <b>5. MODIFIED POLY VINYL CHLORIDE (PCV-M) PRESSURE BENDS</b>                    |               |      |      |      |      |       |       |       |       |       |       |       |       |       |       |
|--|---------------|------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| <b>MOPANI DISTRICT MUNICIPALITY</b>  |               |      |      |      |      |       |       |       |       |       |       |       |       |       |       |
| <b>5.1 TZANEEN DAM, BABANANA WATER PROJECT AND GIYANI WATER SERVICES PROJECT</b> |               |      |      |      |      |       |       |       |       |       |       |       |       |       |       |
|  |               |      |      |      |      |       |       |       |       |       |       |       |       |       |       |
| Class6   | <b>11.25°</b> | 50mm | 63mm | 75mm | 90mm | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm | 450mm | 500mm |
|  | <b>22.5°</b>  | 50mm | 63mm | 75mm | 90mm | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm | 450mm | 500mm |
|  | <b>45°</b>    | 50mm | 63mm | 75mm | 90mm | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm | 450mm | 500mm |
|  | <b>90°</b>    | 50mm | 63mm | 75mm | 90mm | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm | 450mm | 500mm |
|  |               |      |      |      |      |       |       |       |       |       |       |       |       |       |       |
| Class9   | <b>11.25°</b> | 50mm | 63mm | 75mm | 90mm | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm | 450mm | 500mm |
|  | <b>22.5°</b>  | 50mm | 63mm | 75mm | 90mm | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm | 450mm | 500mm |
|  | <b>45°</b>    | 50mm | 63mm | 75mm | 90mm | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm | 450mm | 500mm |
|  | <b>90°</b>    | 50mm | 63mm | 75mm | 90mm | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm | 450mm | 500mm |
|  |               |      |      |      |      |       |       |       |       |       |       |       |       |       |       |
| Class12  | <b>11.25°</b> | 50mm | 63mm | 75mm | 90mm | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm | 450mm | 500mm |
|  | <b>22.5°</b>  | 50mm | 63mm | 75mm | 90mm | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm | 450mm | 500mm |
|  | <b>45°</b>    | 50mm | 63mm | 75mm | 90mm | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm | 450mm | 500mm |
|  | <b>90°</b>    | 50mm | 63mm | 75mm | 90mm | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm | 450mm | 500mm |
|  |               |      |      |      |      |       |       |       |       |       |       |       |       |       |       |
| Class16  | <b>11.25°</b> | 50mm | 63mm | 75mm | 90mm | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm | 450mm | 500mm |
|  | <b>22.5°</b>  | 50mm | 63mm | 75mm | 90mm | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm | 450mm | 500mm |
|  | <b>45°</b>    | 50mm | 63mm | 75mm | 90mm | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm | 450mm | 500mm |

|         |               |      |      |      |      |       |       |       |       |       |       |       |       |       |       |
|---------|---------------|------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|         | <b>90°</b>    | 50mm | 63mm | 75mm | 90mm | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm | 450mm | 500mm |
|         |               |      |      |      |      |       |       |       |       |       |       |       |       |       |       |
| Class20 | <b>11.25°</b> | 50mm | 63mm | 75mm | 90mm | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm | 450mm | 500mm |
|         | <b>22.5°</b>  | 50mm | 63mm | 75mm | 90mm | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm | 450mm | 500mm |
|         | <b>45°</b>    | 50mm | 63mm | 75mm | 90mm | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm | 450mm | 500mm |
|         | <b>90°</b>    | 50mm | 63mm | 75mm | 90mm | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm | 450mm | 500mm |
|         |               |      |      |      |      |       |       |       |       |       |       |       |       |       |       |
| Class25 | <b>11.25°</b> | 50mm | 63mm | 75mm | 90mm | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm | 450mm | 500mm |
|         | <b>22.5°</b>  | 50mm | 63mm | 75mm | 90mm | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm | 450mm | 500mm |
|         | <b>45°</b>    | 50mm | 63mm | 75mm | 90mm | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm | 450mm | 500mm |
|         | <b>90°</b>    | 50mm | 63mm | 75mm | 90mm | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm | 450mm | 500mm |

| VHEMBE DISTRICT MUNICIPALITY |               |   |      |      |      |       |       |       |       |       |       |       |       |       |       |
|------------------------------|---------------|---|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|                              |               | <b>5.2 NANDONI DAM REMEDIAL ACTION, MAKHADO BULK WATER SUPPLY AND NZHELELE CANAL REHABILITATION PROJECT</b> |      |      |      |       |       |       |       |       |       |       |       |       |       |
|                              |               |   |      |      |      |       |       |       |       |       |       |       |       |       |       |
| Class6                       | <b>11.25°</b> | 50mm  | 63mm | 75mm | 90mm | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm | 450mm | 500mm |
|                              | <b>22.5°</b>  | 50mm  | 63mm | 75mm | 90mm | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm | 450mm | 500mm |
|                              | <b>45°</b>    | 50mm  | 63mm | 75mm | 90mm | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm | 450mm | 500mm |
|                              | <b>90°</b>    | 50mm  | 63mm | 75mm | 90mm | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm | 450mm | 500mm |
|                              |               |   |      |      |      |       |       |       |       |       |       |       |       |       |       |
| Class9                       | <b>11.25°</b> | 50mm  | 63mm | 75mm | 90mm | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm | 450mm | 500mm |
|                              | <b>22.5°</b>  | 50mm  | 63mm | 75mm | 90mm | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm | 450mm | 500mm |
|                              | <b>45°</b>    | 50mm  | 63mm | 75mm | 90mm | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm | 450mm | 500mm |
|                              | <b>90°</b>    | 50mm  | 63mm | 75mm | 90mm | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm | 450mm | 500mm |
|                              |               |   |      |      |      |       |       |       |       |       |       |       |       |       |       |
| Class12                      | <b>11.25°</b> | 50mm  | 63mm | 75mm | 90mm | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm | 450mm | 500mm |
|                              | <b>22.5°</b>  | 50mm  | 63mm | 75mm | 90mm | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm | 450mm | 500mm |
|                              | <b>45°</b>    | 50mm  | 63mm | 75mm | 90mm | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm | 450mm | 500mm |
|                              | <b>90°</b>    | 50mm  | 63mm | 75mm | 90mm | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm | 450mm | 500mm |
|                              |               |   |      |      |      |       |       |       |       |       |       |       |       |       |       |
| Class16                      | <b>11.25°</b> | 50mm  | 63mm | 75mm | 90mm | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm | 450mm | 500mm |
|                              | <b>22.5°</b>  | 50mm  | 63mm | 75mm | 90mm | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm | 450mm | 500mm |
|                              | <b>45°</b>    | 50mm  | 63mm | 75mm | 90mm | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm | 450mm | 500mm |









|         |               |      |      |      |      |       |       |       |       |       |       |       |       |       |       |
|---------|---------------|------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Class20 | <b>11.25°</b> | 50mm | 63mm | 75mm | 90mm | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm | 450mm | 500mm |
|         | <b>22.5°</b>  | 50mm | 63mm | 75mm | 90mm | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm | 450mm | 500mm |
|         | <b>45°</b>    | 50mm | 63mm | 75mm | 90mm | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm | 450mm | 500mm |
|         | <b>90°</b>    | 50mm | 63mm | 75mm | 90mm | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm | 450mm | 500mm |
|         |               |      |      |      |      |       |       |       |       |       |       |       |       |       |       |
| Class25 | <b>11.25°</b> | 50mm | 63mm | 75mm | 90mm | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm | 450mm | 500mm |
|         | <b>22.5°</b>  | 50mm | 63mm | 75mm | 90mm | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm | 450mm | 500mm |
|         | <b>45°</b>    | 50mm | 63mm | 75mm | 90mm | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm | 450mm | 500mm |
|         | <b>90°</b>    | 50mm | 63mm | 75mm | 90mm | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm | 450mm | 500mm |

| <b>6. POLY VINLY CHLORIDE MOLECOR ORIENTED (PVC-O) PRESSURE BENDS</b>            |               |      |       |       |       |       |       |       |       |       |  |
|--|---------------|------|-------|-------|-------|-------|-------|-------|-------|-------|--|
| <b>MOPANI DISTRICT MUNICIPALITY</b>  |               |      |       |       |       |       |       |       |       |       |  |
| <b>6.1 TZANEEN DAM, BABANANA WATER PROJECT AND GIYANI WATER SERVICES PROJECT</b> |               |      |       |       |       |       |       |       |       |       |  |
| PN12.5   | <b>11.25°</b> | 90mm | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm |  |
|  | <b>22.5°</b>  | 90mm | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm |  |
|  | <b>45°</b>    | 90mm | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm |  |
|  | <b>90°</b>    | 90mm | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm |  |
|  |               |      |       |       |       |       |       |       |       |       |  |
| PN16   | <b>11.25°</b> | 90mm | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm |  |
|  | <b>22.5°</b>  | 90mm | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm |  |
|  | <b>45°</b>    | 90mm | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm |  |
|  | <b>90°</b>    | 90mm | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm |  |
|  |               |      |       |       |       |       |       |       |       |       |  |
| PN20   | <b>11.25°</b> | 90mm | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm |  |
|  | <b>22.5°</b>  | 90mm | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm |  |
|  | <b>45°</b>    | 90mm | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm |  |

|      |               |      |       |       |       |       |       |       |       |       |
|------|---------------|------|-------|-------|-------|-------|-------|-------|-------|-------|
|      | <b>90°</b>    | 90mm | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm |
|      |               |      |       |       |       |       |       |       |       |       |
| PN25 | <b>11.25°</b> | 90mm | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm |
|      | <b>22.5°</b>  | 90mm | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm |
|      | <b>45°</b>    | 90mm | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm |
|      | <b>90°</b>    | 90mm | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm |
|      |               |      |       |       |       |       |       |       |       |       |

| VHEMBE DISTRICT MUNICIPALITY |               |   |       |       |       |       |       |       |       |       |
|------------------------------|---------------|---|-------|-------|-------|-------|-------|-------|-------|-------|
|                              |               | <b>6.2 NANDONI DAM REMEDIAL ACTION, MAKHADO BULK WATER SUPPLY AND NZHELELE CANAL REHABILITATION PROJECT</b> |       |       |       |       |       |       |       |       |
|                              |               |   |       |       |       |       |       |       |       |       |
| PN12.5                       | <b>11.25°</b> | 90mm  | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm |
|                              | <b>22.5°</b>  | 90mm  | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm |
|                              | <b>45°</b>    | 90mm  | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm |
|                              | <b>90°</b>    | 90mm  | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm |
|                              |               |   |       |       |       |       |       |       |       |       |
| PN16                         | <b>11.25°</b> | 90mm  | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm |
|                              | <b>22.5°</b>  | 90mm  | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm |
|                              | <b>45°</b>    | 90mm  | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm |
|                              | <b>90°</b>    | 90mm  | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm |
|                              |               |   |       |       |       |       |       |       |       |       |
| PN20                         | <b>11.25°</b> | 90mm  | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm |

|      |               |      |       |       |       |       |       |       |       |       |
|------|---------------|------|-------|-------|-------|-------|-------|-------|-------|-------|
|      | <b>22.5°</b>  | 90mm | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm |
|      | <b>45°</b>    | 90mm | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm |
|      | <b>90°</b>    | 90mm | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm |
|      |               |      |       |       |       |       |       |       |       |       |
| PN25 | <b>11.25°</b> | 90mm | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm |
|      | <b>22.5°</b>  | 90mm | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm |
|      | <b>45°</b>    | 90mm | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm |
|      | <b>90°</b>    | 90mm | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm |
|      |               |      |       |       |       |       |       |       |       |       |

| 6.3 CAPRICORN DISTRICT MUNICIPALITY |               |      |       |       |       |       |       |       |       |       |
|-------------------------------------|---------------|------|-------|-------|-------|-------|-------|-------|-------|-------|
|                                     |               |      |       |       |       |       |       |       |       |       |
| PN12.5                              | <b>11.25°</b> | 90mm | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm |
|                                     | <b>22.5°</b>  | 90mm | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm |
|                                     | <b>45°</b>    | 90mm | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm |
|                                     | <b>90°</b>    | 90mm | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm |
|                                     |               |      |       |       |       |       |       |       |       |       |
| PN16                                | <b>11.25°</b> | 90mm | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm |
|                                     | <b>22.5°</b>  | 90mm | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm |
|                                     | <b>45°</b>    | 90mm | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm |
|                                     | <b>90°</b>    | 90mm | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm |
|                                     |               |      |       |       |       |       |       |       |       |       |
| PN20                                | <b>11.25°</b> | 90mm | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm |

|      |               |      |       |       |       |       |       |       |       |       |
|------|---------------|------|-------|-------|-------|-------|-------|-------|-------|-------|
|      | <b>22.5°</b>  | 90mm | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm |
|      | <b>45°</b>    | 90mm | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm |
|      | <b>90°</b>    | 90mm | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm |
|      |               |      |       |       |       |       |       |       |       |       |
| PN25 | <b>11.25°</b> | 90mm | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm |
|      | <b>22.5°</b>  | 90mm | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm |
|      | <b>45°</b>    | 90mm | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm |
|      | <b>90°</b>    | 90mm | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm |
|      |               |      |       |       |       |       |       |       |       |       |

| 6.4 SEKHUKHUNE DISTRICT MUNICIPALITY |               |      |       |       |       |       |       |       |       |       |
|--------------------------------------|---------------|------|-------|-------|-------|-------|-------|-------|-------|-------|
|                                      |               |      |       |       |       |       |       |       |       |       |
| PN12.5                               | <b>11.25°</b> | 90mm | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm |
|                                      | <b>22.5°</b>  | 90mm | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm |
|                                      | <b>45°</b>    | 90mm | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm |
|                                      | <b>90°</b>    | 90mm | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm |
|                                      |               |      |       |       |       |       |       |       |       |       |
| PN16                                 | <b>11.25°</b> | 90mm | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm |
|                                      | <b>22.5°</b>  | 90mm | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm |
|                                      | <b>45°</b>    | 90mm | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm |
|                                      | <b>90°</b>    | 90mm | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm |
|                                      |               |      |       |       |       |       |       |       |       |       |
| PN20                                 | <b>11.25°</b> | 90mm | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm |
|                                      | <b>22.5°</b>  | 90mm | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm |

|      |               |      |       |       |       |       |       |       |       |       |
|------|---------------|------|-------|-------|-------|-------|-------|-------|-------|-------|
|      | <b>45°</b>    | 90mm | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm |
|      | <b>90°</b>    | 90mm | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm |
|      |               |      |       |       |       |       |       |       |       |       |
| PN25 | <b>11.25°</b> | 90mm | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm |
|      | <b>22.5°</b>  | 90mm | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm |
|      | <b>45°</b>    | 90mm | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm |
|      | <b>90°</b>    | 90mm | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm |
|      |               |      |       |       |       |       |       |       |       |       |

| 6.5 WATERBERG DISTRICT MUNICIPALITY |               |      |       |       |       |       |       |       |       |       |
|-------------------------------------|---------------|------|-------|-------|-------|-------|-------|-------|-------|-------|
|                                     |               |      |       |       |       |       |       |       |       |       |
| PN12.5                              | <b>11.25°</b> | 90mm | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm |
|                                     | <b>22.5°</b>  | 90mm | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm |
|                                     | <b>45°</b>    | 90mm | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm |
|                                     | <b>90°</b>    | 90mm | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm |
|                                     |               |      |       |       |       |       |       |       |       |       |
| PN16                                | <b>11.25°</b> | 90mm | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm |
|                                     | <b>22.5°</b>  | 90mm | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm |
|                                     | <b>45°</b>    | 90mm | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm |
|                                     | <b>90°</b>    | 90mm | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm |
|                                     |               |      |       |       |       |       |       |       |       |       |
| PN20                                | <b>11.25°</b> | 90mm | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm |
|                                     | <b>22.5°</b>  | 90mm | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm |

|      |               |      |       |       |       |       |       |       |       |       |
|------|---------------|------|-------|-------|-------|-------|-------|-------|-------|-------|
|      | <b>45°</b>    | 90mm | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm |
|      | <b>90°</b>    | 90mm | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm |
|      |               |      |       |       |       |       |       |       |       |       |
| PN25 | <b>11.25°</b> | 90mm | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm |
|      | <b>22.5°</b>  | 90mm | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm |
|      | <b>45°</b>    | 90mm | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm |
|      | <b>90°</b>    | 90mm | 110mm | 140mm | 160mm | 200mm | 250mm | 315mm | 355mm | 400mm |
|      |               |      |       |       |       |       |       |       |       |       |

| 7. PVC FITTINGS                       |             |             |                        |                              |
|---------------------------------------|-------------|-------------|------------------------|------------------------------|
| 7.1 DOUBLE SOCKETED COUPLING – CLASS9 |             |             |                        |                              |
| MOPANI DISTRICT MUNICIPALITY          |             |             |                        |                              |
|                                       |             |             |                        |                              |
| Item No.                              | Description | Project     | Project                | Project                      |
|                                       |             |             |                        |                              |
| 7.1.1                                 | 50mm        | Tzaneen Dam | Babanana Water Project | Giyani Water Service Project |
| 7.1.2                                 | 63mm        | Tzaneen Dam | Babanana Water Project | Giyani Water Service Project |
| 7.1.3                                 | 75mm        | Tzaneen Dam | Babanana Water Project | Giyani Water Service Project |
| 7.1.4                                 | 90mm        | Tzaneen Dam | Babanana Water Project | Giyani Water Service Project |
| 7.1.5                                 | 110mm       | Tzaneen Dam | Babanana Water Project | Giyani Water Service Project |

|        |       |             |                        |                              |
|--------|-------|-------------|------------------------|------------------------------|
| 7.1.6  | 125mm | Tzaneen Dam | Babanana Water Project | Giyani Water Service Project |
| 7.1.7  | 140mm | Tzaneen Dam | Babanana Water Project | Giyani Water Service Project |
| 7.1.8  | 160mm | Tzaneen Dam | Babanana Water Project | Giyani Water Service Project |
| 7.1.9  | 200mm | Tzaneen Dam | Babanana Water Project | Giyani Water Service Project |
| 7.1.10 | 250mm | Tzaneen Dam | Babanana Water Project | Giyani Water Service Project |
| 7.1.11 | 315mm | Tzaneen Dam | Babanana Water Project | Giyani Water Service Project |
| 7.1.12 | 355mm | Tzaneen Dam | Babanana Water Project | Giyani Water Service Project |
| 7.1.13 | 400mm | Tzaneen Dam | Babanana Water Project | Giyani Water Service Project |

| DOUBLE SOCKETED COUPLING – CLASS9 |             |                                     |                                    |                                       |
|-----------------------------------|-------------|-------------------------------------|------------------------------------|---------------------------------------|
| VHEMBE DISTRICT MUNICIPALITY      |             |                                     |                                    |                                       |
| Item No.                          | Description | Project                             | Project                            | Project                               |
| 7.1.14                            | 50mm        | Nandoni Dam Remedial Action Project | Makahado Bulk Water Supply Project | Nzhelele Canal Rehabilitation Project |
| 7.1.15                            | 63mm        | Nandoni Dam Remedial Action Project | Makahado Bulk Water Supply Project | Nzhelele Canal Rehabilitation Project |
| 7.1.16                            | 75mm        | Nandoni Dam Remedial Action Project | Makahado Bulk Water Supply Project | Nzhelele Canal Rehabilitation Project |
| 7.1.17                            | 90mm        | Nandoni Dam Remedial Action Project | Makahado Bulk Water Supply Project | Nzhelele Canal Rehabilitation Project |
| 7.1.18                            | 110mm       | Nandoni Dam Remedial Action Project | Makahado Bulk Water Supply Project | Nzhelele Canal Rehabilitation Project |



|        |       |                                     |                                    |                                       |
|--------|-------|-------------------------------------|------------------------------------|---------------------------------------|
| 7.1.19 | 125mm | Nandoni Dam Remedial Action Project | Makahado Bulk Water Supply Project | Nzhelele Canal Rehabilitation Project |
| 7.1.20 | 140mm | Nandoni Dam Remedial Action Project | Makahado Bulk Water Supply Project | Nzhelele Canal Rehabilitation Project |
| 7.1.21 | 160mm | Nandoni Dam Remedial Action Project | Makahado Bulk Water Supply Project | Nzhelele Canal Rehabilitation Project |
| 7.1.22 | 200mm | Nandoni Dam Remedial Action Project | Makahado Bulk Water Supply Project | Nzhelele Canal Rehabilitation Project |
| 7.1.23 | 250mm | Nandoni Dam Remedial Action Project | Makahado Bulk Water Supply Project | Nzhelele Canal Rehabilitation Project |
| 7.1.24 | 315mm | Nandoni Dam Remedial Action Project | Makahado Bulk Water Supply Project | Nzhelele Canal Rehabilitation Project |
| 7.1.25 | 355mm | Nandoni Dam Remedial Action Project | Makahado Bulk Water Supply Project | Nzhelele Canal Rehabilitation Project |
| 7.1.26 | 400mm | Nandoni Dam Remedial Action Project | Makahado Bulk Water Supply Project | Nzhelele Canal Rehabilitation Project |

| DOUBLE SOCKETED COUPLING – CLASS9 |             |                                |                                  |                                 |
|-----------------------------------|-------------|--------------------------------|----------------------------------|---------------------------------|
| Item No.                          | Description | Project                        | Project                          | Project                         |
| 7.1.27                            | 50mm        | Capricon District Municipality | Sekhukhune District Municipality | Waterberg District Municipality |
| 7.1.28                            | 63mm        | Capricon District Municipality | Sekhukhune District Municipality | Waterberg District Municipality |
| 7.1.29                            | 75mm        | Capricon District Municipality | Sekhukhune District Municipality | Waterberg District Municipality |
| 7.1.30                            | 90mm        | Capricon District Municipality | Sekhukhune District Municipality | Waterberg District Municipality |
| 7.1.31                            | 110mm       | Capricon District Municipality | Sekhukhune District Municipality | Waterberg District Municipality |

|        |       |                                |                                  |                                 |
|--------|-------|--------------------------------|----------------------------------|---------------------------------|
| 7.1.32 | 125mm | Capricon District Municipality | Sekhukhune District Municipality | Waterberg District Municipality |
| 7.1.33 | 140mm | Capricon District Municipality | Sekhukhune District Municipality | Waterberg District Municipality |
| 7.1.34 | 160mm | Capricon District Municipality | Sekhukhune District Municipality | Waterberg District Municipality |
| 7.1.35 | 200mm | Capricon District Municipality | Sekhukhune District Municipality | Waterberg District Municipality |
| 7.1.36 | 250mm | Capricon District Municipality | Sekhukhune District Municipality | Waterberg District Municipality |
| 7.1.37 | 315mm | Capricon District Municipality | Sekhukhune District Municipality | Waterberg District Municipality |
| 7.1.38 | 355mm | Capricon District Municipality | Sekhukhune District Municipality | Waterberg District Municipality |
| 7.1.39 | 400mm | Capricon District Municipality | Sekhukhune District Municipality | Waterberg District Municipality |

|                 |                                     |                |                        |                              |
|-----------------|-------------------------------------|----------------|------------------------|------------------------------|
|                 |                                     |                |                        |                              |
|                 | <b>7.2 EQUAL TEES – CLASS9</b>      |                |                        |                              |
|                 | <b>MOPANI DISTRICT MUNICIPALITY</b> |                |                        |                              |
| <b>Item No.</b> | <b>Description</b>                  | <b>Project</b> | <b>Project</b>         | <b>Project</b>               |
|                 |                                     |                |                        |                              |
| 7.2.1           | 50mm                                | Tzaneen Dam    | Babanana Water Project | Giyani Water Service Project |
| 7.2.2           | 63mm                                | Tzaneen Dam    | Babanana Water Project | Giyani Water Service Project |
| 7.2.3           | 75mm                                | Tzaneen Dam    | Babanana Water Project | Giyani Water Service Project |
| 7.2.4           | 90mm                                | Tzaneen Dam    | Babanana Water Project | Giyani Water Service Project |

|  |                    |                                     |                                    |                                       |
|--|--------------------|-------------------------------------|------------------------------------|---------------------------------------|
| 7.2.5  | 110mm              | Tzaneen Dam                         | Babanana Water Project             | Giyani Water Service Project          |
| 7.2.6  | 125mm              | Tzaneen Dam                         | Babanana Water Project             | Giyani Water Service Project          |
| 7.2.7  | 140mm              | Tzaneen Dam                         | Babanana Water Project             | Giyani Water Service Project          |
| 7.2.8  | 160mm              | Tzaneen Dam                         | Babanana Water Project             | Giyani Water Service Project          |
| 7.2.9  | 200mm              | Tzaneen Dam                         | Babanana Water Project             | Giyani Water Service Project          |
| 7.2.10   | 250mm              | Tzaneen Dam                         | Babanana Water Project             | Giyani Water Service Project          |
| 7.2.11   | 315mm              | Tzaneen Dam                         | Babanana Water Project             | Giyani Water Service Project          |
| 7.2.12   | 355mm              | Tzaneen Dam                         | Babanana Water Project             | Giyani Water Service Project          |
| 7.2.13   | 400mm              | Tzaneen Dam                         | Babanana Water Project             | Giyani Water Service Project          |
| <p style="text-align: center;"><b>EQUAL TEES – CLASS9</b></p>          |                    |                                     |                                    |                                       |
| <p style="text-align: center;"><b>VHEMBE DISTRICT MUNICIPALITY</b></p> |                    |                                     |                                    |                                       |
|  |                    |                                     |                                    |                                       |
| <b>Item No.</b>  | <b>Description</b> | <b>Project</b>                      | <b>Project</b>                     | <b>Project</b>                        |
|  |                    |                                     |                                    |                                       |
| 7.2.14   | 50mm               | Nandoni Dam Remedial Action Project | Makahado Bulk Water Supply Project | Nzhelele Canal Rehabilitation Project |
| 7.2.15   | 63mm               | Nandoni Dam Remedial Action Project | Makahado Bulk Water Supply Project | Nzhelele Canal Rehabilitation Project |
| 7.2.16   | 75mm               | Nandoni Dam Remedial Action Project | Makahado Bulk Water Supply Project | Nzhelele Canal Rehabilitation Project |

|        |       |                                     |                                    |                                       |
|--------|-------|-------------------------------------|------------------------------------|---------------------------------------|
| 7.2.17 | 90mm  | Nandoni Dam Remedial Action Project | Makahado Bulk Water Supply Project | Nzhelele Canal Rehabilitation Project |
| 7.2.18 | 110mm | Nandoni Dam Remedial Action Project | Makahado Bulk Water Supply Project | Nzhelele Canal Rehabilitation Project |
| 7.2.19 | 125mm | Nandoni Dam Remedial Action Project | Makahado Bulk Water Supply Project | Nzhelele Canal Rehabilitation Project |
| 7.2.20 | 140mm | Nandoni Dam Remedial Action Project | Makahado Bulk Water Supply Project | Nzhelele Canal Rehabilitation Project |
| 7.2.21 | 160mm | Nandoni Dam Remedial Action Project | Makahado Bulk Water Supply Project | Nzhelele Canal Rehabilitation Project |
| 7.2.22 | 200mm | Nandoni Dam Remedial Action Project | Makahado Bulk Water Supply Project | Nzhelele Canal Rehabilitation Project |
| 7.2.23 | 250mm | Nandoni Dam Remedial Action Project | Makahado Bulk Water Supply Project | Nzhelele Canal Rehabilitation Project |
| 7.2.24 | 315mm | Nandoni Dam Remedial Action Project | Makahado Bulk Water Supply Project | Nzhelele Canal Rehabilitation Project |
| 7.2.25 | 355mm | Nandoni Dam Remedial Action Project | Makahado Bulk Water Supply Project | Nzhelele Canal Rehabilitation Project |
| 7.2.26 | 400mm | Nandoni Dam Remedial Action Project | Makahado Bulk Water Supply Project | Nzhelele Canal Rehabilitation Project |

| EQUAL TEES – CLASS9 |             |                                |                                  |                                 |
|---------------------|-------------|--------------------------------|----------------------------------|---------------------------------|
| Item No.            | Description | Project                        | Project                          | Project                         |
| 7.2.27              | 50mm        | Capricon District Municipality | Sekhukhune District Municipality | Waterberg District Municipality |
| 7.2.28              | 63mm        | Capricon District Municipality | Sekhukhune District Municipality | Waterberg District Municipality |
| 7.2.29              | 75mm        | Capricon District Municipality | Sekhukhune District Municipality | Waterberg District Municipality |
| 7.2.30              | 90mm        | Capricon District Municipality | Sekhukhune District Municipality | Waterberg District Municipality |

|        |       |                                |                                  |                                 |
|--------|-------|--------------------------------|----------------------------------|---------------------------------|
| 7.2.31 | 110mm | Capricon District Municipality | Sekhukhune District Municipality | Waterberg District Municipality |
| 7.2.32 | 125mm | Capricon District Municipality | Sekhukhune District Municipality | Waterberg District Municipality |
| 7.2.33 | 140mm | Capricon District Municipality | Sekhukhune District Municipality | Waterberg District Municipality |
| 7.2.34 | 160mm | Capricon District Municipality | Sekhukhune District Municipality | Waterberg District Municipality |
| 7.2.35 | 200mm | Capricon District Municipality | Sekhukhune District Municipality | Waterberg District Municipality |
| 7.2.36 | 250mm | Capricon District Municipality | Sekhukhune District Municipality | Waterberg District Municipality |
| 7.2.37 | 315mm | Capricon District Municipality | Sekhukhune District Municipality | Waterberg District Municipality |
| 7.2.38 | 355mm | Capricon District Municipality | Sekhukhune District Municipality | Waterberg District Municipality |
| 7.2.39 | 400mm | Capricon District Municipality | Sekhukhune District Municipality | Waterberg District Municipality |

| 7.3 REDUCING TEES – CLASS9  |                |                  |      |      |     |     |     |     |     |     |     |
|---|----------------|------------------|------|------|-----|-----|-----|-----|-----|-----|-----|
| MOPANI DISTRICT MUNICIPALITY  |                |                  |      |      |     |     |     |     |     |     |     |
| TZANEEN DAM, BABANANA WATER PROJECT AND GIYANI WATER SERVICES PROJECT |                |                  |      |      |     |     |     |     |     |     |     |
|   |                |                  |      |      |     |     |     |     |     |     |     |
| Item No.  | Main pipe size | Branch pipe size |      |      |     |     |     |     |     |     |     |
| 7.3.1   | 50mm           | N/A              | N/A  | N/A  | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| 7.3.2   | 63mm           | 50mm             | N/A  | N/A  | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| 7.3.3   | 75mm           | 50mm             | 63mm | N/A  | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| 7.3.4   | 90mm           | 50mm             | 63mm | 75mm | N/A | N/A | N/A | N/A | N/A | N/A | N/A |

|        |       |      |      |      |      |       |       |       |       |       |       |
|--------|-------|------|------|------|------|-------|-------|-------|-------|-------|-------|
| 7.3.5  | 110mm | 50mm | 63mm | 75mm | 90mm | N/A   | N/A   | N/A   | N/A   | N/A   | N/A   |
| 7.3.6  | 125mm | 50mm | 63mm | 75mm | 90mm | 110mm | N/A   | N/A   | N/A   | N/A   | N/A   |
| 7.3.7  | 140mm | 50mm | 63mm | 75mm | 90mm | 110mm | 125mm | N/A   | N/A   | N/A   | N/A   |
| 7.3.8  | 160mm | 50mm | 63mm | 75mm | 90mm | 110mm | 125mm | 140mm | N/A   | N/A   | N/A   |
| 7.3.9  | 200mm | 50mm | 63mm | 75mm | 90mm | 110mm | 125mm | 140mm | 160mm | N/A   | N/A   |
| 7.3.10 | 250mm | 50mm | 63mm | 75mm | 90mm | 110mm | 125mm | 140mm | 160mm | 200mm | N/A   |
| 7.3.11 | 315mm | 50mm | 63mm | 75mm | 90mm | 110mm | 125mm | 140mm | 160mm | 200mm | N/A   |
| 7.3.12 | 355mm | 50mm | 63mm | 75mm | 90mm | 110mm | 125mm | 140mm | 160mm | 200mm | 250mm |
| 7.3.13 | 400mm | 50mm | 63mm | 75mm | 90mm | 110mm | 125mm | 140mm | 160mm | 200mm | 250mm |

| VHEMBE DISTRICT MUNICIPALITY |                       |  |     |     |     |     |     |     |     |     |     |
|------------------------------|-----------------------|--|-----|-----|-----|-----|-----|-----|-----|-----|-----|
|                              |                       | <i><b>NANDONI DAM REMEDIAL ACTION, MAKHADO BULK WATER SUPPLY AND NZHELELE CANAL REHABILITATION PROJECT</b></i> |     |     |     |     |     |     |     |     |     |
| <b>Item No.</b>              | <b>Main pipe size</b> | <b>Branch pipe size</b>  |     |     |     |     |     |     |     |     |     |
|                              |                       |  |     |     |     |     |     |     |     |     |     |
|                              |                       |  |     |     |     |     |     |     |     |     |     |
| 7.3.40                       | 50mm                  | N/A  | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| 7.3.41                       | 63mm                  | 50mm   | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |

|        |       |      |      |      |      |       |       |       |       |       |       |
|--------|-------|------|------|------|------|-------|-------|-------|-------|-------|-------|
| 7.3.42 | 75mm  | 50mm | 63mm | N/A  | N/A  | N/A   | N/A   | N/A   | N/A   | N/A   | N/A   |
| 7.3.43 | 90mm  | 50mm | 63mm | 75mm | N/A  | N/A   | N/A   | N/A   | N/A   | N/A   | N/A   |
| 7.3.44 | 110mm | 50mm | 63mm | 75mm | 90mm | N/A   | N/A   | N/A   | N/A   | N/A   | N/A   |
| 7.3.45 | 125mm | 50mm | 63mm | 75mm | 90mm | 110mm | N/A   | N/A   | N/A   | N/A   | N/A   |
| 7.3.46 | 140mm | 50mm | 63mm | 75mm | 90mm | 110mm | 125mm | N/A   | N/A   | N/A   | N/A   |
| 7.3.47 | 160mm | 50mm | 63mm | 75mm | 90mm | 110mm | 125mm | 140mm | N/A   | N/A   | N/A   |
| 7.3.48 | 200mm | 50mm | 63mm | 75mm | 90mm | 110mm | 125mm | 140mm | 160mm | N/A   | N/A   |
| 7.3.49 | 250mm | 50mm | 63mm | 75mm | 90mm | 110mm | 125mm | 140mm | 160mm | 200mm | N/A   |
| 7.3.50 | 315mm | 50mm | 63mm | 75mm | 90mm | 110mm | 125mm | 140mm | 160mm | 200mm | N/A   |
| 7.3.51 | 355mm | 50mm | 63mm | 75mm | 90mm | 110mm | 125mm | 140mm | 160mm | 200mm | 250mm |
| 7.3.52 | 400mm | 50mm | 63mm | 75mm | 90mm | 110mm | 125mm | 140mm | 160mm | 200mm | 250mm |

| CAPRICORN DISTRICT MUNICIPALITY |                |                  |      |      |     |     |     |     |     |     |     |
|---------------------------------|----------------|------------------|------|------|-----|-----|-----|-----|-----|-----|-----|
| Item No.                        | Main pipe size | Branch pipe size |      |      |     |     |     |     |     |     |     |
|                                 |                |                  |      |      |     |     |     |     |     |     |     |
| 7.3.79                          | 50mm           | N/A              | N/A  | N/A  | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| 7.3.80                          | 63mm           | 50mm             | N/A  | N/A  | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| 7.3.81                          | 75mm           | 50mm             | 63mm | N/A  | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| 7.3.82                          | 90mm           | 50mm             | 63mm | 75mm | N/A | N/A | N/A | N/A | N/A | N/A | N/A |

|        |       |      |      |      |      |       |       |       |       |       |       |
|--------|-------|------|------|------|------|-------|-------|-------|-------|-------|-------|
| 7.3.83 | 110mm | 50mm | 63mm | 75mm | 90mm | N/A   | N/A   | N/A   | N/A   | N/A   | N/A   |
| 7.3.84 | 125mm | 50mm | 63mm | 75mm | 90mm | 110mm | N/A   | N/A   | N/A   | N/A   | N/A   |
| 7.3.85 | 140mm | 50mm | 63mm | 75mm | 90mm | 110mm | 125mm | N/A   | N/A   | N/A   | N/A   |
| 7.3.86 | 160mm | 50mm | 63mm | 75mm | 90mm | 110mm | 125mm | 140mm | N/A   | N/A   | N/A   |
| 7.3.87 | 200mm | 50mm | 63mm | 75mm | 90mm | 110mm | 125mm | 140mm | 160mm | N/A   | N/A   |
| 7.3.88 | 250mm | 50mm | 63mm | 75mm | 90mm | 110mm | 125mm | 140mm | 160mm | 200mm | N/A   |
| 7.3.89 | 315mm | 50mm | 63mm | 75mm | 90mm | 110mm | 125mm | 140mm | 160mm | 200mm | N/A   |
| 7.3.90 | 355mm | 50mm | 63mm | 75mm | 90mm | 110mm | 125mm | 140mm | 160mm | 200mm | 250mm |
| 7.3.91 | 400mm | 50mm | 63mm | 75mm | 90mm | 110mm | 125mm | 140mm | 160mm | 200mm | 250mm |

| SEKHUKHUNE DISTRICT MUNICIPALITY |                |                  |      |      |      |     |     |     |     |     |     |
|----------------------------------|----------------|------------------|------|------|------|-----|-----|-----|-----|-----|-----|
| Item No.                         | Main pipe size | Branch pipe size |      |      |      |     |     |     |     |     |     |
|                                  |                |                  |      |      |      |     |     |     |     |     |     |
| 7.3.92                           | 50mm           | N/A              | N/A  | N/A  | N/A  | N/A | N/A | N/A | N/A | N/A | N/A |
| 7.3.93                           | 63mm           | 50mm             | N/A  | N/A  | N/A  | N/A | N/A | N/A | N/A | N/A | N/A |
| 7.3.94                           | 75mm           | 50mm             | 63mm | N/A  | N/A  | N/A | N/A | N/A | N/A | N/A | N/A |
| 7.3.95                           | 90mm           | 50mm             | 63mm | 75mm | N/A  | N/A | N/A | N/A | N/A | N/A | N/A |
| 7.3.96                           | 110mm          | 50mm             | 63mm | 75mm | 90mm | N/A | N/A | N/A | N/A | N/A | N/A |



|         |       |      |      |      |      |       |       |       |       |       |       |
|---------|-------|------|------|------|------|-------|-------|-------|-------|-------|-------|
| 7.3.97  | 125mm | 50mm | 63mm | 75mm | 90mm | 110mm | N/A   | N/A   | N/A   | N/A   | N/A   |
| 7.3.98  | 140mm | 50mm | 63mm | 75mm | 90mm | 110mm | 125mm | N/A   | N/A   | N/A   | N/A   |
| 7.3.99  | 160mm | 50mm | 63mm | 75mm | 90mm | 110mm | 125mm | 140mm | N/A   | N/A   | N/A   |
| 7.3.100 | 200mm | 50mm | 63mm | 75mm | 90mm | 110mm | 125mm | 140mm | 160mm | N/A   | N/A   |
| 7.3.101 | 250mm | 50mm | 63mm | 75mm | 90mm | 110mm | 125mm | 140mm | 160mm | 200mm | N/A   |
| 7.3.102 | 315mm | 50mm | 63mm | 75mm | 90mm | 110mm | 125mm | 140mm | 160mm | 200mm | N/A   |
| 7.3.103 | 355mm | 50mm | 63mm | 75mm | 90mm | 110mm | 125mm | 140mm | 160mm | 200mm | 250mm |
| 7.3.104 | 400mm | 50mm | 63mm | 75mm | 90mm | 110mm | 125mm | 140mm | 160mm | 200mm | 250mm |

| WATERBERG DISTRICT MUNICIPALITY |                |                  |      |      |      |     |     |     |     |     |     |
|---------------------------------|----------------|------------------|------|------|------|-----|-----|-----|-----|-----|-----|
| Item No.                        | Main pipe size | Branch pipe size |      |      |      |     |     |     |     |     |     |
|                                 |                |                  |      |      |      |     |     |     |     |     |     |
| 7.3.105                         | 50mm           | N/A              | N/A  | N/A  | N/A  | N/A | N/A | N/A | N/A | N/A | N/A |
| 7.3.106                         | 63mm           | 50mm             | N/A  | N/A  | N/A  | N/A | N/A | N/A | N/A | N/A | N/A |
| 7.3.107                         | 75mm           | 50mm             | 63mm | N/A  | N/A  | N/A | N/A | N/A | N/A | N/A | N/A |
| 7.3.108                         | 90mm           | 50mm             | 63mm | 75mm | N/A  | N/A | N/A | N/A | N/A | N/A | N/A |
| 7.3.109                         | 110mm          | 50mm             | 63mm | 75mm | 90mm | N/A | N/A | N/A | N/A | N/A | N/A |

|         |       |      |      |      |      |       |       |       |       |       |       |
|---------|-------|------|------|------|------|-------|-------|-------|-------|-------|-------|
| 7.3.110 | 125mm | 50mm | 63mm | 75mm | 90mm | 110mm | N/A   | N/A   | N/A   | N/A   | N/A   |
| 7.3.111 | 140mm | 50mm | 63mm | 75mm | 90mm | 110mm | 125mm | N/A   | N/A   | N/A   | N/A   |
| 7.3.112 | 160mm | 50mm | 63mm | 75mm | 90mm | 110mm | 125mm | 140mm | N/A   | N/A   | N/A   |
| 7.3.113 | 200mm | 50mm | 63mm | 75mm | 90mm | 110mm | 125mm | 140mm | 160mm | N/A   | N/A   |
| 7.3.114 | 250mm | 50mm | 63mm | 75mm | 90mm | 110mm | 125mm | 140mm | 160mm | 200mm | N/A   |
| 7.3.115 | 315mm | 50mm | 63mm | 75mm | 90mm | 110mm | 125mm | 140mm | 160mm | 200mm | N/A   |
| 7.3.116 | 355mm | 50mm | 63mm | 75mm | 90mm | 110mm | 125mm | 140mm | 160mm | 200mm | 250mm |
| 7.3.117 | 400mm | 50mm | 63mm | 75mm | 90mm | 110mm | 125mm | 140mm | 160mm | 200mm | 250mm |

| 7.4 REDUCERS – CLASS9   |      |      |      |     |     |     |     |     |     |     |     |
|---|------|------|------|-----|-----|-----|-----|-----|-----|-----|-----|
| MOPANI DISTRICT MUNICIPALITY  |      |      |      |     |     |     |     |     |     |     |     |
| TZANEEN DAM, BABANANA WATER PROJECT AND GIYANI WATER SERVICES PROJECT |      |      |      |     |     |     |     |     |     |     |     |
| Item No.  | A    | B    |      |     |     |     |     |     |     |     |     |
|   |      |      |      |     |     |     |     |     |     |     |     |
| 7.4.1   | 50mm | N/A  | N/A  | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| 7.4.2   | 63mm | 50mm | N/A  | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| 7.4.3   | 75mm | 50mm | 63mm | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |

|        |       |      |      |      |      |       |       |       |       |       |       |
|--------|-------|------|------|------|------|-------|-------|-------|-------|-------|-------|
| 7.4.4  | 90mm  | 50mm | 63mm | 75mm | N/A  | N/A   | N/A   | N/A   | N/A   | N/A   | N/A   |
| 7.4.5  | 110mm | 50mm | 63mm | 75mm | 90mm | N/A   | N/A   | N/A   | N/A   | N/A   | N/A   |
| 7.4.6  | 125mm | 50mm | 63mm | 75mm | 90mm | 110mm | N/A   | N/A   | N/A   | N/A   | N/A   |
| 7.4.7  | 140mm | 50mm | 63mm | 75mm | 90mm | 110mm | 125mm | N/A   | N/A   | N/A   | N/A   |
| 7.4.8  | 160mm | 50mm | 63mm | 75mm | 90mm | 110mm | 125mm | 140mm | N/A   | N/A   | N/A   |
| 7.4.9  | 200mm | 50mm | 63mm | 75mm | 90mm | 110mm | 125mm | 140mm | 160mm | N/A   | N/A   |
| 7.4.10 | 250mm | 50mm | 63mm | 75mm | 90mm | 110mm | 125mm | 140mm | 160mm | 200mm | N/A   |
| 7.4.11 | 315mm | 50mm | 63mm | 75mm | 90mm | 110mm | 125mm | 140mm | 160mm | 200mm | N/A   |
| 7.4.12 | 355mm | 50mm | 63mm | 75mm | 90mm | 110mm | 125mm | 140mm | 160mm | 200mm | 250mm |
| 7.4.13 | 400mm | 50mm | 63mm | 75mm | 90mm | 110mm | 125mm | 140mm | 160mm | 200mm | 250mm |

| VHEMBE DISTRICT MUNICIPALITY |          |  |     |     |     |     |     |     |     |     |     |
|------------------------------|----------|--|-----|-----|-----|-----|-----|-----|-----|-----|-----|
|                              |          | <b><i>NANDONI DAM REMEDIAL ACTION, MAKHADO BULK WATER SUPPLY AND NZHELELE CANAL REHABILITATION PROJECT</i></b> |     |     |     |     |     |     |     |     |     |
| <b>Item No.</b>              | <b>A</b> | <b>B</b>   |     |     |     |     |     |     |     |     |     |
|                              |          |  |     |     |     |     |     |     |     |     |     |
| 7.4.40                       | 50mm     | N/A  | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |

|        |       |      |      |      |      |       |       |       |       |       |       |
|--------|-------|------|------|------|------|-------|-------|-------|-------|-------|-------|
| 7.4.41 | 63mm  | 50mm | N/A  | N/A  | N/A  | N/A   | N/A   | N/A   | N/A   | N/A   | N/A   |
| 7.4.42 | 75mm  | 50mm | 63mm | N/A  | N/A  | N/A   | N/A   | N/A   | N/A   | N/A   | N/A   |
| 7.4.43 | 90mm  | 50mm | 63mm | 75mm | N/A  | N/A   | N/A   | N/A   | N/A   | N/A   | N/A   |
| 7.4.44 | 110mm | 50mm | 63mm | 75mm | 90mm | N/A   | N/A   | N/A   | N/A   | N/A   | N/A   |
| 7.4.45 | 125mm | 50mm | 63mm | 75mm | 90mm | 110mm | N/A   | N/A   | N/A   | N/A   | N/A   |
| 7.4.46 | 140mm | 50mm | 63mm | 75mm | 90mm | 110mm | 125mm | N/A   | N/A   | N/A   | N/A   |
| 7.4.47 | 160mm | 50mm | 63mm | 75mm | 90mm | 110mm | 125mm | 140mm | N/A   | N/A   | N/A   |
| 7.4.48 | 200mm | 50mm | 63mm | 75mm | 90mm | 110mm | 125mm | 140mm | 160mm | N/A   | N/A   |
| 7.4.49 | 250mm | 50mm | 63mm | 75mm | 90mm | 110mm | 125mm | 140mm | 160mm | 200mm | N/A   |
| 7.4.50 | 315mm | 50mm | 63mm | 75mm | 90mm | 110mm | 125mm | 140mm | 160mm | 200mm | N/A   |
| 7.4.51 | 355mm | 50mm | 63mm | 75mm | 90mm | 110mm | 125mm | 140mm | 160mm | 200mm | 250mm |
| 7.4.52 | 400mm | 50mm | 63mm | 75mm | 90mm | 110mm | 125mm | 140mm | 160mm | 200mm | 250mm |

| CAPRICORN DISTRICT MUNICIPALITY |      |     |     |     |     |     |     |     |     |     |     |
|---------------------------------|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Item No.                        | A    | B   |     |     |     |     |     |     |     |     |     |
|                                 |      |     |     |     |     |     |     |     |     |     |     |
| 7.4.79                          | 50mm | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |

|        |       |      |      |      |      |       |       |       |       |       |       |
|--------|-------|------|------|------|------|-------|-------|-------|-------|-------|-------|
| 7.4.80 | 63mm  | 50mm | N/A  | N/A  | N/A  | N/A   | N/A   | N/A   | N/A   | N/A   | N/A   |
| 7.4.81 | 75mm  | 50mm | 63mm | N/A  | N/A  | N/A   | N/A   | N/A   | N/A   | N/A   | N/A   |
| 7.4.82 | 90mm  | 50mm | 63mm | 75mm | N/A  | N/A   | N/A   | N/A   | N/A   | N/A   | N/A   |
| 7.4.83 | 110mm | 50mm | 63mm | 75mm | 90mm | N/A   | N/A   | N/A   | N/A   | N/A   | N/A   |
| 7.4.84 | 125mm | 50mm | 63mm | 75mm | 90mm | 110mm | N/A   | N/A   | N/A   | N/A   | N/A   |
| 7.4.85 | 140mm | 50mm | 63mm | 75mm | 90mm | 110mm | 125mm | N/A   | N/A   | N/A   | N/A   |
| 7.4.86 | 160mm | 50mm | 63mm | 75mm | 90mm | 110mm | 125mm | 140mm | N/A   | N/A   | N/A   |
| 7.4.87 | 200mm | 50mm | 63mm | 75mm | 90mm | 110mm | 125mm | 140mm | 160mm | N/A   | N/A   |
| 7.4.88 | 250mm | 50mm | 63mm | 75mm | 90mm | 110mm | 125mm | 140mm | 160mm | 200mm | N/A   |
| 7.4.89 | 315mm | 50mm | 63mm | 75mm | 90mm | 110mm | 125mm | 140mm | 160mm | 200mm | N/A   |
| 7.4.90 | 355mm | 50mm | 63mm | 75mm | 90mm | 110mm | 125mm | 140mm | 160mm | 200mm | 250mm |
| 7.4.91 | 400mm | 50mm | 63mm | 75mm | 90mm | 110mm | 125mm | 140mm | 160mm | 200mm | 250mm |

| SEKHUKHUNE DISTRICT MUNICIPALITY |      |      |      |     |     |     |     |     |     |     |     |
|----------------------------------|------|------|------|-----|-----|-----|-----|-----|-----|-----|-----|
| Item No.                         | A    | B    |      |     |     |     |     |     |     |     |     |
|                                  |      |      |      |     |     |     |     |     |     |     |     |
| 7.4.92                           | 50mm | N/A  | N/A  | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| 7.4.93                           | 63mm | 50mm | N/A  | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| 7.4.94                           | 75mm | 50mm | 63mm | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |

|         |       |      |      |      |      |       |       |       |       |       |       |
|---------|-------|------|------|------|------|-------|-------|-------|-------|-------|-------|
| 7.4.95  | 90mm  | 50mm | 63mm | 75mm | N/A  | N/A   | N/A   | N/A   | N/A   | N/A   | N/A   |
| 7.4.96  | 110mm | 50mm | 63mm | 75mm | 90mm | N/A   | N/A   | N/A   | N/A   | N/A   | N/A   |
| 7.4.97  | 125mm | 50mm | 63mm | 75mm | 90mm | 110mm | N/A   | N/A   | N/A   | N/A   | N/A   |
| 7.4.98  | 140mm | 50mm | 63mm | 75mm | 90mm | 110mm | 125mm | N/A   | N/A   | N/A   | N/A   |
| 7.4.99  | 160mm | 50mm | 63mm | 75mm | 90mm | 110mm | 125mm | 140mm | N/A   | N/A   | N/A   |
| 7.4.100 | 200mm | 50mm | 63mm | 75mm | 90mm | 110mm | 125mm | 140mm | 160mm | N/A   | N/A   |
| 7.4.101 | 250mm | 50mm | 63mm | 75mm | 90mm | 110mm | 125mm | 140mm | 160mm | 200mm | N/A   |
| 7.4.102 | 315mm | 50mm | 63mm | 75mm | 90mm | 110mm | 125mm | 140mm | 160mm | 200mm | N/A   |
| 7.4.103 | 355mm | 50mm | 63mm | 75mm | 90mm | 110mm | 125mm | 140mm | 160mm | 200mm | 250mm |
| 7.4.104 | 400mm | 50mm | 63mm | 75mm | 90mm | 110mm | 125mm | 140mm | 160mm | 200mm | 250mm |

| WATERBERG DISTRICT MUNICIPALITY |      |      |      |     |     |     |     |     |     |     |     |
|---------------------------------|------|------|------|-----|-----|-----|-----|-----|-----|-----|-----|
| Item No.                        | A    | B    |      |     |     |     |     |     |     |     |     |
|                                 |      |      |      |     |     |     |     |     |     |     |     |
| 7.4.105                         | 50mm | N/A  | N/A  | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| 7.4.106                         | 63mm | 50mm | N/A  | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| 7.4.107                         | 75mm | 50mm | 63mm | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |

|         |       |      |      |      |      |       |       |       |       |       |       |
|---------|-------|------|------|------|------|-------|-------|-------|-------|-------|-------|
| 7.4.108 | 90mm  | 50mm | 63mm | 75mm | N/A  | N/A   | N/A   | N/A   | N/A   | N/A   | N/A   |
| 7.4.109 | 110mm | 50mm | 63mm | 75mm | 90mm | N/A   | N/A   | N/A   | N/A   | N/A   | N/A   |
| 7.4.110 | 125mm | 50mm | 63mm | 75mm | 90mm | 110mm | N/A   | N/A   | N/A   | N/A   | N/A   |
| 7.4.111 | 140mm | 50mm | 63mm | 75mm | 90mm | 110mm | 125mm | N/A   | N/A   | N/A   | N/A   |
| 7.4.112 | 160mm | 50mm | 63mm | 75mm | 90mm | 110mm | 125mm | 140mm | N/A   | N/A   | N/A   |
| 7.4.113 | 200mm | 50mm | 63mm | 75mm | 90mm | 110mm | 125mm | 140mm | 160mm | N/A   | N/A   |
| 7.4.114 | 250mm | 50mm | 63mm | 75mm | 90mm | 110mm | 125mm | 140mm | 160mm | 200mm | N/A   |
| 7.4.115 | 315mm | 50mm | 63mm | 75mm | 90mm | 110mm | 125mm | 140mm | 160mm | 200mm | N/A   |
| 7.4.116 | 355mm | 50mm | 63mm | 75mm | 90mm | 110mm | 125mm | 140mm | 160mm | 200mm | 250mm |
| 7.4.117 | 400mm | 50mm | 63mm | 75mm | 90mm | 110mm | 125mm | 140mm | 160mm | 200mm | 250mm |

| 8. SG IRON FITINGS TO SUIT PVC PIPES |                                |                              |         |         |
|--------------------------------------|--------------------------------|------------------------------|---------|---------|
|                                      | 8.1 SG IRON SOCKETED COUPLINGS |                              |         |         |
|                                      |                                | MOPANI DISTRICT MUNICIPALITY |         |         |
| Item No.                             | Description                    | Project                      | Project | Project |
|                                      |                                |                              |         |         |

|        |       |             |                        |                               |
|--------|-------|-------------|------------------------|-------------------------------|
| 8.1.1  | 50mm  | Tzaneen Dam | Babanana Water Project | Giyani Water Services Project |
| 8.1.2  | 63mm  | Tzaneen Dam | Babanana Water Project | Giyani Water Services Project |
| 8.1.3  | 75mm  | Tzaneen Dam | Babanana Water Project | Giyani Water Services Project |
| 8.1.4  | 90mm  | Tzaneen Dam | Babanana Water Project | Giyani Water Services Project |
| 8.1.5  | 110mm | Tzaneen Dam | Babanana Water Project | Giyani Water Services Project |
| 8.1.6  | 125mm | Tzaneen Dam | Babanana Water Project | Giyani Water Services Project |
| 8.1.7  | 140mm | Tzaneen Dam | Babanana Water Project | Giyani Water Services Project |
| 8.1.8  | 160mm | Tzaneen Dam | Babanana Water Project | Giyani Water Services Project |
| 8.1.9  | 200mm | Tzaneen Dam | Babanana Water Project | Giyani Water Services Project |
| 8.1.10 | 250mm | Tzaneen Dam | Babanana Water Project | Giyani Water Services Project |

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|-----------------|-----------------------------------|-------------------------------------|-----------------|-----------------|
|                 |                                   |                                     |                 |                 |
|                 | <b>SG IRON SOCKETED COUPLINGS</b> |                                     |                 |                 |
|                 |                                   | <b>VHEMBE DISTRICT MUNICIPALITY</b> |                 |                 |
|                 |                                   |                                     |                 |                 |
| <b>Item No.</b> | <b>Description</b>                | <b>Projects</b>                     | <b>Projects</b> | <b>Projects</b> |



|        |       |                                     |                                   |                                       |
|--------|-------|-------------------------------------|-----------------------------------|---------------------------------------|
|        |       |                                     |                                   |                                       |
| 8.1.11 | 50mm  | Nandoni Dam Remedial Action Project | Makhado Bulk Water Supply Project | Nzhelele Canal Rehabilitation Project |
| 8.1.12 | 63mm  | Nandoni Dam Remedial Action Project | Makhado Bulk Water Supply Project | Nzhelele Canal Rehabilitation Project |
| 8.1.13 | 75mm  | Nandoni Dam Remedial Action Project | Makhado Bulk Water Supply Project | Nzhelele Canal Rehabilitation Project |
| 8.1.14 | 90mm  | Nandoni Dam Remedial Action Project | Makhado Bulk Water Supply Project | Nzhelele Canal Rehabilitation Project |
| 8.1.15 | 110mm | Nandoni Dam Remedial Action Project | Makhado Bulk Water Supply Project | Nzhelele Canal Rehabilitation Project |
| 8.1.16 | 125mm | Nandoni Dam Remedial Action Project | Makhado Bulk Water Supply Project | Nzhelele Canal Rehabilitation Project |
| 8.1.17 | 140mm | Nandoni Dam Remedial Action Project | Makhado Bulk Water Supply Project | Nzhelele Canal Rehabilitation Project |
| 8.1.18 | 160mm | Nandoni Dam Remedial Action Project | Makhado Bulk Water Supply Project | Nzhelele Canal Rehabilitation Project |
| 8.1.19 | 200mm | Nandoni Dam Remedial Action Project | Makhado Bulk Water Supply Project | Nzhelele Canal Rehabilitation Project |
| 8.1.20 | 250mm | Nandoni Dam Remedial Action Project | Makhado Bulk Water Supply Project | Nzhelele Canal Rehabilitation Project |

|                 |                                   |                 |                 |                 |
|-----------------|-----------------------------------|-----------------|-----------------|-----------------|
|                 |                                   |                 |                 |                 |
|                 | <b>SG IRON SOCKETED COUPLINGS</b> |                 |                 |                 |
|                 |                                   |                 |                 |                 |
| <b>Item No.</b> | <b>Description</b>                | <b>Projects</b> | <b>Projects</b> | <b>Projects</b> |
|                 |                                   |                 |                 |                 |

|        |       |                                 |                                  |                                 |
|--------|-------|---------------------------------|----------------------------------|---------------------------------|
| 8.1.21 | 50mm  | Capricorn District Municipality | Sekhukhune District Municipality | Waterberg District Municipality |
| 8.1.22 | 63mm  | Capricorn District Municipality | Sekhukhune District Municipality | Waterberg District Municipality |
| 8.1.23 | 75mm  | Capricorn District Municipality | Sekhukhune District Municipality | Waterberg District Municipality |
| 8.1.24 | 90mm  | Capricorn District Municipality | Sekhukhune District Municipality | Waterberg District Municipality |
| 8.1.25 | 110mm | Capricorn District Municipality | Sekhukhune District Municipality | Waterberg District Municipality |
| 8.1.26 | 125mm | Capricorn District Municipality | Sekhukhune District Municipality | Waterberg District Municipality |
| 8.1.27 | 140mm | Capricorn District Municipality | Sekhukhune District Municipality | Waterberg District Municipality |
| 8.1.28 | 160mm | Capricorn District Municipality | Sekhukhune District Municipality | Waterberg District Municipality |
| 8.1.29 | 200mm | Capricorn District Municipality | Sekhukhune District Municipality | Waterberg District Municipality |
| 8.1.30 | 250mm | Capricorn District Municipality | Sekhukhune District Municipality | Waterberg District Municipality |

|                 |  |                                     |                 |                 |
|-----------------|--|-------------------------------------|-----------------|-----------------|
|                 | <b>8.2 SG IRON SOCKETED EQUAL TEES</b> |                                     |                 |                 |
|                 |  | <b>MOPANI DISTRICT MUNICIPALITY</b> |                 |                 |
| <b>Item No.</b> | <b>Description</b>                     | <b>Projects</b>                     | <b>Projects</b> | <b>Projects</b> |
|                 |  |                                     |                 |                 |

|        |       |             |                        |                               |
|--------|-------|-------------|------------------------|-------------------------------|
| 8.2.1  | 63mm  | Tzaneen Dam | Babanana Water Project | Giyani Water Services Project |
| 8.2.2  | 75mm  | Tzaneen Dam | Babanana Water Project | Giyani Water Services Project |
| 8.2.3  | 90mm  | Tzaneen Dam | Babanana Water Project | Giyani Water Services Project |
| 8.2.4  | 110mm | Tzaneen Dam | Babanana Water Project | Giyani Water Services Project |
| 8.2.5  | 125mm | Tzaneen Dam | Babanana Water Project | Giyani Water Services Project |
| 8.2.6  | 140mm | Tzaneen Dam | Babanana Water Project | Giyani Water Services Project |
| 8.2.7  | 160mm | Tzaneen Dam | Babanana Water Project | Giyani Water Services Project |
| 8.2.8  | 200mm | Tzaneen Dam | Babanana Water Project | Giyani Water Services Project |
| 8.2.9  | 250mm | Tzaneen Dam | Babanana Water Project | Giyani Water Services Project |
| 8.2.10 | 315mm | Tzaneen Dam | Babanana Water Project | Giyani Water Services Project |

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|-----------------|--|-------------------------------------|-----------------|-----------------|
|                 | <b>8.2 SG IRON SOCKETED EQUAL TEES</b> |                                     |                 |                 |
|                 |  | <b>VHEMBE DISTRICT MUNICIPALITY</b> |                 |                 |
|                 |  |                                     |                 |                 |
| <b>Item No.</b> | <b>Description</b>                     | <b>Projects</b>                     | <b>Projects</b> | <b>Projects</b> |

|        |       |                                     |                                   |                                       |
|--------|-------|-------------------------------------|-----------------------------------|---------------------------------------|
|        |       |                                     |                                   |                                       |
| 8.2.11 | 63mm  | Nandoni Dam Remedial Action Project | Makhado Bulk Water Supply Project | Nzhelele Canal Rehabilitation Project |
| 8.2.12 | 75mm  | Nandoni Dam Remedial Action Project | Makhado Bulk Water Supply Project | Nzhelele Canal Rehabilitation Project |
| 8.2.13 | 90mm  | Nandoni Dam Remedial Action Project | Makhado Bulk Water Supply Project | Nzhelele Canal Rehabilitation Project |
| 8.2.14 | 110mm | Nandoni Dam Remedial Action Project | Makhado Bulk Water Supply Project | Nzhelele Canal Rehabilitation Project |
| 8.2.15 | 125mm | Nandoni Dam Remedial Action Project | Makhado Bulk Water Supply Project | Nzhelele Canal Rehabilitation Project |
| 8.2.16 | 140mm | Nandoni Dam Remedial Action Project | Makhado Bulk Water Supply Project | Nzhelele Canal Rehabilitation Project |
| 8.2.17 | 160mm | Nandoni Dam Remedial Action Project | Makhado Bulk Water Supply Project | Nzhelele Canal Rehabilitation Project |
| 8.2.18 | 200mm | Nandoni Dam Remedial Action Project | Makhado Bulk Water Supply Project | Nzhelele Canal Rehabilitation Project |
| 8.2.19 | 250mm | Nandoni Dam Remedial Action Project | Makhado Bulk Water Supply Project | Nzhelele Canal Rehabilitation Project |
| 8.2.20 | 315mm | Nandoni Dam Remedial Action Project | Makhado Bulk Water Supply Project | Nzhelele Canal Rehabilitation Project |

|                 |  |                 |                 |                 |
|-----------------|--|-----------------|-----------------|-----------------|
|                 | <b>8.2 SG IRON SOCKETED EQUAL TEES</b> |                 |                 |                 |
|                 |  |                 |                 |                 |
| <b>Item No.</b> | <b>Description</b>                     | <b>Projects</b> | <b>Projects</b> | <b>Projects</b> |
|                 |  |                 |                 |                 |

|        |       |                                 |                                  |                                 |
|--------|-------|---------------------------------|----------------------------------|---------------------------------|
| 8.2.21 | 63mm  | Capricorn District Municipality | Sekhukhune District Municipality | Waterberg District Municipality |
| 8.2.22 | 75mm  | Capricorn District Municipality | Sekhukhune District Municipality | Waterberg District Municipality |
| 8.2.23 | 90mm  | Capricorn District Municipality | Sekhukhune District Municipality | Waterberg District Municipality |
| 8.2.24 | 110mm | Capricorn District Municipality | Sekhukhune District Municipality | Waterberg District Municipality |
| 8.2.25 | 125mm | Capricorn District Municipality | Sekhukhune District Municipality | Waterberg District Municipality |
| 8.2.26 | 140mm | Capricorn District Municipality | Sekhukhune District Municipality | Waterberg District Municipality |
| 8.2.27 | 160mm | Capricorn District Municipality | Sekhukhune District Municipality | Waterberg District Municipality |
| 8.2.28 | 200mm | Capricorn District Municipality | Sekhukhune District Municipality | Waterberg District Municipality |
| 8.2.29 | 250mm | Capricorn District Municipality | Sekhukhune District Municipality | Waterberg District Municipality |
| 8.2.30 | 315mm | Capricorn District Municipality | Sekhukhune District Municipality | Waterberg District Municipality |

|                 |                                       |                                     |                |                |
|-----------------|---------------------------------------|-------------------------------------|----------------|----------------|
|                 | <b>8.3 SG IRON FLANGED SCOUR TEES</b> |                                     |                |                |
|                 |                                       | <b>MOPANI DISTRICT MUNICIPALITY</b> |                |                |
| <b>Item No.</b> | <b>Description</b>                    | <b>Project</b>                      | <b>Project</b> | <b>Project</b> |
|                 |                                       |                                     |                |                |

|       |       |             |                        |                               |
|-------|-------|-------------|------------------------|-------------------------------|
| 8.3.1 | 110mm | Tzaneen Dam | Babanana Water Project | Giyani Water Services Project |
| 8.3.2 | 125mm | Tzaneen Dam | Babanana Water Project | Giyani Water Services Project |
| 8.3.3 | 140mm | Tzaneen Dam | Babanana Water Project | Giyani Water Services Project |
| 8.3.4 | 160mm | Tzaneen Dam | Babanana Water Project | Giyani Water Services Project |
| 8.3.5 | 200mm | Tzaneen Dam | Babanana Water Project | Giyani Water Services Project |
| 8.3.6 | 250mm | Tzaneen Dam | Babanana Water Project | Giyani Water Services Project |
| 8.3.7 | 315mm | Tzaneen Dam | Babanana Water Project | Giyani Water Services Project |

|                 |                                       |                                     |                |                |
|-----------------|---------------------------------------|-------------------------------------|----------------|----------------|
|                 | <b>8.3 SG IRON FLANGED SCOUR TEES</b> |                                     |                |                |
|                 |                                       | <b>VHEMBE DISTRICT MUNICIPALITY</b> |                |                |
|                 |                                       |                                     |                |                |
| <b>Item No.</b> | <b>Description</b>                    | <b>Project</b>                      | <b>Project</b> | <b>Project</b> |

|        |       |                                     |                                   |                                       |
|--------|-------|-------------------------------------|-----------------------------------|---------------------------------------|
|        |       |                                     |                                   |                                       |
| 8.3.8  | 110mm | Nandoni Dam Remedial Action Project | Makhado Bulk Water Supply Project | Nzhelele Canal Rehabilitation Project |
| 8.3.9  | 125mm | Nandoni Dam Remedial Action Project | Makhado Bulk Water Supply Project | Nzhelele Canal Rehabilitation Project |
| 8.3.10 | 140mm | Nandoni Dam Remedial Action Project | Makhado Bulk Water Supply Project | Nzhelele Canal Rehabilitation Project |
| 8.3.11 | 160mm | Nandoni Dam Remedial Action Project | Makhado Bulk Water Supply Project | Nzhelele Canal Rehabilitation Project |
| 8.3.12 | 200mm | Nandoni Dam Remedial Action Project | Makhado Bulk Water Supply Project | Nzhelele Canal Rehabilitation Project |
| 8.3.13 | 250mm | Nandoni Dam Remedial Action Project | Makhado Bulk Water Supply Project | Nzhelele Canal Rehabilitation Project |
| 8.3.14 | 315mm | Nandoni Dam Remedial Action Project | Makhado Bulk Water Supply Project | Nzhelele Canal Rehabilitation Project |

|                 |                                       |                |                |                |
|-----------------|---------------------------------------|----------------|----------------|----------------|
|                 | <b>8.3 SG IRON FLANGED SCOUR TEES</b> |                |                |                |
|                 |                                       |                |                |                |
|                 |                                       |                |                |                |
| <b>Item No.</b> | <b>Description</b>                    | <b>Project</b> | <b>Project</b> | <b>Project</b> |

|        |       |                                 |                                  |                                 |
|--------|-------|---------------------------------|----------------------------------|---------------------------------|
|        |       |                                 |                                  |                                 |
| 8.3.15 | 110mm | Capricorn District Municipality | Sekhukhune District Municipality | Waterberg District Municipality |
| 8.3.16 | 125mm | Capricorn District Municipality | Sekhukhune District Municipality | Waterberg District Municipality |
| 8.3.17 | 140mm | Capricorn District Municipality | Sekhukhune District Municipality | Waterberg District Municipality |
| 8.3.18 | 160mm | Capricorn District Municipality | Sekhukhune District Municipality | Waterberg District Municipality |
| 8.3.19 | 200mm | Capricorn District Municipality | Sekhukhune District Municipality | Waterberg District Municipality |
| 8.3.20 | 250mm | Capricorn District Municipality | Sekhukhune District Municipality | Waterberg District Municipality |
| 8.3.21 | 315mm | Capricorn District Municipality | Sekhukhune District Municipality | Waterberg District Municipality |

|                 |                                    |                                     |                |                |
|-----------------|------------------------------------|-------------------------------------|----------------|----------------|
|                 | <b>8.4 SG IRON FLANGE ADAPTORS</b> |                                     |                |                |
|                 |                                    | <b>MOPANI DISTRICT MUNICIPALITY</b> |                |                |
|                 |                                    |                                     |                |                |
| <b>Item No.</b> | <b>Description</b>                 | <b>Project</b>                      | <b>Project</b> | <b>Project</b> |



|        |                             |             |                        |                               |
|--------|-----------------------------|-------------|------------------------|-------------------------------|
|        |                             |             |                        |                               |
|        | <b>Socket X Flange Size</b> |             |                        |                               |
| 8.4.1  | 50mm X 50mm                 | Tzaneen Dam | Babanana Water Project | Giyani Water Services Project |
| 8.4.2  | 63mm X 50mm                 | Tzaneen Dam | Babanana Water Project | Giyani Water Services Project |
| 8.4.3  | 75mm X 80mm                 | Tzaneen Dam | Babanana Water Project | Giyani Water Services Project |
| 8.4.4  | 90mm X 80mm                 | Tzaneen Dam | Babanana Water Project | Giyani Water Services Project |
| 8.4.5  | 110mm X 100mm               | Tzaneen Dam | Babanana Water Project | Giyani Water Services Project |
| 8.4.6  | 125mm X 125mm               | Tzaneen Dam | Babanana Water Project | Giyani Water Services Project |
| 8.4.7  | 140mm X 125mm               | Tzaneen Dam | Babanana Water Project | Giyani Water Services Project |
| 8.4.8  | 160mm X 150mm               | Tzaneen Dam | Babanana Water Project | Giyani Water Services Project |
| 8.4.9  | 200mm X 200mm               | Tzaneen Dam | Babanana Water Project | Giyani Water Services Project |
| 8.4.10 | 250mm X 250mm               | Tzaneen Dam | Babanana Water Project | Giyani Water Services Project |
| 8.4.11 | 315mm X 300mm               | Tzaneen Dam | Babanana Water Project | Giyani Water Services Project |

|                 |                                    |                                     |  |  |
|-----------------|------------------------------------|-------------------------------------|--|--|
|                 | <b>8.4 SG IRON FLANGE ADAPTORS</b> |                                     |  |  |
|                 |                                    | <b>VHEMBE DISTRICT MUNICIPALITY</b> |  |  |
|                 |                                    |                                     |  |  |
| <b>Item No.</b> | <b>Description</b>                 |                                     |  |  |

|        |                             |                                     |                                   |                                       |
|--------|-----------------------------|-------------------------------------|-----------------------------------|---------------------------------------|
|        |                             |                                     |                                   |                                       |
|        | <b>Socket X Flange Size</b> |                                     |                                   |                                       |
| 8.4.12 | 50mm X 50mm                 | Nandoni Dam Remedial Action Project | Makhado Bulk Water Supply Project | Nzhelele Canal Rehabilitation Project |
| 8.4.13 | 63mm X 50mm                 | Nandoni Dam Remedial Action Project | Makhado Bulk Water Supply Project | Nzhelele Canal Rehabilitation Project |
| 8.4.14 | 75mm X 80mm                 | Nandoni Dam Remedial Action Project | Makhado Bulk Water Supply Project | Nzhelele Canal Rehabilitation Project |
| 8.4.15 | 90mm X 80mm                 | Nandoni Dam Remedial Action Project | Makhado Bulk Water Supply Project | Nzhelele Canal Rehabilitation Project |
| 8.4.16 | 110mm X 100mm               | Nandoni Dam Remedial Action Project | Makhado Bulk Water Supply Project | Nzhelele Canal Rehabilitation Project |
| 8.4.17 | 125mm X 125mm               | Nandoni Dam Remedial Action Project | Makhado Bulk Water Supply Project | Nzhelele Canal Rehabilitation Project |
| 8.4.18 | 140mm X 125mm               | Nandoni Dam Remedial Action Project | Makhado Bulk Water Supply Project | Nzhelele Canal Rehabilitation Project |
| 8.4.19 | 160mm X 150mm               | Nandoni Dam Remedial Action Project | Makhado Bulk Water Supply Project | Nzhelele Canal Rehabilitation Project |
| 8.4.20 | 200mm X 200mm               | Nandoni Dam Remedial Action Project | Makhado Bulk Water Supply Project | Nzhelele Canal Rehabilitation Project |
| 8.4.21 | 250mm X 250mm               | Nandoni Dam Remedial Action Project | Makhado Bulk Water Supply Project | Nzhelele Canal Rehabilitation Project |
| 8.4.22 | 315mm X 300mm               | Nandoni Dam Remedial Action Project | Makhado Bulk Water Supply Project | Nzhelele Canal Rehabilitation Project |

|                 |                                    |                |                |                |
|-----------------|------------------------------------|----------------|----------------|----------------|
|                 | <b>8.4 SG IRON FLANGE ADAPTORS</b> |                |                |                |
|                 |                                    |                |                |                |
| <b>Item No.</b> | <b>Description</b>                 | <b>Project</b> | <b>Project</b> | <b>Project</b> |
|                 |                                    |                |                |                |

|        | <b>Socket X Flange Size</b> |                                 |                                  |                                 |
|--------|-----------------------------|---------------------------------|----------------------------------|---------------------------------|
| 8.4.23 | 50mm X 50mm                 | Capricorn District Municipality | Sekhukhune District Municipality | Waterberg District Municipality |
| 8.4.24 | 63mm X 50mm                 | Capricorn District Municipality | Sekhukhune District Municipality | Waterberg District Municipality |
| 8.4.25 | 75mm X 80mm                 | Capricorn District Municipality | Sekhukhune District Municipality | Waterberg District Municipality |
| 8.4.26 | 90mm X 80mm                 | Capricorn District Municipality | Sekhukhune District Municipality | Waterberg District Municipality |
| 8.4.27 | 110mm X 100mm               | Capricorn District Municipality | Sekhukhune District Municipality | Waterberg District Municipality |
| 8.4.28 | 125mm X 125mm               | Capricorn District Municipality | Sekhukhune District Municipality | Waterberg District Municipality |
| 8.4.29 | 140mm X 125mm               | Capricorn District Municipality | Sekhukhune District Municipality | Waterberg District Municipality |
| 8.4.30 | 160mm X 150mm               | Capricorn District Municipality | Sekhukhune District Municipality | Waterberg District Municipality |
| 8.4.31 | 200mm X 200mm               | Capricorn District Municipality | Sekhukhune District Municipality | Waterberg District Municipality |
| 8.4.32 | 250mm X 250mm               | Capricorn District Municipality | Sekhukhune District Municipality | Waterberg District Municipality |
| 8.4.33 | 315mm X 300mm               | Capricorn District Municipality | Sekhukhune District Municipality | Waterberg District Municipality |

Any enquiries regarding bidding procedures may be directed to

[bidenquirieswte@dws.gov.za](mailto:bidenquirieswte@dws.gov.za) **Or**

For technical or site information –

M. J. Mutshinya

[mutshinyaJ@dws.gov.za](mailto:mutshinyaJ@dws.gov.za) (During office hours)