

### **BID DOCUMENT**

| BID ERW202203/TNDR-003: APPOINTMENT OF SERVICE PROVIDER FOR THE SERVICING, REPAIRS AND MAINTENANCE OF ARCHEMEDES SCREW PUMPS ON ALL ERWAT PLANTS FOR A PERIOD OF THIRTY-SIX (36) MONTHS ON AN AD HOC 'AS AND WHEN REQUIRED' BASIS |  |  |  |  |  |  |  |
|---|--|--|--|--|--|--|--|
| COMPULSORY VIRTUAL BRIEIFING SESSION  | THURSDAY, 11 <sup>TH</sup> AUGUST 2022 AT 10H00                  |  |  |  |  |  |  |
| CLOSING DATE:   | FRIDAY, 02 <sup>ND</sup> SEPTEMBER 2022 AT 12:00                 |  |  |  |  |  |  |
| FULL NAME OF BIDDER   |  |  |  |  |  |  |  |
| CONTACT PERSON  |  |  |  |  |  |  |  |
| TEL NUMBER  |  |  |  |  |  |  |  |
| FAX NUMBER  |  |  |  |  |  |  |  |
| E-MAIL ADDRESS  |  |  |  |  |  |  |  |
| CENTRAL SUPPLIER  |  |  |  |  |  |  |  |
| DATABASE REG. NO  | M  |  |  |  |  |  |  |
| BIDDERS OFFER: Please r   | note that this is rates based tender. The contract is limited to |  |  |  |  |  |  |
| Purchase orders issued wit  | hin the available budget allocated for such on an as and when    |  |  |  |  |  |  |
| required basis.   |  |  |  |  |  |  |  |
|   |  |  |  |  |  |  |  |
|   | ERWAT STAMP  |  |  |  |  |  |  |
| Contractor Witness 1  | Witness 2 Employer Witness 1 Witness 2                           |  |  |  |  |  |  |

|          | INDEX   | PAGE<br>NO |  |  |  |  |
|----------|---|------------|--|--|--|--|
| ADVERTIS | EMENT   | 4 - 5      |  |  |  |  |
|          | SECTION 1: ADMINISTRATIVE COMPLIANCE  | 6-7        |  |  |  |  |
| MBD 1    | INVITATION TO BID   | 8-10       |  |  |  |  |
| MBD 2    | TAX COMPLIANCE STATUS   | 11-12      |  |  |  |  |
| MBD 3.2  | PRICING SCHEDULE - NON-FIRM PRICES  | 13-16      |  |  |  |  |
| MBD 4    | DECLARATION OF INTEREST   | 17-19      |  |  |  |  |
| MBD 5    | DECLARATION OF PROCUREMENT ABOVE R10 MILLION  | 20-21      |  |  |  |  |
| MBD 6.1  | PREFERENCE POINTS CLAIM   | 22-29      |  |  |  |  |
|          | PART A - SWORN AFFIDAVIT – B-BBEE EXEMPTED MICRO ENTERPRISE   | 28         |  |  |  |  |
|          | PART B - SWORN AFFIDAVIT – B-BBEE QUALIFYING SMALL ENTERPRISE   | 29         |  |  |  |  |
| MBD 6.2  | LOCAL CONTENT PRODUCTION  | 30-34      |  |  |  |  |
| MBD 8    | DECLARATION OF BIDDER'S PAST SUPPLY CHAIN MANAGEMENT PRACTICES  |            |  |  |  |  |
| MBD 9    | CERTIFICATE OF INDEPENDENT BID DETERMINATION  | 37-39      |  |  |  |  |
| FORM A   | MUNICIPAL SERVICES, RATES AND TAXES OR RENTAL AGREEMENT WITH LANDLORD  Copy of Municipal Statement not older than 3 months before date of closing of bid OR Letter from landlord stating that you are renting from his/her property OR a Copy of Lease agreement and Contact details.  Rates and taxes must not be in arrears for longer than 90 (ninety) days of date of closing of bid. |            |  |  |  |  |
| FORM B   | NATIONAL TREASURY CENTRALISED SUPPLIER DATABASE   | 41         |  |  |  |  |
| FORM C   | AUTHORITY OF SIGNATORY  | 42-44      |  |  |  |  |
| FORM D   | FINANCIAL REFERENCES /BIDDER'S CREDIT RATING AND BANK DETAILS   | 45         |  |  |  |  |
| FORM E   | RECORD OF ADDENDA TO TENDER DOCUMENTS   | 46         |  |  |  |  |
| FORM F   | CERTIFICTE OF AUTHORITY FOR SIGNATORY TO AGREEMENT IN TERMS OF OCCUPATIONAL HEALTH AND SAFETY ACT, 1993 (ACT NO 85 OF 1993)   |            |  |  |  |  |
| FORM G   | OCCUPATIONAL HEALTH AND SAFETY AGREEMENT  | 48         |  |  |  |  |
| FORM H   | CERTIFIED COPY OF ID DOCUMENTS OF OWNERS/MEMBERS/SHAREHOLDERS (SEE BIDDERS INFORMATION SECTION).  | 49         |  |  |  |  |
| FORM I   | CURRENT CERTIFICATE OF GOOD STANDING FROM COMPENSATION COMMISSIONER   | 50         |  |  |  |  |

|            |           |           | _ |          | _ |           |   |           |
|------------|-----------|-----------|---|----------|---|-----------|---|-----------|
|            |           |           |   |          |   |           |   |           |
|            |           |           |   |          |   |           |   |           |
|            |           |           |   |          |   |           |   |           |
|            |           |           |   |          |   |           | ] |           |
| Contractor | Witness 1 | Witness 2 |   | Employer |   | Witness 1 |   | Witness 2 |

| <b>ERW202203/TNDR-003:</b> APPOINTMENT OF SERVICE PROVIDER FOR THE SERVICING, REPAIRS AND MAINTENANCE OF ARCHEMEDES SCREW PUMPS ON ALL ERWAT PLANTS FOR A PERIOD OF THIRTY-SIX MONTHS ON AN AD HOC 'AS AND WHEN REQUIRED' BASIS | Page 3 of 146 |
|---|---------------|
|   |               |

| FORM J | PROGRAMME OF WORKS   | 51 |
|--------|--|----|
| FORM K | EXPERTISE OF THE KEY PERSONNEL   | 52 |
| FORM L | SPECIAL CONDITIONS OF CONTRACT   | 53 |
| FORM M | LETTER OF INTENT TO SUBMIT THIRD PARTY LIABILITY INSURANCE AND ALL RISK CONTRACTORS INSURANCE TO COVER THIS CONTRACT | 54 |
| FORM N | COPY OF COMPANY REGISTRATION DOCUMENTS   | 55 |
| FORM O | AUDITED FINANCIAL STATEMENTS FOR THE PAST THREE FINANCIAL YEARS ON CONTRACTS OVER R10 M VALUE                        | 56 |

|     | SECTION 2 – SCOPE OF WORKS AND PRICING   | 57      |
|-----|--|---------|
| 2.1 | SCOPE OF WORKS/SPECIFICATIONS  | 58-68   |
| 2.2 | EVALUATION CRITERIA  | 69-74   |
| 2.3 | PRICING SCHEDULE/BILL OF QUANTITIES  | 75-104  |
| 2.4 | LIST OF IMPORTED ITEMS   | 105     |
| 2.5 | ALTERNATIVES OFFERED   | 106     |
| 2.6 | SITE INFORMATION   | 107-108 |
| 2.7 | ANNEXURES (Materials, standard equipment and workmanship/Mechanical & Electrical equipment/Surface and corrosion protection specs/OHS specs) | 109-113 |

|     | SECTION 3 – CONTRACT DOCUMENTS  | 114     |
|-----|---|---------|
| 3.1 | STANDARD CONDITIONS OF BIDDING  | 115-121 |
| 3.2 | FORM OF OFFER AND ACCEPTANCE  | 122-123 |
| 3.3 | SCHEDULE OF DEVIATIONS  | 124-125 |
| 3.4 | MBD 7.1: CONTRACT FORM – GOODS/WORKS:   | 126     |
|     | PART A: TO BE COMPLETED BY THE BIDDER   | 126     |
|     | PART B: TO BE COMPLETED BY EKURHULENI WATER CARE COMPANY  | 127     |
| 3.5 | OCCUPATIONAL HEALTH AND SAFETY AGREEMENT IN TERMS OF THE OCCUPATIONAL HEALTH AND SAFETY ACT, 1993 (ACT NO 85 OF 1993) | 128-130 |
| 3.6 | PERFORMANCE MANAGEMENT SYSTEM: DRAFT PMS  | 131     |
| 3.7 | INDEMNITY FORM  | 132     |
| 3.8 | SPECIAL CONDITIONS OF CONTRACT  | 133     |
| 3.9 | GENERAL CONDITIONS OF CONTRACT  | 134-146 |

|            |           |           |          |           | _ |           |
|------------|-----------|-----------|----------|-----------|---|-----------|
|            |           |           |          |           | 1 |           |
|            |           |           |          |           |   |           |
|            |           |           |          |           |   |           |
|            |           |           |          |           |   |           |
| Contractor | Witness 1 | Witness 2 | Employer | Witness 1 |   | Witness 2 |



### 1.1 BID NOTICE: ADVERTISEMENT

| Bid Description   | Contact Person                       | Compulsory Virtual<br>Briefing Session Date   | Closing Date & Time                                       |
|---|--------------------------------------|---|---|
| BID ERW202203/TNDR-003: APPOINTMENT OF SERVICE PROVIDER FOR THE SERVICING, REPAIRS AND MAINTENANCE OF ARCHEMEDES SCREW PUMPS ON ALL ERWAT PLANTS FOR A PERIOD OF THIRTY-SIX (36) MONTHS ON AN AD HOC 'AS AND WHEN REQUIRED' BASIS | Mr Siviwe Bunge<br>/ Mr Billy Hilder | THURSDAY, 11 <sup>TH</sup> AUGUST 2022 AT <b>10:00</b> Please register online to attend the zoom meeting. | FRIDAY, 2 <sup>ND</sup><br>AUGUST 2022<br>AT <b>12:00</b> |

BID documents may be purchased at ERWAT Head Office, Hartebeestfontein Office Park, R25 (Bapsfontein/Bronkhorstspruit), Kempton Park at a non-refundable fee of **R250** including VAT per BID document during office hours from 08h00 -13h00 and 14h00 -16h00 weekdays. The documents are usually available the Monday following the date of advertising or five days prior to the briefing as well on the compulsory virtual briefing meeting scheduled for <u>THURSDAY</u>, <u>11 AUGUST 2022 @ 10H00</u>.

A Compulsory clarification/briefing session with the representative of the employer will be held via Zoom. Kindly visit the ERWAT tender portal for the link:

### Zoom link: https://erwat-za.zoom.us/meeting/register/tJYudu2vrDqsE9F1HIYE2hNhQZDItNUkbZVE

Bidders are encouraged to collect bidding documents before the briefing session to allow them sufficient time to peruse the scope so that any queries can be dealt with at the briefing session. Bidders will be allowed 4 days from the date of the compulsory briefing session to direct further queries to the technical or SCM department per e-mail. An addendum will be sent to the attending bidders with clarity on questions raised during these 4 days. A copy of the minutes and attendance register will be attached thereto for ease reference.

<u>Please note</u>: this is a <u>compulsory briefing session</u> and no bids will be accepted if the bidder has not attended this session and documents will only be accepted from contractors whose names appear on the attendance register. Kindly note that the company representative that attends this session will be accepted as a person with the relevant technical expertise applicable to this bid.

All tender documents must be submitted on the official forms – (**not to be re-typed**). Bid documents completed in ink must be place in a sealed envelope clearly marked: **BID ERW202203/TNDR-003:** and must be placed in the correct Tender Box situated at ERWAT Head Office, Hartebeestfontein Office Park, R25 (Bapsfontein/ Bronkhorstspruit), Kempton Park, not later than **12H00 on FRIDAY, 02 SEPTEMBER 2022** at which hour and date the BIDS will be opened in public. BIDS shall remain valid for the period of days as indicated in the bid document from date of closing.

|            |           |           |   |          |   |           |           | 1 |
|------------|-----------|-----------|---|----------|---|-----------|-----------|---|
|            |           |           |   |          |   |           |           |   |
| Contractor | Witness 1 | Witness 2 | 1 | Employer | I | Witness 1 | Witness 2 | 1 |

Page 5 of 146

All SCM Enquiries shall be addressed to: Ms Phumzile Mdlalose at 011 929 7000 or <a href="mailto:public.tenders@erwat.co.za">public.tenders@erwat.co.za</a>. All Technical Enquiries shall be addressed to: Mr. Siviwe Bunge at 011 929 7091 or <a href="mailto:siviwe.bunge@erwat.co.za">siviwe.bunge@erwat.co.za</a> or Mr. Billy Hilder at 011 929 7000 or <a href="mailto:billy-hilder@erwat.co.za">billy-hilder@erwat.co.za</a> Bids will be evaluated in terms of ERWAT' Supply Chain Management Policy, the MFMA SCM Regulations, the Preferential Procurement Policy Framework Act and its Regulations, 2017, the General Condition of Contract (GCC) and, if applicable, any other special conditions of contract.

Bids will be evaluated in terms of ERWAT' Supply Chain Management Policy, the MFMA SCM Regulations, the Preferential Procurement Policy Framework Act and its Regulations, 2017, the General Condition of Contract (GCC) and, if applicable, any other special conditions of contract.

In event of any contradiction between the GCC or any other applicable contractual agreement, the Municipal Financial Management Act and its applicable regulations will take precedence.

NB: NO BIDS WILL BE CONSIDERED FROM PERSONS IN THE SERVICE OF THE STATE (as defined in Regulation 44 of the Local Government: Municipal Supply Chain Management Regulations).

ERWAT accepts no responsibility for bidders accessing the tender notices from other sites/sources other than the newspapers used, its website (<a href="www.erwat.co.za/procurement">www.erwat.co.za/procurement</a>) and the National Treasury's e-tender portal (<a href="www.etenders.gov.za">www.etenders.gov.za</a>).

29 July 2022 (date of advert on website and in media)

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



### **SECTION 1: ADMINISTRATIVE COMLIANCE**

### LIST OF RETURNABLE DOCUMENTS

- 1. Failure to fully complete and sign the relevant returnable documents shall render such a Tender offer unresponsive.
- 2. Bidders shall note that their signatures appended to each returnable form represents a declaration that they vouch for the accuracy and correctness of the information provided, including the information provided by candidates proposed for the specified key positions.
- 3. Notwithstanding any check or audit conducted by or on behalf of the Employer, the information provided in the returnable documents is accepted in good faith and as justification for entering into a contract with a Bidder. If subsequently any information is found to be incorrect such discovery shall be taken as wilful misrepresentation by that Bidder to induce the contract. In such event the Employer has the discretionary right to terminate the contract.
- 4. The Bidder must complete and sign the following returnable Schedules:

### Failure to comply with these requirements may render the tender liable for disqualification.

|         | Please ensure that the following supporting documents are attached to your Bid Document. Failure to submit the below mentioned documents will result in disqualification of your bid. | To be completed by the Bidder: Please fill in Yes or No if proof and/or documents are attached | or No if proof and/or document |
|---------|---|--|--------------------------------|
| MBD 1   | INVITATION TO BID   |  |                                |
| MBD 2   | TAX CLEARANCE REQUIREMENTS  |  |                                |
| MBD 3.2 | PRICING STRUCTURE: NON-FIRM PRICES  |  |                                |
| MBD 4   | DECLARATION OF INTEREST   |  |                                |
| MBD 5   | DECLARATION OF PROCUREMENT ABOVE R10 MILLION  |  |                                |
| MBD 6.1 | PREFERENCE SCHEDULE   |  |                                |
| MBD 6.2 | LOCAL CONTENT PRODUCTION  |  |                                |
| MBD 7.1 | PART 1: CONTRACT FORM: PURCHASE OF GOODS/SERVICES (TO BE COMPLETED BY THE BIDDER)   |  |                                |
|         | PART 2: TO BE COMPLETED BY ERWAT (THE EMPLOYER)   |  |                                |

|            |           |           | •        | ′         |           |
|------------|-----------|-----------|----------|-----------|-----------|
|            |           |           |          |           |           |
|            |           |           |          |           |           |
| Contractor | Witness 1 | Witness 2 | Employer | Witness 1 | Witness 2 |

Page 7 of 146

| MBD 8  | DECLARATION OF BIDDER'S PAST SUPPLY CHAIN MANAGEMENT PRACTICES   |  |
|--------|--|--|
| MBD 9  | CERTIFICATE OF INDEPENDENT BID DETERMINATION   |  |
| FORM A | MUNICIPAL SERVICES, RATES AND TAXES OR RENTAL AGREEMENT WITH LANDLORD: Copy of Municipal Statement not older than 3 months before date of closing of bid OR Letter from landlord stating that you are renting from his/her property OR a Copy of Lease agreement and Contact details. Rates and taxes must not be in arrears for longer than 90 (ninety) days of date of closing of bid. |  |
| FORM B | NATIONAL TREASURY CENTRALISED SUPPLIER DATABASE  |  |
| FORM C | AUTHORITY OF SIGNATORY   |  |
| FORM D | FINANCIAL REFERENCES /BIDDER'S CREDIT RATING AND BANK DETAILS  |  |
| FORM E | RECORD OF ADDENDA TO TENDER DOCUMENTS  |  |
| FORM F | CERTIFICTE OF AUTHORITY FOR SIGNATORY TO<br>AGREEMENT IN TERMS OF OCCUPATIONAL HEALTH AND<br>SAFETY ACT, 1993 (ACT NO 85 OF 1993)  |  |
| FORM G | OCCUPATIONAL HEALTH AND SAFETY AGREEMENT   |  |
| FORM H | Certified Copy of ID documents of owners/members/shareholders (see Bidders Information Section).   |  |
| FORM I | Current Certificate of Good Standing from Compensation Commissioner  |  |
| FORM J | Program of Works/Services  |  |
| FORM K | Expertise of the Key Personnel   |  |
| FORM L | SANS/SABS/ISO Certification or TQM certification or other certificates required in terms of the regulatory authority as set out in the special conditions of contract  |  |
| FORM M | Letter of intent to submit Third Party Liability Insurance and All risk contractors insurance to cover this contract   |  |
| FORM N | Copy of Company Registration Documents   |  |
| FORM O | Audited Financial Statements for the past three financial years on contracts over R10 m value  |  |

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

MBD<sub>1</sub>

### **INVITATION TO BID**

YOU ARE HEREBY INVITED TO SUBMIT AN OFFER FOR BID ERW202203/TNDR-003: APPOINTMENT OF SERVICE PROVIDER FOR THE SERVICING, REPAIRS AND MAINTENANCE OF ARCHEMEDES SCREW PUMPS ON ALL ERWAT PLANTS FOR A PERIOD OF THIRTY SIX MONTHS ON AN AD HOC 'AS AND WHEN REQUIRED' BASIS

CLOSING DATE: FRIDAY, 02 AUGUST 2022 AT 12:00

The successful bidder will be required to fill in and sign a written Contract Form (MBD7).

Completed Tender documents with attached documents, if any, must be completed in Ink and submitted in a sealed envelope and clearly marked **BID ERW202203/TNDR-003:** to be placed in Tender Box at ERWAT Head Office, Hartebeestfontein Office Park, R25 (Bapsfontein / Bronkhorstspruit), Kempton Park.

Bidders should ensure that bids are in the tender box at the closing time and date, including couriered documents. Any late documents will not be accepted for consideration.

The box is generally open during office hours: 07:00 – 17:00 Mondays to Fridays.

N.B.: Bidders must ensure that they submit the full bidding document with all the pages, all requested information completed and signed, including all supporting documents in the areas provided.

All bids must be submitted on the official forms – (not to be re-typed). Failure to complete the document in full may result in disqualification.

Bids completed in pencil, re-typed or where correction tape/fluid is used will be regarded as invalid bids.

THIS BID IS SUBJECT TO THE GENERAL CONDITIONS OF CONTRACT (GCC) AND, IF APPLICABLE, ANY OTHER SPECIAL CONDITIONS OF CONTRACT

THIS BID WILL BE EVALUATED AND ADJUDICATED ACCORDING TO THE FOLLOWING CRITERIA:

- 1. Relevant specifications and technical proposals
- 2. Value for money
- 3. Capability to execute the contract
- 4. PPPFA & related regulations (including BBBEE)
- 5. Standard conditions of bidding
- 6. Special conditions of contract
- 7. General conditions of contract
- 8. Supporting documents where required

NB: NO BIDS WILL BE CONSIDERED FROM PERSONS IN THE SERVICE OF THE STATE (see definition on MBD 4 attached)

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

# THE FOLLOWING PARTICULARS MUST BE FURNISHED (FAILURE TO DO SO MAY RESULT IN YOUR BID BEING DISQUALIFIED)

In the case of a Joint Venture – This page is to be completed and submitted in respect of each partner

| NAME OF ENTERPRIS  | SE .  |          |                |          |                    |         |     |        |       |  |
|--|---|----------|----------------|----------|--------------------|---------|-----|--------|-------|--|
| PHYSICAL ADDRESS:  |   |          |                |          |                    |         |     |        |       |  |
| POSTAL ADDRESS:  |   |          |                |          |                    |         |     |        |       |  |
| CONTACT PERSON   |   |          |                |          |                    |         |     |        |       |  |
| TEL NO:  |   |          | CELL NO:       |          |                    |         |     |        |       |  |
| FAX NO:  |   |          | EMAIL:         |          |                    |         |     |        |       |  |
| COMPANY REGISTRA   | TION NUMBE                                  | R:       |                |          |                    |         |     |        |       |  |
| VAT NUMBER:  |   |          | TAX REF N      | JMBER:   |                    |         |     |        |       |  |
| CENTRALISED SUPPL  | IER DATABA                                  | SE (CSD) | NUMBER:        | MA       | \AA                |         |     |        |       |  |
| CIDB REGISTRATION  | NUMBER                                      |          |                |          |                    |         |     |        |       |  |
| CIDB GRADING   |   |          |                |          |                    |         |     |        |       |  |
| ERWAT VENDOR NUM   | IBER (NOT C                                 | OMPULSO  | DRY):          |          |                    |         |     |        |       |  |
| BIDDERS OFFER: Ple issued within the avai  |   |          |                |          |                    |         |     | hase o | rders |  |
| TOTAL NUMBER OF I  | TEMS OFFER                                  | ĒD       |                |          |                    |         |     |        |       |  |
| * PREFERENCE POIN<br>AS PER FORM MBD 6   |   |          | E RATING<br>L] |          | B-BBEE<br>FICATE A | TTACHED | Yes |        | No    |  |
| ARE YOU THE ACCRE  |   |          | IVE IN SOUTH   | I AFRICA | FOR TH             | IE      | Yes |        | No    |  |
| DISABLED [%  | 6] WO                                       | MEN [    | %]             | YOU      | JTH [              | %]      |     |        |       |  |
| *IF YES, WHO WAS   | *IF YES, WHO WAS THE CERTIFICATE ISSUED BY? |          |                |          |                    |         |     |        |       |  |
| A VERIFICATION A<br>NATIONAL ACCRE<br>A REGISTERED AI<br>A SWORN AFFIDA<br>(tick applicable block) | EDITATION S<br>JDITOR<br>VIT                |          |                | OUTH A   | FRICAN             |         |     |        |       |  |
|  |   |          |                |          |                    |         |     |        |       |  |

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

# (A B-BBEE STATUS LEVEL VERIFICATION CERTIFICATE OR SWORN AFFIDAVIT (SEE MBD6.1) MUST BE SUBMITTED IN ORDER TO QUALIFY FOR PREFERENCE POINTS FOR B-BBEE)

### ARE YOU THE ACCREDITED REPRESENTATIVE IN SOUTH AFRICA FOR THE GOODS/ SERVICES/ WORKS OFFERED?

| YES     |            | NO   |                 |
|---------|------------|--|-----------------|
| NAME AN | ID SURNAM  | E:   |                 |
| SIGNATU | RE OF BIDE | DER:   |                 |
| CAPACIT | Y UNDER W  | /HICH THIS BID IS SIGNED:                            |                 |
| DATE:   |            |  |                 |
| ANY ENC |            | GARDING THE BIDDING PROCEDURE AND TECHNICAL INFO     | ORMATION MAY BE |
| SUPPLY  | CHAIN BIDE | DING PROCEDURES:                                     |                 |
| CONTAC  | T PERSON:  | Phumzile Mdlalose / Brenda Matlala                   |                 |
| CONTAC  | T DETAILS: | (TEL) 011 929 7000                                   |                 |
| E-MAIL: |            | public.tenders@erwat.co.za                           |                 |
| TECHNIC | AL QUERIE  | S MAY BE DIRECTED TO:                                |                 |
| CONTAC  | T PERSON:  | Mr Siviwe Bunge / Mr Billy Hilder                    |                 |
| CONTAC  | T DETAILS: | (TEL) <u>011929 7000 / 073 838 8687</u>              |                 |
| E-MAIL: |            | siviwe.bunge@erwat.co.za<br>billy.hilder@erwat.co.za |                 |
|         |            |  |                 |
|         |            |  |                 |
|         |            |  |                 |
|         |            |  |                 |
|         |            |  |                 |

Employer

MBD 2

### TAX CLEARANCE CERTIFICATE REQUIREMENTS

It is a condition of bid that the taxes of the successful bidder <u>must</u> be in order, or that satisfactory arrangements have been made with South African Revenue Service (SARS) to meet the bidder's tax obligations.

### **NEED A TAX CLEARANCE? GO ONLINE**

- Electronically request your Tax Compliance Status which will include a unique PIN which you can
  provide to any third party (if requested) to enable them to verify your tax compliance status online via
  e-Filing.
- Request a TCC via e-filing which will give you the option to print the TCC.
- Or request a TCC at a SARS branch where a SARS agent will be able to print or e-mail the TCC to you.
- To register for e-filing go to: www.sarsefiling.co.za

A tax compliant status is a holistic view of your tax compliance level across all your registered tax types.

### Is your tax compliance status green?

- Ensure all tax returns are submitted
- No outstanding debt owed to SARS
- SARS has been notified of any change of residential or business address
- Your business is registered for all required tax types e.g. PAYE, VAT, income tax.

Check your tax compliance status by logging onto your e-filing profile and viewing your "my compliance Profile" and rectify any non-compliance.

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

### THIRD PARTY AUTHORISATION TO VIEW BIDDER TCS:

To assist with the evaluation process of your bid we require your consent to check your SARS tax compliance via e-filing. Kindly complete the table below authorising ERWAT to check TCC for tender purposes only.

| TCS Details                  |  |
|------------------------------|--|
| 100 Dotails                  |  |
| Tax payer name               |  |
| Trading Name                 |  |
| Purpose of request           | TENDER   |
| Request Reference number     |  |
| PIN                          |  |
| PIN EXPIRY DATE              |  |
| Note: Bidders may attach the | ir Tax compliance status printout to the bidding document. |
| l,in r                       | ny capacity as duly appointed as authorised                |
|                              |  |
| NAME AND SURNAME             | DESIGNATION  |
|                              | DESIGNATION SIGNATURE                                      |
| NAME AND SURNAME             |  |

**MBD 3.2** 

# PRICING SCHEDULE - NON-FIRM PRICES (PURCHASES)

NOTE: PRICE ADJUSTMENTS WILL BE ALLOWED AT THE PERIODS AND TIMES SPECIFIED IN THE BIDDING DOCUMENTS.

IN CASES WHERE DIFFERENT DELIVERY POINTS INFLUENCE THE PRICING, A SEPARATE PRICING SCHEDULE MUST BE SUBMITTED FOR EACH DELIVERY POINT

| Nam           | e of Bidder  | -               |  |
|---------------|--|-----------------|--|
| Bid ı         | number ERW202203/TNDR-003  |                 |  |
| Clos          | ing Time <u>12:00</u>  | Closing Date:   | FRIDAY, 02 <sup>ND</sup> AUGUST 2022               |
| OFFEI<br>BID. | R TO BE VALID FOR 120 (ONE HUNDERED A  | ND TWENTY) D    | PAYS FROM THE CLOSING DATE OF                      |
| TEM<br>NO.    | QUANTITY DESCRIPTION   | **(             | E IN RSA CURRENCY<br>ALL APPLICABLE TAXES INCUDED) |
|               | Required by:   |                 |  |
| -             | At:  |                 |  |
|               | Brand and model  |                 |  |
|               | Country of origin  |                 |  |
| -             | Does the offer comply with the specification(s)  | ?               | *YES/NO  |
|               | If not to specification, indicate deviation(s)   |                 |  |
|               | Period required for delivery   |                 |  |
|               | Delivery:  |                 | *Firm/Not firm                                     |
|               | applicable taxes" includes value- added tax, pa<br>ontributions and skills development levies. | ay as you earn, | income tax, unemployment insurance                 |
| 'Delete       | e if not applicable  |                 |  |
| Con           | ntractor Witness 1 Witness 2   | Employer        | Witness 1 Witness 2                                |

**MBD 3.2** 

### **PRICE ADJUSTMENTS**

#### Α **NON-FIRM PRICES SUBJECT TO ESCALATION**

- IN CASES OF PERIOD CONTRACTS, NON FIRM PRICES WILL BE ADJUSTED (LOADED) WITH THE 1. ASSESSED CONTRACT PRICE ADJUSTMENTS IMPLICIT IN NON FIRM PRICES WHEN CALCULATING THE **COMPARATIVE PRICES**
- 2. IN THIS CATEGORY PRICE ESCALATIONS WILL ONLY BE CONSIDERED IN TERMS OF THE FOLLOWING

|     | FORMULA:   |
|-----|--|
|     | $Pa = (1 - V)Pt \left(D1\frac{R1t}{R1o} + D2\frac{R2t}{R2o} + D3\frac{R3t}{R3o} + D4\frac{R4t}{R4o}\right) + VPt$  |
|     | Where:   |
| 3.  | Pa = The new escalated price to be calculated.  (1-V) Pt = 85% of the original bid price. Note that Pt must always be the original bid price and not an escalated price.  D1, D2 = Each factor of the bid price e.g. labour, transport, clothing, footwear, etc. The of the various factors D1,D2etc. must add up to 100%.  R1t, R2t = Index figure obtained from new index (depends on the number of factors used).  R1o, R2o = Index figure at time of bidding.  VPt = 15% of the original bid price. This portion of the bid price remains firm i.e. it is not subject to any price escalations.  The following index/indices must be used to calculate your bid price: |
|     | Index: USD as at date of closing of tender:  |
|     | Index: ZAR as at date of closing of tender:  |
|     | Index: EURO as at date of closing of tender:   |
|     | Index: Other as at date of closing of tender:  |
| 4.  | FURNISH A BREAKDOWN OF YOUR PRICE IN TERMS OF ABOVE-MENTIONED FORMULA. THE TOTAL OF THE VARIOUS FACTORS MUST ADD UP TO 100%.   |
| (D1 | FACTOR D2 etc. e.g. Labour, transport etc.)  PERCENTAGE OF BID PRICE   |
|     |  |
|     |  |
|     |  |
|     |  |
|     |  |
|     |  |
|     | Contractor Witness 1 Witness 2 Employer Witness 1 Witness 2  |

**MBD 3.2** 

### B PRICES SUBJECT TO RATE OF EXCHANGE VARIATIONS

1. Please furnish full particulars of your financial institution, state the currencies used in the conversion of the prices of the items to South African currency, which portion of the price is subject to rate of exchange variations and the amounts remitted abroad.

| PARTICULARS OF FINANCIAL<br>INSTITUTION | ITEM NO | PRICE | CURRENCY | RATE | PORTION<br>OF PRICE<br>SUBJECT<br>TO ROE | AMOUNT IN<br>FOREIGN<br>CURRENCY<br>REMITTED<br>ABROAD |
|---|---------|-------|----------|------|--|--|
|   |         |       |          | ZAR= |  |  |
|   |         |       |          | ZAR= |  |  |
|   |         |       |          | ZAR= |  |  |
|   |         |       |          | ZAR= |  |  |
|   |         |       |          | ZAR= |  |  |
|   |         |       |          | ZAR= |  |  |

Adjustments for rate of exchange variations during the contract period will be calculated by using the average monthly exchange rates as issued by your commercial bank for the periods indicated hereunder: (Proof from bank required)

|                                | DATE              | DATE FROM WHICH  | DATE UNTIL WHICH |
|--------------------------------|-------------------|------------------|------------------|
| AVERAGE MONTHLY EXCHANGE RATES | DOCUMENTATION     | NEW CALCULATED   | NEW CALCULATED   |
| FOR THE PERIOD:                | MUST BE SUBMITTED | PRICES WILL      | PRICE WILL BE    |
|                                | TO THIS OFFICE    | BECOME EFFECTIVE | EFFECTIVE        |
|                                |                   |                  |                  |
|                                |                   |                  |                  |
|                                |                   |                  |                  |
|                                |                   |                  |                  |
|                                |                   |                  |                  |
|                                |                   |                  |                  |

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

MBD 4

### **DECLARATION OF INTEREST**

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

| Identity   | Number:                      |       |              |         |         |         |       |        |        |         |    |        |         |           |
|------------|------------------------------|-------|--------------|---------|---------|---------|-------|--------|--------|---------|----|--------|---------|-----------|
| Positio    | n occupied                   | in th | e Co         | mpan    | y (dire | ctor, t | ruste | ee, sh | areho  | lder²): | :  |        |         |           |
| Compa      | ny Registra                  | ation | Num          | ber: _  |         |         |       |        |        |         |    | _      |         |           |
| Tax Re     | eference Nu                  | umbe  | er:          |         |         |         |       |        |        |         |    |        |         |           |
| VAT R      | egistration                  | Num   | ber:         |         |         |         |       |        |        |         |    |        |         |           |
|            | imes of all<br>ate employe   |       |              |         |         |         |       |        |        |         |    | ividua | l ident | tity numb |
|            |                              |       |              |         |         |         |       |        |        |         |    |        |         |           |
|            | u presently<br>urnish partio | cular | S.           |         |         |         |       |        |        |         |    |        |         | YES / N   |
| If so, f   | urnish partio                | cular | S.           |         |         |         |       |        |        |         |    | _      |         | YES / N   |
| If so, for | urnish partio                | cular | s.<br>ervice |         |         |         |       |        |        |         |    | _      |         |           |
| If so, for | ou been in turnish partic    | the s | ervices.     | e of th | e stat  |         | he p  | ast tw | elve r | nonth   | s? | _      |         | YES / N   |
| If so, for | ou been in turnish partic    | the s | ervices.     | e of th | e stat  | e for t | he p  | ast tw | elve r | nonth   | s? | _      |         |           |

| 4.10 | Do you have any relationship (family, friend, other) with persons in the service of the state and who may be involved with the evaluation and or adjudication of this bid?  If so, furnish particulars.                               | YES / NO                          |
|------|---|-----------------------------------|
| 4.11 | Are you, aware of any relationship (family, friend, other) between any other bidder and any persons in the service of the state who may be involved with the evaluation and or adjudication of this bid?  If so, furnish particulars. | YES / NO                          |
| 4.12 | Are any of the company's directors, trustees, managers, principle sharehol in service of the state?  If so, furnish particulars.  | ders or stakeholders YES / NO     |
| 4.13 | Are any spouse, child or parent of the company's directors, trustees shareholders or stakeholders in service of the state?  If so, furnish particulars.   | , managers, principle<br>YES / NO |
| 4.14 | Do you or any of the directors, trustees, managers, principle shareholde this company have any interest in any other related companies or busines are bidding for this contract.  If so, furnish particulars.                         |                                   |
|      |   |                                   |

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

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

|  | FULL NAME   | IDENTITY NUMBER  | STATE<br>EMPLOYEE<br>NUMBER             |
|--|---|--|---|
|  |   |  |   |
|  |   |  |   |
|  |   |  |   |
|  |   |  |   |
|  |   |  |   |
|  |   |  |   |
|  |   |  |   |
|  |   |  |   |
|  |   |  |   |
| 1 MSCM Re                                  | egulations: "in the service of the state" means to be –   |  |   |
| (a) (b) (c) (d) (e) (f) <sup>2</sup> Share | A member of —  - any municipal council/entity; - any provincial legislature; or - the national Assembly or the national Council of part a member of the board of directors of any municipal entity; an employee of any national or provincial department, of the public Finance Management Act, 1999 (Act Notan executive member of the accounting authority of an an employee of Parliament or a provincial legislature. | ntity;<br>national or provincial public entity or constitution<br>1 of 1999);<br>ny national or provincial public entity; or |   |
|  | ses control over the company.   | ,  | , |
|  |   | <u> </u>   |   |
| I, THE U<br>CERTIF                         | NDERSIGNED (NAME)   | D ON THIS DECLARATION FOR  | M IS CORRECT.                           |
| I ACCEF<br>FALSE.                          | PT THAT THE STATE MAY ACT AGAIN   | ST ME SHOULD THIS DECLAR   | ATION PROVE TO B                        |
| SIGNAT                                     | URE   | DATE   |   |
| POSITIC                                    | DN .  | NAME OF BIDDER   |   |
|  |   |  |   |

MBD 5

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

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

| the foll | lowing questionnaire:  te if not applicable                                  |
|----------|--|
| 1        | Are you by law required to prepare annual financial statements for auditing? |

|               |   | *YES/NO       |
|---------------|---|---------------|
| 1.1<br>establ | If yes, submit audited annual financial statements for the past three years or since lishment if established during the past three years.   | the date of   |
|               |   |               |
| 2             | Do you have any outstanding undisputed commitments for municipal services municipality for more than three months or any other service provider in respect of which overdue for more than 30 days?                    |               |
| 2.1           | If no, this serves to certify that the bidder has no undisputed commitments for munic towards any municipality for more than three months or other service provider in resp payment is overdue for more than 30 days. | ipal services |
| 2.2           | If yes, provide particulars.  |               |
|               |   |               |
|               |   |               |
| 3             | Has any contract been awarded to you by an organ of state during the past five year particulars of any material non-compliance or dispute concerning the execution of such  |               |
|               | 3.1 If yes, furnish particulars   |               |
|               | -   |               |
|               | Will any portion of goods or services be sourced from outside the Republic, and, if so, what whether any portion of payment from the municipality / municipal entity is expected to b out of the Republic?            |               |
| 2.1           | If yes, furnish particulars   | *YES / NO     |
|               |   |               |
| Co            | ontractor Witness 1 Witness 2 Employer Witness 1 Witness 1 Witness 2  | ess 2         |

|                                       | CERTIFICATION                                    |
|---------------------------------------|--|
| I, THE UNDERSIGNED (NAME)             |  |
| CERTIFY THAT THE INFORMATION          | N FURNISHED ON THIS DECLARATION FORM IS CORRECT. |
| I ACCEPT THAT THE STATE MAY<br>FALSE. | ACT AGAINST ME SHOULD THIS DECLARATION PROVE TO  |
| SIGNATURE                             | DATE   |
| POSITION                              | NAME OF BIDDER                                   |
|                                       |  |
|                                       |  |
|                                       |  |
|                                       |  |
|                                       |  |
|                                       |  |
|                                       |  |
|                                       |  |

Witness 2

Employer

Contractor

Witness 1

Witness 1

Witness 2

**MBD 6.1** 

### PREFERENCE POINTS CLAIM FORM IN TERMS OF THE PREFERENTIAL PROCUREMENT REGULATIONS 2017

This preference form must form part of all bids invited. It contains general information and serves as a claim form for preference points for Broad-Based Black Economic Empowerment (B-BBEE) Status Level of Contribution

NB: BEFORE COMPLETING THIS FORM, BIDDERS MUST STUDY THE GENERAL CONDITIONS, DEFINITIONS AND DIRECTIVES APPLICABLE IN RESPECT OF B-BBEE, AS PRESCRIBED IN THE PREFERENTIAL PROCUREMENT REGULATIONS, 2017.

### 1. GENERAL CONDITIONS

- 1.1 The following preference point systems are applicable to all bids:
  - the 80/20 system for requirements with a Rand value below R50 000 000 (all applicable taxes included).
  - the 90/10 system for requirements with a Rand value above R50 000 000 (all applicable taxes included).
- 1.2 The value of this bid is estimated to exceed R50 000 000 (all applicable taxes included) and 90/10 preference point system shall be applicable to this tender.
- 1.3 Preference points for this bid shall be awarded for:
  - (a) Price; and
  - (b) B-BBEE Status Level of Contribution.
- 1.4 The maximum points for this bid are allocated as follows:

| POINTS  |     |  |  |  |  |
|---|-----|--|--|--|--|
| PRICE   | 90  |  |  |  |  |
| B-BBEE STATUS LEVEL OF CONTRIBUTION               | 10  |  |  |  |  |
| Total points for Price and B-BBEE must not exceed | 100 |  |  |  |  |

- 1.5 Failure on the part of a bidder to submit proof of B-BBEE Status level of contributor together with the bid, will be interpreted to mean that preference points for B-BBEE status level of contribution are not claimed.
- 1.6 The purchaser reserves the right to require of a bidder, either before a bid is adjudicated or at any time subsequently, to substantiate any claim in regard to preferences, in any manner required by the purchaser.

### 2. **DEFINITIONS**

| (a) | "B-BBEE"  | means    | broad-based  | black | economic   | empowerment | as | defined | in section | 1 | of the |
|-----|-----------|----------|--------------|-------|------------|-------------|----|---------|------------|---|--------|
|     | Broad-Bas | ed Black | k Economic E | mpow  | erment Act | ,           |    |         |            |   |        |

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

- (b) "B-BBEE status level of contributor" means the B-BBEE status of an entity in terms of a code of good practice on black economic empowerment, issued in terms of section 9(1) of the Broad-Based Black Economic Empowerment Act;
- (c) "bid" means a written offer in a prescribed or stipulated form in response to an invitation by an organ of state for the provision of goods or services, through price quotations, advertised competitive bidding processes or proposals;
- (d) "Broad-Based Black Economic Empowerment Act" means the Broad-Based Black Economic Empowerment Act, 2003 (Act No. 53 of 2003);
- (e) "EME" means an Exempted Micro Enterprise in terms of a code of good practice on black economic empowerment issued in terms of section 9 (1) of the Broad-Based Black Economic Empowerment Act;
- (f) "functionality" means the ability of a tenderer to provide goods or services in accordance with specifications as set out in the tender documents.
- (g) "prices" includes all applicable taxes less all unconditional discounts;
- (h) "proof of B-BBEE status level of contributor" means:
  - i. B-BBEE Status level certificate issued by an authorized body or person;
  - A sworn affidavit as prescribed by the B-BBEE Codes of Good Practice;
  - iii. Any other requirement prescribed in terms of the B-BBEE Act;
- (i) "QSE" means a qualifying small business enterprise in terms of a code of good practice on black economic empowerment issued in terms of section 9 (1) of the Broad-Based Black Economic Empowerment Act;
- (j) **"rand value"** means the total estimated value of a contract in Rand, calculated at the time of bid invitation, and includes all applicable taxes.

### 3. POINTS AWARDED FOR PRICE

#### 3.1 THE 90/10 PREFERENCE POINT SYSTEMS

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

$$Ps = 90 \left( 1 - \frac{Pt - P\min}{P\min} \right)$$

Where:

Ps = Points scored for comparative price of bid under consideration

Pt = Comparative price of bid under consideration Pmin = Comparative price of lowest acceptable bid

| Contractor | JI | Witness 1 | Witness 2 | Employer | JI | Witness 1 | Witness 2 |  |
|------------|----|-----------|-----------|----------|----|-----------|-----------|--|

### 4. POINTS AWARDED FOR B-BBEE STATUS LEVEL OF CONTRIBUTION

4.1 In terms of Regulation 6 (2) and 7 (2) of the Preferential Procurement Regulations, preference points must be awarded to a bidder for attaining the B-BBEE status level of contribution in accordance with the table below:

| B-BBEE Status Level of<br>Contributor | Number of points<br>(90/10 system) | Kindly tick the applicable level and points |
|---------------------------------------|------------------------------------|---|
| 1                                     | 10                                 |   |
| 2                                     | 9                                  |   |
| 3                                     | 6                                  |   |
| 4                                     | 5                                  |   |
| 5                                     | 4                                  |   |
| 6                                     | 3                                  |   |
| 7                                     | 2                                  |   |
| 8                                     | 1                                  |   |
| Non-compliant contributor             | 0                                  |   |

### 5. BID DECLARATION

5.1 Bidders who claim points in respect of B-BBEE Status Level of Contribution must complete the following:

### 6. B-BBEE STATUS LEVEL OF CONTRIBUTION CLAIMED IN TERMS OF PARAGRAPHS 1.4 AND 4.1

6.1 B-BBEE Status Level of Contribution: = (maximum of 20 or 10 points)

(Points claimed in respect of paragraph 7.1 must be in accordance with the table reflected in paragraph 4.1 and must be substantiated by relevant proof of B-BBEE status level of contributor.

### 7. SUB-CONTRACTING

### Bidders must note the following with regards to sub-contracting:

- a) The sub-contracting must be to a separate legal entity.
- b) A legal person or unincorporated body of persons cannot sub-contract to themselves.
- c) A joint venture, consortium or unincorporated body of person may not sub-contract to a member of that joint-venture, consortium or unincorporated body of persons.

|       | or that joint-venture, t                   | consortium or uninc  | corporated body of           | i persons. |                |  |
|-------|--|----------------------|------------------------------|------------|----------------|--|
| 7.1   | Will any portion of the c                  |                      | YES NO (Tick applicable box) |            |                |  |
| 7.1.1 | If yes, indicate:<br>i) What percentage of | the contract will be | e subcontracted              | %?         | spriousie sex, |  |
| Con   | witness 1                                  | Witness 2            | Employer                     | Witness 1  | Witness 2      |  |

ii) The name of the sub-contractor\_\_\_\_\_

|         | III) The B-BBEE status level of the sub-contractor   |           |              |       |
|---------|--|-----------|--------------|-------|
|         | iv) Whether the sub-contractor is an EME or QSE<br>(Tick applicable box)                                       | YES       | NO           |       |
|         | v) Specify, by ticking the appropriate box, for subcontracting with Preferential Procurement Regulations,2017: | an enterp | rise in terr | ns of |
|         | vi) Designated Group: An EME or QSE which is at last 51% owned by:   | EME<br>√  | QSE $_{}$    |       |
|         | Black people   |           |              |       |
|         | Black people who are youth   |           |              |       |
|         | Black people who are women   |           |              |       |
|         | Black people with disabilities   |           |              |       |
|         | Black people living in rural or underdeveloped areas or townships  |           |              |       |
|         | Cooperative owned by black people  |           |              |       |
|         | Black people who are military veterans   |           |              |       |
|         | OR   | T         |              |       |
|         | Any EME  |           |              |       |
|         | Any QSE  |           |              |       |
| 7       | DECLARATION WITH BECARD TO COMPANY/FIRM  |           |              |       |
| 1       | DECLARATION WITH REGARD TO COMPANY/FIRM  |           |              |       |
| 7.2     | Name of company/firm:  |           |              |       |
|         |  |           |              |       |
| 7.3     | VAT registration number  |           |              |       |
| 7.4     | Company registration number:   | _         |              |       |
| 7.5     | TYPE OF COMPANY/ FIRM  |           |              |       |
|         |  |           |              |       |
|         | Partnership/Joint Venture / Consortium   |           |              |       |
|         | One-person business/sole propriety   |           |              |       |
|         | □ Close corporation  |           |              |       |
|         | ☐ Company  |           |              |       |
|         | ☐ (Pty) Limited [TICK APPLICABLE BOX]  |           |              |       |
|         | [HON AFFEIGABLE BOX]   |           |              |       |
| 7.6     | DESCRIBE PRINCIPAL BUSINESS ACTIVITIES   |           |              |       |
|         |  |           |              |       |
|         |  |           |              |       |
|         |  |           |              |       |
|         |  |           |              |       |
|         |  |           |              |       |
|         |  |           |              |       |
| 7.7     | COMPANY CLASSIFICATION   |           |              |       |
| • • • • |  |           |              |       |
|         | □ Manufacturer   |           |              |       |
|         | □ Supplier   |           |              |       |
|         | • •  |           |              |       |
|         |  |           |              |       |
|         |  |           |              |       |
|         | Contractor Witness 1 Witness 2 Employer Witness 3  |           | Witness 2    |       |
|         | Contractor Frances 1 Frances 2 Employer Witness 1  |           | uiess z      |       |

| Page | 25 | of | 1 | 46 |
|------|----|----|---|----|
|------|----|----|---|----|

|      | ☐<br>☐<br>[TICK A   |            | ofessional service provider<br>her service providers, e.g. transporter, etc.<br>Le вох]  |         |  |  |  |
|------|---|------------|--|---------|--|--|--|
| 7.8  | MUN   | ICIPA      | L INFORMATION  |         |  |  |  |
|      | Muni  | cipalit    | where business is situated:  |         |  |  |  |
|      | Regi  | stered     | Account Number:  |         |  |  |  |
|      | Stan  | d Num      | ber:   |         |  |  |  |
| 7.9  | Total   | numb       | er of years the company/firm has been in business:   |         |  |  |  |
| 7.10 | the p   | oints o    | ndersigned, who is / are duly authorised to do so on behalf of the company/firm, certiclaimed, based on the B-BBE status level of contributor indicated in paragraphs 1.4 a going certificate, qualifies the company/ firm for the preference(s) shown and ge that:  | nd 6.1  |  |  |  |
|      | i)  | The i      | nformation furnished is true and correct;  |         |  |  |  |
|      | ii)   |            | preference points claimed are in accordance with the General Conditions as indicated and 1 of this form;   | ated in |  |  |  |
|      | iii) In the event of a contract being awarded as a result of points claimed as shown in paragraphs 1.4 and 6.1, the contractor may be required to furnish documentary proof to the satisfaction of the purchaser that the claims are correct; |            |  |         |  |  |  |
|      | iv)   | any c      | B-BBEE status level of contributor has been claimed or obtained on a fraudulent bath the conditions of contract have not been fulfilled, the purchaser may, in addition remedy it may have –   |         |  |  |  |
|      |   | (a)<br>(b) | disqualify the person from the bidding process; 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 bidder or contractor, its shareholders and directors, or only the shareholders and directors who acted on a fraudulent basis, be restricted by the National Treasury from obtaining business from any organ of state for a period not exceeding 10 years, after the <i>audi alteram partem</i> (hear the other side) rule has been applied; and |         |  |  |  |
|      |   | (e)        | forward the matter for criminal prosecution.   |         |  |  |  |
|      | NESSI   | ES:        |  |         |  |  |  |
| 1.   |   |            | SIGNATURE(S) OF BIDDER(S)  |         |  |  |  |
| 2.   |   |            | ADDRESS:   |         |  |  |  |
| DAT  | E:  |            |  |         |  |  |  |
|      | Contractor  |            | Witness 1 Witness 2 Employer Witness 1 Witness 2   |         |  |  |  |

NB – BIDDERS MUST TAKE NOTE THAT ERWAT ONLY ACCEPTS THE FOLLOWING FORMATS OF SWORN AFFIDAVIT FOR EME'S OR QSE'S WHERE YOUR ANNUAL TURNOVER IS LESS THAN R10 MILLION.

NO SWORN AFFIDAVITS WILL BE ACCEPTED WHERE A BEE CERTIFICATE HAS BEEN ISSUED TO A BIDDER.

WHERE A BEE CERTIFICATE AND SWORN AFFIDAVIT HAS BEEN ATTACHED, THE ORIGINAL OR CERTIFIED BEE CERTIFICATE WILL TAKE PRESENDENCE AND POINTS WILL BE AWARDED BASED ON THE CERTIFICATE ONLY.

Please note that that the form is completed only once annually, as the certificate is valid for a period of one year from date of signature of affidavit.

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

### PART A - SWORN AFFIDAVIT: B-BBEE EXEMPTED MICRO ENTERPRISE

| I, the undersigned,               |   |
|-----------------------------------|---|
| Full name & Surname               |   |
| Identity number                   |   |
|                                   | oath as follows:  If this statement are to the best of my knowledge a true reflection of the facts.  If director / owner of the following enterprise and am duly authorised to act on |
| Futamaia a Nama                   |   |
| Enterprise Name                   |   |
| Trading Name Registration Number  |   |
| Enterprise Address                |   |
|                                   | e under oath that:  |
|                                   | is% black owned;  |
|                                   | is% black woman owned;  |
|                                   | nanagement accounts and other information available on the<br>the income did not exceed R10,000,000.00 (ten million rands);   |
| •                                 | the table below the B-BBEE level contributor, by ticking the applicable box.  |
| 100% black owned                  | Level One (135% B-BBEE procurement recognition)   |
| More than 51% black owned         | Level Two (125% B-BBEE procurement recognition)   |
| Less than 51% black owned         | Level Four (100% B-BBEE procurement recognition)  |
| 4. The entity is ar               | empowering supplier in terms of <b>the dti</b> Codes of Good Practice.  |
| prescribed oatl                   | lerstand the contents of this affidavit and I have no objection to take the and consider the oath binding on my conscience and on the owners of the the I represent in this matter.   |
| 6. The sworn affice commissioner. | davit will be valid for a period of 12 months from the date signed by   |
| ponent Signature:                 |   |
| te:                               |   |
| -                                 |   |
| mmissioner of Oaths S             | Signature & Stamp:  |
|                                   |   |
|                                   | COMMISSIONER OF OATHS STAMP   |
|                                   |   |
|                                   |   |
| Contractor Wit                    | ness 1 Witness 2 Employer Witness 1 Witness 2   |

### PART B - SWORN AFFIDAVIT: B-BBEE QUALIFYING SMALL ENTERPRISE

|  | THE THE SHALL ENTERNING   |
|--|---|
| I, the undersigned,  |   |
| Full name & Surname  |   |
| Identity number  |   |
| Tuonitsy Turnion   |   |
| Hereby declare under oath as follows:  |   |
| 1. The contents of this statement are to the best  | of my knowledge a true reflection of the facts.   |
| 2. I am a member / director / owner of the follow  | ring enterprise and am duly authorised to act on its behalf:  |
| Enterprise Name  |   |
| Trading Name   |   |
| Registration Number  |   |
| Enterprise Address   |   |
| I hereby declare under oath that:  |   |
| <ul> <li>The enterprise is% black own</li> </ul>   |   |
| The enterprise is% black worn  |   |
| income did not exceed R50,000,000.00 (Fi   | •   |
| The entity is an Empowering Supplier in to   | erms of Clause 3.3 (a) or (b) or (c) or (d) or as amended 3.3 (e)   |
| (select one)of the   | BBEE level contributor, by ticking the applicable box.  |
| • Flease collilli on the table below the B-  | bbee level contributor, by ticking the applicable box.  |
| 100% black owned   | Level One (135% B-BBEE procurement recognition)   |
| More than 51% black owned  | Level Two (125% B-BBEE procurement recognition)   |
| (a) At least 25% of cost of sales, (excluding labour costs and depreciation)must be procurement from local producers or suppliers in South Africa; for the services industry include labour costs but capped at 15%. | (b) Job Creation – 50% of jobs created are for black people, provided that the number of black employees in the immediate prior verified B-BBEE measurement is maintained |
| (c) At least 25% transformation of raw material / beneficiation which include local manufacturing, production and /or assembly, and/ or packaging  | (d) At least 12 days per annum of productivity deployed in assisting QSE and EME beneficiaries to increase their operation or financial capacity                          |
| (e) At least 85% of labour costs should be paid to South African employees by service industry entities.   |   |
|  | davit and I have no objection to take the prescribed oath and   |
| <ul><li>5. The sworn affidavit will be valid for a period of 12</li></ul>  | on the owners of the enterprise which I represent in this matter.   |
| 5. The sworth allidavit will be valid for a period of 12   | months from the date signed by Commissioner.  |
| Deponent Signature:  |   |
| Date:  |   |
| Commissioner of Oaths Signature & Stamp:   |   |
|  |   |
|  |   |
| COMMISSIONE  | R OF OATHS STAMP  |
| COMMISSIONE  | 1 OF CATTIS STAINIF   |
|  |   |
|  |   |
|  |   |
|  |   |

Witness 2

Employer

Witness 1

**MBD 6.2** 

## LOCAL PRODUCTION: DECLARATION OF BIDDER'S PAST SUPPLY CHAIN MANAGEMENT PRACTICES

This Municipal Bidding Document (MBD) must form part of all bids invited. It contains general information and serves as a declaration form for local content (local production and local content are used interchangeably).

Before completing this declaration, bidders must study the General Conditions, Definitions, Directives applicable in respect of Local Content as prescribed in the Preferential Procurement Regulations, 2017 and the South African Bureau of Standards (SABS) approved technical specification number SATS 1286:2011 (Edition 1) and the Guidance on the Calculation of Local Content together with the Local Content Declaration Templates [Annex C (Local Content Declaration: Summary Schedule), D (Imported Content Declaration: Supporting Schedule to Annex C) and E (Local Content Declaration: Supporting Schedule to Annex C)].

### 1. General Conditions

- 1.1. Preferential Procurement Regulations, 2017 (Regulation 9) makes provision for the promotion of local production and content.
- 1.2. Regulation 9.(1) prescribes that in the case of designated sectors, where in the award of bids local production and content is of critical importance, such bids must be advertised with the specific bidding condition that only locally produced goods, services or works or locally manufactured goods, with a stipulated minimum threshold for local production and content will be considered.
- 1.3. Where necessary, for bids referred to in paragraph 1.2 above, a two stage bidding process may be followed, where the first stage involves a minimum threshold for local production and content and the second stage price and B-BBEE.
- 1.4. A person awarded a contract in relation to a designated sector, may not sub-contract in such a manner that the local production and content of the overall value of the contract is reduced to below the stipulated minimum threshold.
- 1.5. The local content (LC) expressed as a percentage of the bid price must be calculated in accordance with the SABS approved technical specification number SATS 1286: 2011 as follows:

$$LC = [1 - x / y] *100$$

Where

x is the imported content in Rand

y is the bid price in Rand excluding value added tax (VAT)

Prices referred to in the determination of x must be converted to Rand (ZAR) by using the exchange rate published by the South African Reserve Bank (SARB) at 12:00 on the date of advertisement of the bid as required in paragraph 4.1 below.

The SABS approved technical specification number SATS 1286:2011 is accessible on http://www.thedti.gov.za/industrial development/ip.jsp at no cost.

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

- 1.6. A bid may be disqualified if
  - (a) this Declaration Certificate and the Annex C (Local Content Declaration: Summary Schedule) are not submitted as part of the bid documentation; and
  - (b) the bidder fails to declare that the Local Content Declaration Templates (Annex C, D and E) have been audited and certified as correct.

#### 2. Definitions

- 2.1. "bid" includes written price quotations, advertised competitive bids or proposals;
- 2.2. "bid price" price offered by the bidder, excluding value added tax (VAT);
- 2.3. "contract" means the agreement that results from the acceptance of a bid by an organ of state;
- 2.4. "designated sector" means a sector, sub-sector or industry that has been designated by the Department of Trade and Industry in line with national development and industrial policies for local production, where only locally produced services, works or goods or locally manufactured goods meet the stipulated minimum threshold for local production and content;
- 2.5. "duly sign" means a Declaration Certificate for Local Content that has been signed by the Chief Financial Officer or other legally responsible person nominated in writing by the Chief Executive, or senior member / person with management responsibility(close corporation, partnership or individual).
- 2.6. "imported content" means that portion of the bid price represented by the cost of components, parts or materials which have been or are still to be imported (whether by the supplier or its subcontractors) and which costs are inclusive of the costs abroad (this includes labour and intellectual property costs), plus freight and other direct importation costs, such as landing costs, dock duties, import duty, sales duty or other similar tax or duty at the South African port of entry;
- 2.7. "**local content**" means that portion of the bid price which is not included in the imported content, provided that local manufacture does take place;
- 2.8. "**stipulated minimum threshold**" means that portion of local production and content as determined by the Department of Trade and Industry; and
- 2.9. "sub-contract" means the primary contractor's assigning, leasing, making out work to, or employing another person to support such primary contractor in the execution of part of a project in terms of the contract.
- 3. The stipulated minimum threshold(s) for local production and content (refer to Annex A and B of SATS 1286:2011) for this bid is/are as follows:
  - 3.1 The stipulated minimum threshold percentage for local production and content for Structural Steel, Plates, Sheets, Galvanised and Colour Coated Coils, Fabricated Structural Steel is 100%. Please refer to *Annexure A* attached hereto for full details.

| Structural Steel:                   | 100% |
|-------------------------------------|------|
| Plates:                             | 100% |
| Sheets:                             | 100% |
| Galvanised and Colour Coated Coils: | 100% |

|            |           | _ |            | _ |            | _ |            | _ |            |
|------------|-----------|---|------------|---|------------|---|------------|---|------------|
|            |           |   |            |   |            |   |            |   |            |
|            |           |   |            |   |            |   |            |   |            |
|            |           |   |            |   |            |   |            |   |            |
|            |           |   |            |   |            |   |            |   |            |
| Contractor | Witness 1 |   | Witness 2  |   | Employer   |   | Witness 1  |   | Witness 2  |
| Contractor | Withess i |   | Williess 2 |   | Lilipioyei |   | Williess i |   | Williess 2 |

|                   | Fabricated Structural Steel:   | 100%  |              |
|-------------------|--|---|--------------|
|                   | 3.2 . Please refer to <b>Annexure</b>  | s A attached hereto for full details.   |              |
|                   | Does any portion of the service ( <i>Tick applicable box</i> )   | es, works or goods offered have any imported content?   |              |
|                   | YES NO   |   |              |
| l                 |  | to be used in this bid to calculate the local content as ponditions must be the rate(s) published by the SARB for advertisement of the bid. |              |
|                   | The relevant rates of exchange   | e information is accessible on www.reservebank.co.za  |              |
|                   | Indicate the rate(s) of exchange A of SATS 1286:2011):   | e against the appropriate currency in the table below (re   | efer to Anne |
|                   | Currency   | Rates of exchange   |              |
|                   | US Dollar  |   |              |
|                   | Pound Sterling   |   |              |
|                   | Euro   |   |              |
|                   | Yen  |   |              |
|                   |  |   |              |
|                   | Other  NB: Bidders must submit proof   | of the SARB rate (s) of exchange used.  |              |
|                   | NB: Bidders must submit proof  | of the SARB rate (s) of exchange used. ation Templates (Annex C, D and E) audited and certific  | ed as corre  |
| I. If             | NB: Bidders must submit proof Were the Local Content Declars (Tick applicable box)   | ation Templates (Annex C, D and E) audited and certific   | ed as corre  |
|                   | NB: Bidders must submit proof  Were the Local Content Declars ( <i>Tick applicable box</i> )  YES NO  yes, provide the following particulars   | ation Templates (Annex C, D and E) audited and certific   | ed as corre  |
| (a)               | NB: Bidders must submit proof  Were the Local Content Declar  (Tick applicable box)  YES NO  yes, provide the following particular  Full name of auditor:  | ration Templates (Annex C, D and E) audited and certification   | ed as corre  |
| (a)               | NB: Bidders must submit proof  Were the Local Content Declars  (Tick applicable box)  YES NO  yes, provide the following particular proof  Full name of auditor:  Practice number:   | ration Templates (Annex C, D and E) audited and certification   | ed as corre  |
| (a)<br>(b)<br>(c) | NB: Bidders must submit proof  Were the Local Content Declars  (Tick applicable box)  YES NO  yes, provide the following particular full name of auditor:  Practice number:  Telephone and cell number:                        | ration Templates (Annex C, D and E) audited and certification.  | ed as corre  |
| (a)<br>(b)<br>(c) | NB: Bidders must submit proof  Were the Local Content Declars  (Tick applicable box)  YES NO  yes, provide the following particular proof  Full name of auditor:  Practice number:  Telephone and cell number:  Email address: | ation Templates (Annex C, D and E) audited and certification.  Later the declaration will, when required, be submitted to the               |              |

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

Witness 2

Witness 1

### LOCAL CONTENT DECLARATION (REFER TO ANNEX B OF SATS 1286:2011)

LOCAL CONTENT DECLARATION BY CHIEF FINANCIAL OFFICER OR OTHER LEGALLY RESPONSIBLE PERSON NOMINATED IN WRITING BY THE CHIEF EXECUTIVE OR SENIOR MEMBER/PERSON WITH MANAGEMENT RESPONSIBILITY (CLOSE CORPORATION, PARTNERSHIP OR INDIVIDUAL)

IN RESPECT OF BID ERW202203/TNDR-003:

**ISSUED BY: EKURHULENI WATER CARE COMPANY (ERWAT)** 

NB

Contractor

Witness 1

Witness 2

- 1 The obligation to complete, duly sign and submit this declaration cannot be transferred to an external authorized representative, auditor or any other third party acting on behalf of the bidder.
- Guidance on the Calculation of Local Content together with Local Content Declaration Templates (Annex C, D and E) is accessible on <a href="http://www.thedti.gov.za/industrial development/ip.jsp.">http://www.thedti.gov.za/industrial development/ip.jsp.</a> Bidders should first complete Declaration D. After completing Declaration D, bidders should complete Declaration E and then consolidate the information on Declaration C. **Declaration C should be submitted with the bid documentation at the closing date and time of the bid in order to substantiate the declaration made in paragraph (c) below.** Declarations D and E should be kept by the bidders for verification purposes for a period of at least 5 years. The successful bidder is required to continuously update Declarations C, D and E with the actual values for the duration of the contract

|       | 00110   | uot.   |                       |    |  |  |
|-------|---|--|-----------------------|----|--|--|
| I, th | ne un   | dersigned  | (full names), do here | by |  |  |
| ded   | clare,  | in my capacity as  | _                     |    |  |  |
| of _  |   | (name of bidder entity), t   | he following:         |    |  |  |
| (a)   | The   | facts contained herein are within my own personal knowledge.   |                       |    |  |  |
| (b)   | I hav   | ve satisfied myself that   |                       |    |  |  |
|       | (i)   | the goods/services/works to be delivered in terms of the above-spe<br>minimum local content requirements as specified in the bid, and as n<br>1286:2011; and | neasured in terms of  |    |  |  |
|       | (ii)  | the declaration templates have been audited and certified to be cor  | ect.                  |    |  |  |
| (c)   | (c) The local content percentages (%) indicated below has been calculated using the formula given i clause 3 of SATS 1286:2011, the rates of exchange indicated in paragraph 4.1 above and the information contained in Declaration D and E which has been consolidated in Declaration C; |  |                       |    |  |  |
|       |   | Bid price, excluding VAT (y)   | R                     |    |  |  |
|       |   | Imported content (x), as calculated in terms of SATS 1286:2011   | R                     |    |  |  |
|       |   | Stipulated minimum threshold for local content (paragraph 3 above)   |                       |    |  |  |
|       |   | Local content %, as calculated in terms of SATS 1286:2011  |                       |    |  |  |
|       |   |  |                       |    |  |  |

Employer

Page 33 of 146

If the bid is for more than one product, the local content percentages for each product contained in Declaration C shall be used instead of the table above. The local content percentages for each product has been calculated using the formula given in clause 3 of SATS 1286:2011, the rates of exchange indicated in paragraph 4.1 above and the information contained in Declaration D and E.

- (d) I accept that the Procurement Authority / Municipality / Municipal Entity has the right to request that the local content be verified in terms of the requirements of SATS 1286:2011.
- (e) I understand that the awarding of the bid is dependent on the accuracy of the information furnished in this application. I also understand that the submission of incorrect data, or data that are not verifiable as described in SATS 1286:2011, may result in the Procurement Authority / Municipal / Municipal Entity imposing any or all of the remedies as provided for in Regulation 13 of the Preferential Procurement Regulations, 2017 promulgated under the Preferential Policy Framework Act (PPPFA), 2000 (Act No. 5 of 2000).

| SIGNATURE:    | DATE: |
|---------------|-------|
| WITNESS No. 1 | DATE: |
| WITNESS No. 2 | DATE: |

|   | Contractor | Witness 1 | Witness 2 | Employer | Witness 1 | Witness 2 |  |
|---|------------|-----------|-----------|----------|-----------|-----------|--|
| Ī |            |           |           |          |           |           |  |

MBD 8

### **DECLARATION OF BIDDER'S PAST SUPPLY CHAIN MANAGEMENT PRACTICES**

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

| ltem  | Question   | Yes       | No |
|-------|--|-----------|----|
| 4.1   | Is the bidder or any of its directors listed on the National Treasury's Database of Restricted Suppliers as companies or persons prohibited from doing business with the public sector?  | Yes       | No |
|       | (Companies or persons who are listed on this Database were informed in writing of this restriction by the Accounting Officer/Authority of the institution that imposed the restriction after the <i>audi alteram partem</i> rule was applied). |           |    |
|       | The Database of Restricted Suppliers now resides on the National Treasury's website ( <a href="www.treasury.gov.za">www.treasury.gov.za</a> ) and can be accessed by clicking on its link at the bottom of the home page.                      |           |    |
| 4.1.1 | If so, furnish particulars:  |           |    |
| 4.2   | Is the bidder or any of its directors listed on the Register for Tender Defaulters in terms of section 29 of the Prevention and Combating of Corrupt Activities Act (No 12 of 2004)?   | Yes       | No |
|       | The Register for Tender Defaulters can be accessed on the National Treasury's website ( <a href="www.treasury.gov.za">www.treasury.gov.za</a> ) by clicking on its link at the bottom of the home page.  |           |    |
|       |  |           |    |
|       |  |           |    |
| Con   | tractor Witness 1 Witness 2 Employer Witness 1   | Witness 2 |    |

Witness 1

Witness 2

Employer

Witness 1

Witness 2

Contractor

**MBD 9** 

### CERTIFICATE OF INDEPENDENT BID DETERMINATION

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

| Contractor | Witness 1 | Witness 2 | Employer  | Witness 1  | Witness 2 |
|------------|-----------|-----------|-----------|------------|-----------|
| Contractor | Withess 1 | winiess 2 | Linployer | Williess I | Withess 2 |

### **CERTIFICATE OF INDEPENDENT BID DETERMINATION**

I, the undersigned, in submitting the accompanying bid:

<u>DESCRIPTION:</u> BASIS APPOINTMENT OF SERVICE PROVIDER FOR THE SERVICING, REPAIRS AND MAINTENANCE OF ARCHEMEDES SCREW PUMPS ON ALL ERWAT PLANTS FOR A PERIOD OF THIRTY SIX MONTHS ON AN AD HOC 'AS AND WHEN REQUIRED' BASIS

#### BID ERW202203/TNDR-003:

in response to the invitation for the bid made by:

| do he  | ereby ı | make           | the following  | stateme                           | ents that                            | I certify                           | to be tr                        | ue and           | d cor  | nplete i   | n eve   | ry re | spec   | t:      |           |
|--------|---------|----------------|--|-----------------------------------|--------------------------------------|-------------------------------------|---------------------------------|------------------|--------|------------|---------|-------|--------|---------|-----------|
| I cert | ify, on | beh            | alf of   |                                   |                                      |                                     |                                 |                  |        | (Naı       | me of   | f Bid | der) t | hat:    |           |
| 1.     | I have  | e rea          | d and I unders   | stand th                          | e content                            | ts of thi                           | s Certific                      | cate;            |        |            |         |       |        |         |           |
| 2.     |         |                | nd that the acc  | •                                 | ying bid v                           | will be o                           | disqualif                       | ied if t         | his (  | Certificat | te is f | ound  | d not  | to be t | rue and   |
| 3.     | I am a  |                | orized by the b  | idder to                          | sign this                            | Certific                            | cate, and                       | d to su          | ıbmi   | t the acc  | comp    | anyii | ng bio | d, on b | ehalf of  |
| 4.     |         | •              | son whose sign<br>the terms of, a  |                                   |                                      |                                     | •                               |                  |        |            | n auth  | horiz | ed by  | the b   | idder to  |
| 5.     |         | inclu          | rposes of this<br>de any individ<br>no:  |                                   |                                      |                                     |                                 |                  |        |            |         |       |        |         |           |
|        | (a)     | ) h            | as been reque  | sted to                           | submit a                             | bid in ı                            | respons                         | e to th          | is bi  | d invitat  | ion;    |       |        |         |           |
|        | (b)     | ,              | ould potentially bilities or expe  | •                                 |                                      | respo                               | nse to th                       | nis bid          | invi   | tation, k  | oased   | l on  | their  | qualifi | cations,  |
|        | (c)     |                | rovides the sa<br>ne bidder  | me goo                            | ods and so                           | ervices                             | as the b                        | oidder           | and    | or is in   | the sa  | ame   | line c | of busi | ness as   |
| 6.     | comn    | nunic          | er has arrived<br>cation, agreem<br>n a joint ventur   | ent or                            | arrangen                             | nent wit                            | th any c                        | ompe             | titor. | Howev      | er, c   | omm   |        |         |           |
| 7.     |         |                | ar, without lim  |                                   |                                      |                                     |                                 |                  |        |            |         | bee   | en no  | consi   | ultation, |
|        |         | metal<br>the i | es;<br>graphical area<br>hods, factors o<br>intention or dec<br>submission of<br>ling with the int | or formu<br>cision to<br>a bid wl | llas used<br>o submit o<br>hich does | to calcoor<br>or not to<br>s not me | ulate pride o submite eet the s | ces;<br>t, a bid | d;     |            |         |       |        | ne bid; | or        |
|        |         |                |  |                                   |                                      |                                     |                                 |                  | ſ      |            |         |       |        |         |           |

- 8. In addition, there have been no consultations, communications, agreements or arrangements with any competitor regarding the quality, quantity, specifications and conditions or delivery particulars of the products or services to which this bid invitation relates.
- 9. The terms of the accompanying bid have not been, and will not be, disclosed by the bidder, directly or indirectly, to any competitor, prior to the date and time of the official bid opening or of the awarding of the contract.
- 10. I am aware that, in addition and without prejudice to any other remedy provided to combat any restrictive practices related to bids and contracts, bids that are suspicious will be reported to the Competition Commission for investigation and possible imposition of administrative penalties in terms of section 59 of the Competition Act No. 89 of 1998 and or may be reported to the National Prosecuting Authority (NPA) for criminal investigation and or may be restricted from conducting business with the public sector for a period not exceeding ten (10) years in terms of the Prevention and Combating of Corrupt Activities Act No. 12 of 2004 or any other applicable legislation.

| SIGNATURE | DATE           |  |
|-----------|----------------|--|
| POSITION  | NAME OF BIDDER |  |
|           |                |  |
|           |                |  |
|           |                |  |
|           |                |  |
|           |                |  |
|           |                |  |
|           |                |  |
|           |                |  |

**FORM A** 

# MUNICIPAL SERVICES, RATES AND TAXES CLEARANCE CERTIFICATE FOR SUPPLY CHAIN MANAGEMENT PURPOSE

The purpose of this form is to obtain prove that municipal services, rates and taxes of the service provider are **not more than three months in arrears** with the relevant municipality / landlord in the municipal area where the service provider conduct his / her business. Kindly attach the latest municipal rates and taxes account not older than 3 months from date of advertising of bid.

Where bidders are not owners of a property and cannot submit a copy of the municipal account, the following must be completed together with a Rental/lease agreement:

|                        | · •                                    |           |     |
|------------------------|--|-----------|-----|
|                        | D BY THE LANDLORD)                     |           |     |
| Name of the Landlord   | d:                                     |           |     |
| Property Physical Add  | dress:                                 |           |     |
| Troporty Triyologi Adv | 41000.                                 |           |     |
|                        |  |           |     |
|                        |  |           |     |
| Please tick below      |  | Yes       | No  |
| Rental:                | in arrears for more than 3 months      | 103       | 110 |
| Municipal services:    | in arrears for more than 3 months      |           |     |
| marrielpar eer vieeer  | in ansars for more than 5 monate       |           |     |
|                        |  |           |     |
|                        |  |           |     |
|                        |  |           |     |
| Landlord Signature:    |  |           |     |
|                        |  |           |     |
|                        |  |           |     |
| Date:                  |  |           |     |
|                        |  |           |     |
| Landlord's business    | s stamp here (where applicable)        |           |     |
| Landiola 5 Dusiness    | s stamp here (where applicable)        |           |     |
|                        |  |           |     |
|                        |  |           |     |
|                        |  |           |     |
|                        |  |           |     |
|                        |  |           |     |
|                        |  |           |     |
|                        |  |           |     |
|                        |  |           |     |
|                        |  |           |     |
|                        |  |           |     |
|                        |  |           |     |
|                        |  |           |     |
|                        |  |           |     |
|                        |  |           |     |
|                        |  |           |     |
|                        |  |           |     |
|                        |  |           |     |
| Contractor             | Witness 1 Witness 2 Employer Witness 1 | Witness 2 |     |

**FORM B** 

# CONFIRMATION OF REGISTRATION ON NATIONAL TREASURY CENTRALISED SUPPLIER <u>DATABASE</u>

|             | CONFIRMA                 |   |  |
|-------------|--------------------------|---|--|
| 1           | VENDOR NAME              |   |  |
| 2           | CSD APPROVED NUMBER      | M |  |
| 3           | COMPANY REG NUMBER       |   |  |
| 4           | COMPANY TAX NUMBER       |   |  |
| 5           | COMPANY VAT NUMBER       |   |  |
| 6           | COMPANY BEE LEVEL        |   |  |
| 7           | CONTACT PERSON           |   |  |
| 8           | OFFICE TEL. NUMBER       |   |  |
| 9           | OFFICE FAX NUMBER        |   |  |
| 10          | E-MAIL ADDRESS           |   |  |
| 11          | CELL NUMBER              |   |  |
| autho       |                          |   |  |
| AUTI        | HORISED SIGNATORY DESIGN |   |  |
| AUTI<br>RES |                          |   |  |

**FORM C** 

#### **AUTHORITY OF SIGNATORY TO SIGN BIDS**

The bid shall be signed by a person duly authorised thereto and the following is applicable:

<u>Company:</u> A resolution by its board of directors authorising a director or other official of the company to sign the documents on behalf of the company.

<u>Close Corporation:</u> A resolution by its members authorising a member or other official of the corporation to sign the documents on each member's behalf.

<u>Partnership:</u> All the partners shall sign the documents unless one partner or a group of partners has been authorised to sign on behalf of each partner, in which case proof of such authorisation shall be included in the bid.

<u>Joint Venture</u>: Should two or more firms jointly submit a bid, the bid shall be accompanied by the document of establishment of the joint venture, duly registered and authenticated by a notary public or other official deputed to witness sworn statements, which defines the conditions under which the joint venture will function, the period of duration, the persons authorised to represent the Joint Venture and who are obligated thereby, the participation of the several firms forming the joint venture, and well as any other information necessary to permit a full appraisal of its functioning.

One Man Concern: This shall be clearly stated and all documents shall be signed accordingly.

| Details of person r  | responsible for Bi | d Document prod   | cess:          |           |           |  |
|----------------------|--------------------|-------------------|----------------|-----------|-----------|--|
| Name :               |                    |                   |                |           |           |  |
| Contact number :     | ·                  |                   |                |           |           |  |
| Office address :     |                    |                   |                |           |           |  |
| Signatories for clos | original or certi  | fied copy on the  | Company Letter | • •       | -         |  |
| members or their b   | oard of directors  | , as the case may | y be.          |           |           |  |
|                      |                    |                   |                |           |           |  |
|                      |                    |                   |                |           |           |  |
|                      |                    |                   |                |           |           |  |
|                      |                    |                   |                |           |           |  |
|                      |                    |                   |                |           |           |  |
|                      |                    |                   |                |           |           |  |
|                      |                    |                   |                |           |           |  |
|                      |                    |                   |                |           |           |  |
|                      |                    |                   |                |           |           |  |
|                      |                    |                   |                |           |           |  |
| Contractor           | Witness 1          | Witness 2         | Employer       | Witness 1 | Witness 2 |  |
|                      |                    |                   |                |           |           |  |

Page 42 of 146

# PRO-FORMA FOR COMPANIES AND CLOSE CORPORATIONS: "By resolution of the board of directors passed on (date) Prof./Dr/Mr/Ms \_\_\_\_\_ has been duly authorized to sign all documents in connection with the Bid Document for Contract Number and any Contract which may arise there from on behalf of \_\_\_\_\_ (BLOCK CAPTIALS) SIGNED ON BEHALF OF THE COMPANY IN HIS CAPACITY AS **DATE FULL NAMES OF SIGNATORY AS WITNESSES:** 1. 2.

Witness 1

Contractor

Witness 2

Employer

Witness 1

Witness 2

# PRO-FORMA FOR JOINT VENTURES: Certificate of Authority for Joint Ventures

|              |         | DULY AUTHORISED |
|--------------|---------|-----------------|
| NAME OF FIRM | ADDRESS | SIGNATORY       |
|              |         |                 |
|              |         | Signature:      |
|              |         | Name:           |
|              |         | Designation:    |
|              |         | Signature:      |
|              |         | Name:           |
|              |         | Designation:    |
|              |         | Signature:      |
|              |         | Name:           |
|              |         | Designation:    |
|              |         | Signature:      |
|              |         | Name:           |
|              |         | Designation:    |

FORM D

# FINANCIAL REFERENCES/ BIDDERS' S CREDIT RATING AND DETAILS OF BIDDERS BANKING INFORMATION

#### Notes to Bidder:

- 1. The Bidder shall attach to this form a letter from the bank confirming the bank account and details. Failure to provide the required letter with the Bid Document submission shall render the Bidder's offer unresponsive.
- 2. The Bidder's banking details as they appear below shall be completed.
- 3. In the event that the Bidder is a joint venture enterprise, details of all the members of the joint venture shall be similarly provided and attached to this form.

| BANK NAME:   |   |
|--|---|
| ACCOUNT NAME: (e.g. ABC Civil Construction cc)                   |   |
| ACCOUNT TYPE: (e.g. Savings, Cheque etc)                         |   |
| ACCOUNT NO:  |   |
| ADDRESS OF BANK:   |   |
| CONTACT PERSON:  |   |
| TEL. NO. OF BANK / CONTACT:                                      |   |
| How long has this account been in existence:                     | 0-6 months 7-12 months 13-24 months More than 24 months |
|  |   |
| ignature on behalf of Bidder .B.: ORIGINAL LETTER FROM BANK OR E | BANK STATEMENT (NOT OLDER THAN THREE MONTH              |
| HOULD BE INCLUDED IN THE RETURNAE                                |   |
|  |   |

#### **FORM E**

#### **RECORD OF ADDENDA TO BID DOCUMENTS**

| We   | onfirm that the following communication received from the Employer before the submission of this |
|------|--|
| BID  | DOCUMENT offer, amending the BID DOCUMENT documents, have been taken into account in             |
| this | BID DOCUMENT offer:  |

| Date | Title of Details |
|------|------------------|
|      |                  |
|      |                  |
|      |                  |
|      |                  |
|      |                  |
|      |                  |
|      |                  |
|      |                  |
|      |                  |
|      |                  |
|      |                  |

SIGNATURE ON BEHALF OF BIDDER

|            | _ |           | 1 |           | i |          | i |           | 1 |           |
|------------|---|-----------|---|-----------|---|----------|---|-----------|---|-----------|
|            |   |           |   |           |   |          |   |           |   |           |
|            |   |           |   |           |   |          |   |           |   |           |
|            |   |           |   |           |   |          |   |           |   |           |
| Contractor |   | Witness 1 |   | Witness 2 |   | Employer |   | Witness 1 |   | Witness 2 |
|            |   |           |   |           |   |          |   |           |   |           |

**FORM F** 

## CERTIFICATE OF AUTHORITY FOR SIGNATORY TO AGREEMENT IN TERMS OF THE OCCUPATIONAL HEALTH AND SAFETY ACT, 1993 (ACT NO 85 OF 1993)

The signatory for the company that is the Contractor in terms of the above-mentioned Contract and the Mandatory in terms of the above-mentioned Act shall confirm his or her authority thereto by attaching to this page a duly signed and dated copy of the relevant resolution of the board of directors.

| By resolution of the board of directors pa | ssed at a meeting held on     | 20                  |
|--|-------------------------------|---------------------|
| /lr//Ms                                    |                               | whose signature     |
| ppears below, has been duly authorise      | d to sign the AGREEMENT IN TE | RMS OF THE          |
| OCCUPATIONAL HEALTH AND SAFE               | Y ACT, 1993 (ACT 85 OF 1993)  | on behalf of        |
|  |                               |                     |
| SIGNED ON BEHALF OF THE COMPA              | <u>.NY</u> :                  |                     |
| N HIS/HER CAPACITY AS                      | :                             |                     |
| DATE                                       | :                             |                     |
|  |                               |                     |
| SIGNATURE OF SIGNATORY                     | :                             |                     |
| VITNESS:                                   | WITNESS:                      |                     |
| IAME (in capitals):                        | NAME:                         |                     |
| · · · /                                    |                               |                     |
|  |                               |                     |
|  |                               |                     |
|  |                               |                     |
|  |                               |                     |
|  |                               |                     |
|  |                               |                     |
|  |                               |                     |
|  |                               |                     |
|  |                               |                     |
| Contractor Witness 1                       | Witness 2 Employer            | Witness 1 Witness 2 |

**FORM G** 

### OCCUPATIONAL HEALTH AND SAFETY AGREEMENT /PLAN (WHERE APPLICABLE)

| - Australia | Mina      | Minan     | - Fredrick - | Miana     | Western A. |
|-------------|-----------|-----------|--------------|-----------|------------|
| Contractor  | Witness 1 | Witness 2 | Employer     | Witness 1 | Witness 2  |

Page 48 of 146

**FORM H** 

### CERTIFIED COPY OF ID DOCUMENT/S OF OWNERS/MEMBERS/SHAREHOLDERS

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

**FORM I** 

#### **CURRENT CERTIFICATE OF GOOD STANDING FROM COMPENSATION COMMISSIONER**

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

Page 50 of 146

**FORM J** 

### **PROGRAMME OF WORKS**

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

**FORM K** 

#### **EXPERTISE OF THE KEY PERSONNEL**

The work is to be conducted by persons with such competences as a trade tested Mechanical Fitter. The winning bidder is to ensure that at least this competence is available on site or off-site during the entire screw pump servicing, repair and maintenance job execution.

**NB:** Certified copies of competency certificates will suffice.

| Previous    | Experience- Minimum 3 years  |   |            |          |                   |
|-------------|--|---|------------|----------|-------------------|
| Item<br>No. | Working in and near digesters,<br>working at heights and confined<br>space / explosive gas environment<br>– Indicate full details of works | Clients Valid Details Including<br>Contact Persons – E mail and Contact<br>Number | Start date | End date | Contract<br>Value |
| 1           |  | Contact Person: E-mail: Tel Number: Cell Number:                                  |            |          |                   |
| 2           |  | Contact Person: E-mail: Tel Number: Cell Number:                                  |            |          |                   |
| 3           |  | Contact Person: E-mail: Tel Number: Cell Number:                                  |            |          |                   |

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

Page 52 of 146

FORM L

### **SPECIAL CONDITIONS OF CONTRACT**

| Contractor | Witness 1  | Witness 2  | Employer | Witness 1 | Witness 2  |
|------------|------------|------------|----------|-----------|------------|
| Contractor | williess I | williess 2 | ∟mpioyei | winess i  | Williess 2 |

Page 53 of 146

**FORM M** 

# LETTER OF INTENT TO SUBMIT THIRD PARTY LIABILITY INSURANCE AND ALL RISK CONTRACTORS INSURANCE TO COVER THIS CONTRACT

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

**FORM N** 

#### **COPY OF COMPANY REGISTRATION DOCUMENTS**

#### 1. For Closed Corporations

CK1 or CK2 or CK9 as applicable (Founding Statement).

#### 2. For Companies:

- A letter from the auditors confirming shareholding percentages or
- A copy of the Certificate of Incorporation
- Certified Copies of the ID's of the Directors and
- The shareholders' register.

#### 3. For Joint Venture Agreements

- Copy of the Joint Venture Agreement between all the parties,
- As well as the documents in MBD 1, MBD 6.1, Form C and Form D of each Joint Venture member.

#### 4. For Partnership

• Certified Copies of the ID's of the partners

#### 5. <u>One-person Business / Sole trader/Sole Proprietor</u>

Certified Copy of ID

Page 55 of 146

FORM O

# AUDITED FINANCIAL STATEMENTS FOR THE PAST THREE YEARS FOR BIDS WHERE THE THRESHOLD EXCEEDS R10 MILLIION

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



# SECTION 2 – SCOPE OF WORKS AND PRICING

|     | DESCRIPTION  | BIDDER TO CONFIRM<br>THAT ALL PAGES<br>COMPLETED & SIGNED:<br>YES/NO | FOR OFFICE USE<br>ONLY VERIFIED BY<br>SCM OFFICIAL:<br>YES/NO |
|-----|--|--|---|
| 2.1 | SCOPE OF WORKS/SPECIFICATIONS  |  |   |
| 2.2 | EVALUATION CRITERIA  |  |   |
| 2.3 | PRICING SCHEDULE/BILL OF QUANTITIES  |  |   |
| 2.4 | LIST OF IMPORTED ITEMS   |  |   |
| 2.5 | ALTERNATIVES OFFERED   |  |   |
| 2.6 | SITE INFORMATION   |  |   |
| 2.7 | ANNEXURES (Materials, standard equipment and workmanship/Mechanical & Electrical equipment/Surface and corrosion protection specs/OHS specs) |  |   |

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

## 2.1 TECHNICAL SPECIFICATION

#### SCOPE OF WORKS/SPECIFICATIONS/TECHNICAL DATA SHEET

#### 2.1.1 INTRODUCTION

ERWAT is a wastewater treatment company, where Archimedes screw pumps are used in the wastewater conveyancing process such as pumping sewer into the plant, pumping sewer from balancing and emergency dams into the process, pumping activated sludge back into the process and other pumping activities.

#### 2.1.2 BACKGROUND

Ekurhuleni Water Care (ERWAT) Company treats wastewater from the City of Ekurhuleni (CoE) and Lesedi Municipality.

For a successful wastewater treatment process, screw pumps are necessary to convey wastewater, activated sludge and effluent to enable the process to work. Their application is in ensuring that the process flows.

This contract will be used for the servicing, maintenance and repairs of Archimedes screw pumps on various ERWAT wastewater sites to ensure their availability.

#### 2.1.3 MANDATORY REQUIREMENTS

| Scope   | Scope related Information and Documentation required:  |  |  |  |  |  |  |  |  |  |
|---------|--|--|--|--|--|--|--|--|--|--|
|         | Please ensure that the following supporting documents are attached to your Bid Document.     |  |  |  |  |  |  |  |  |  |
| Failure | Failure to submit the below mentioned documents will result in disqualification of your bid. |  |  |  |  |  |  |  |  |  |
| Item    | Description of Document/Proof Sought   |  |  |  |  |  |  |  |  |  |
| PC-1    | One qualified mechanical fitter with a trade test certificate (QCTO or department of labour) |  |  |  |  |  |  |  |  |  |

#### 2.1.3 **GENERAL REQUIREMENTS**

- a) Appointed bidders and their personnel will be required to but not limited to:
  - 1. Attend site induction training, and submit a safety file before any work can be undertaken.
  - 2. Request and Receive all the relevant work permits/access control and authorizations have to be obtained before any work can be undertaken after approval of the Safety and Health Plan.
  - 3. The relevant requirement with regards to the Occupational Health and safety act has to be complied with, with particular reference to the safety file in accordance with the relevant commodity and scope of work items covered by this document taking into consideration that the most current regulation will always take precedence.
- b) The contractor will be responsible for all equipment, tools, consumables, etc. required to perform the work as per the Contract shall be provided by the Contractor.

|            |           |           |          | ,         |           |
|------------|-----------|-----------|----------|-----------|-----------|
|            |           |           |          |           |           |
|            |           |           |          |           |           |
| Contractor | Witness 1 | Witness 2 | Employer | Witness 1 | Witness 2 |

ERWAT Operations and Maintenance shall be responsible for the following baseline maintenance:

| Activity  | Frequency |
|---|-----------|
| During Screw pump running – listen for noise, look for leaks, feel for  | Daily     |
| vibration, smell for burning and report to maintenance  |           |
| Fill grease pots (for bottom and top bearing)   | Weekly    |
| Check greasing system for pumping, if not investigate fault and fix it, if not finding a fault get a quotation for the service provider to conduct it | Weekly    |
| Grease top bearing  | Weekly    |
| Check Gearbox oil level reading and re-fill if needed   | Monthly   |
| Check condition of couplings  | Monthly   |

Upon these inspections, and finding out that the work required is beyond ERWAT's level of expertise or capacity, the contractor shall be notified to:

- 1. The contractor shall be responsible for the repairs and commissioning of equipment. This shall include the replacement, operating, testing, special testing (if required) and adjustments on the equipment.
- 2. The repairs shall carry a minimum of six months calendar months warranty from date of acceptance by the engineer or his/her appointed representative.
- 3. The repairs / replacement and commissioning shall be witnessed by the engineer or his/her appointed representative.
- 4. In cases whereby the services of Subcontractors have been utilized, the Contractor shall ensure that the repairs have been performed as per the OEM's recommendation. And the Contractor shall remain accountable for the repairs of the equipment for the duration of the WARRANTY.
- 5. Replacements of parts (e.g. top and bottom bearings etc.) shall be supplied in accordance with OEM specification (in writing) and or approved OEM manuals.
- 6. The Contractor shall at all times comply with ERWAT's Safety Procedures and Requirements before any work commences.
- 7. Only lubricants recommended by OEM and approved by ERWAT should be used.
- 8. All tools, consumables, testing facilities, etc. required to perform the work as per the Contract shall be provided by the Contractor.
- 9. ERWAT reserves the right to hold the Contractor responsible for any equipment that will be damaged or lost due to Contractor's negligence or poor workmanship.
- 10. ERWAT retains the option to use any other Service Provider to execute any work included or excluded in this Contract, provided the contractor cannot deliver the said services as per the service level agreement (SLA).
- 11. The Contractor shall be responsible for gathering any other information regarding the equipment, including but not limited to: Performance Data (Data Sheets, Design data, Specifications and Manuals), Drawings, Maintenance Requirements, and Maintenance and Operating manuals. This information will then be passed on to ERWAT.
- 12. All repair work shall only be performed upon receipt of an Official Order Number or written instruction from the Engineer or his appointed representative.
- 13. Factory visits will be conducted on Preferred Service Providers prior to the confirmation of the award of this Contract.

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

- 14. The quotation shall be accompanied by the following:
  - i. Root cause of asset or component failure report
- 15. Invoices on repairs shall be authorized for payment only when accompanied by the following documents:
  - i. Warranty certificate on work done and components replaced
  - ii. Off-site test Report on components and sub-systems (As per the tests done)
  - iii. On-site commissioning report

**NB:** The onsite commissioning report should include the following minimum requirements against the nameplate ratings and acceptable health safety levels. The bidder can put this in their format if they have one and also add items that might be missing.

| 1.        | Motor Rated: a. kW: b. Voltage: c. Current: d. Speed   | Running current tested: a. Red phase: b. Blue Phase c. Yellow phase: |  |
|-----------|--|--|--|
| 2.        | Gearbox a. Oil Level: b. Vibration: c. Noise: d. Leaks:  |  |  |
| 3.        | Coupling a. Noise: b. Vibration: c. Gap:   |  |  |
| 4.        | Screw a. Noise: b. Vibration:  |  |  |
| 5.        | Grease Pump a. Grease Level: b. Operational test:  |  |  |
| 6.        | Spray Bar<br>a. Operational test   |  |  |
| 7.        | Sluice gate a. Operational test: b. Gate condition: c. Shaft: d. Hand wheel: e. Slides: f. Actuator: |  |  |
| 0         |  |  |  |
| Contracto | or Witness 1 Witness 2   | Employer Witness 1 Witness 2   |  |

- 16. From b(16) above, the detailed report shall be submitted to an ERWAT designated person and comprise the following information, but not limited to the below:
  - i. Detailed report on the alignment, fabrication, installation, welding test reports, quality report including any other submission requirements as specified in this document.
  - ii. Proposals and quotations for any required upgrades and modifications that can improve performance and or reliability of the equipment.
- c) The recommended response times shall be as follows and are to be finalised in the service level agreement (SLA):
  - 1. Emergencies are on critical equipment and can be done between 4 to 8 Hours after the call has been made.
  - 2. Ad-Hoc is as and when required maintenance that can be done between 24 to 72 Hours after the call has been made.
  - 3. Call outs and afterhours work will be at the discretion of ERWAT.
- d) All after-care sales warranty and or guarantees agreed upon during the drafting of the service level agreement (SLA) shall be honoured and enforceable post the contract period for the duration of their term.
  - 1. The Contractor is expected to avail him/herself 24 Hours a day, including Holidays and Weekends.
  - 2. Quoted prices shall be FIXED and FIRM for the first twelve months of the Contract and thereafter subject to CPI increase at the first and second anniversary of the contract.
  - 3. The Service Provider shall CERTIFY the Replacement of a System and or Component is SAFE after the Repairs.
  - 4. The Service Provider shall take into account that the Removal, replacement and Commissioning of the Equipment shall be performed while the Basin is "live".
- e) Upon the signing of the SLA the Service Provider shall provide all Certification required by the Engineer or his appointed representative, these will include, but not limited to:
  - 1. Class of Materials used for Forgings
  - 2. Class of Materials used for Shafts
  - 3. Class of material used for chain drives
  - 4. Type of belt material used on belt drive and belt conveyors
  - 5. Bearing Calculations, Make and Type

#### 2.1.4 STANDARDS REQUIREMENTS

Products/services offered by the bidder is required to comply with the following minimum standards and their latest amendments throughout the contract period.

These standards will be applicable to the supply of equipment and will form part of the service level agreement.

These requirements do not form part of the pre- award evaluation process

a) Bolts, nuts and washers used for fixing shall be hot dip galvanized to SANS 10684:2011. Electroplated fasteners will not be accepted unless otherwise agreed by the Engineer in writing.

|            |           |           |          |           |           | ] |
|------------|-----------|-----------|----------|-----------|-----------|---|
| Contractor | Witness 1 | Witness 2 | Employer | Witness 1 | Witness 2 |   |

- b) Shims are to be made of high quality stainless steel (grade 304s31), allowing re-use.
- c) All VJ couplings are to be manufactured according to ISO 2531:1991 BS 4772:1988
- d) Hot dip galvanizing shall comply with SANS 121:1999 For fabricated articles, SANS 4998:2015, for pre-galvanized sheet or SANS 10244-2:2011 for wire.
- e) Drive pulleys are to be manufactured to approved ISO and SABS standards
- f) All V-belts to be of a wedge type and must conform to ISO 4184 BS 3790 and all other relevant standards
- g) All gas pipework shall be manufactured from 304L stainless steel in accordance to SANS ISO 4427 and DIN 8074, with stainless steel backing flanges and bolts with stub ends. Full details shall be supplied with the tender.
- h) All mild steel pipes and fittings, except for screwed and socketed pipes, shall comply with the requirements of SANS 719: 2011 grade A. specials shall comply with the requirements of BS 534 and shall be manufactured from straight pipes.
- i) All cast iron pipes and fittings shall comply with the requirements of BS 2035 and unless otherwise specified of the following class:
- j) Straight pipes Class D quality
- k) Fittings Class CD quality
- I) All materials used shall comply with the requirements of SANS 1034:2012:2012 for "Grey iron Castings".

#### 2.1.5 <u>DETAILED REQUIREMENTS</u>

- a) It shall be expected of the Contractor that he/she will evaluate the condition of the equipment, based on that evaluation make a decision on which spares he/she will keep as Strategic Spares, as to minimize downtime.
- b) The Repairs, shall include the Collection of the Equipment from the Works, delivery of the equipment to the same Works after the Repairs and a Six Calendar Months Warranty on the Repairs from Date of Replacement. Twelve Calendar Months on Replaced Parts.
- c) All the Works: Repairs and Replacement shall be executed in accordance with the OEM Requirements/Standards.
- d) The appointed Contractor shall supply experience references on having worked on the said Equipment as part of the functionality criteria.
- e) The service provider must utilise the OEM parts and when necessary, the OEM services when their skill and resources cannot manage. This is just a recommendation, and will not be evaluated.

Please note that the name brands below are the current equipment on site and are for the noting and enabling access to installation, operating and maintenance manuals, and are thus not for evaluation purposes. Therefore bidders will not be disadvantaged by not being the supplier / manufacturer of the below equipment.

| Contractor | Witness 1 | Witness 2 | • | Employer | Witness 1 | Witness 2 |  |
|------------|-----------|-----------|---|----------|-----------|-----------|--|

#### **SUMMARY OF EQUIPMENT**

The following is the summary of the Archimedes screw pump equipment at ERWAT. Bidders are encouraged to familiarize themselves if they feel necessary with the equipment and its location within ERWAT for the ease and accurate bidding.

**ERWAT** reserves the right to hold the Contractor responsible for any equipment /infrastructure belonging to ERWAT that may be damaged or lost due to Contractor's negligence or poor workmanship.

Table 1: Archimedes Screw Pump Details

| Item | Plant                       | Premises Address                                       | GPS<br>Coordinates       | Location                           | Diameter (mm) | Length (m) | Quantity |
|------|-----------------------------|--|--------------------------|------------------------------------|---------------|------------|----------|
| 1.   | Hartebeestfontein           | R25<br>Hartebeestfontein                               | -26.019696,              | Balancing tank section             | 1000          | 12         | 2        |
|      | WCW                         | Plant, Kempton<br>Park.                                | 28.283569                | RAS Section                        | 800           | 6          | 3        |
| 2.   | Rynfield WCW Sarel Calliers | -26.160534,  | Balancing tank section   | 1100                               | 4             | 2          |          |
| 2.   | .,,                         | Street, Rynfiled                                       | 28.357440                | RAS Section                        | 900           | 8          | 2        |
| 3.   | Ancor WCW                   | Ermelo Road,<br>Springs                                | -26.271346,<br>28.480205 | Inlet Works Section                | 1300          | 10         | 2        |
| 4.   | JP Marais WCW               | Cnr N12 / Kingsway<br>Road Modderfontein<br>76         | -26.169804,<br>28.396595 | Inlet Works Section                | 1600          | 14         | 3        |
|      |                             |  |                          | Module 2 RAS<br>Pumpstation        | 800           | 10         | 5        |
|      |                             | Carnation Road,<br>junction from Pansy<br>Ave, Springs | -26.191603,<br>28.472314 | Module 2 Sand Filters              | 1350          | 10         | 3        |
| 5.   | Welgedacht WCW              |  |                          | Module 2 Balancing<br>Tank         | 1350          | 10         | 4        |
|      |                             |  |                          | Module 2 Inlet Works               | 1900          | 11         | 6        |
|      |                             |  |                          | Module 1 Inlet Works               | 1650          | 11         | 6        |
| 6.   | Vlakplaats WCW              | Cnr Brickfield /<br>Bierman Streets,<br>Vosloorus      | -26.352956,<br>28.183072 | Module D RAS<br>Section            | 1200          | 6.5        | 2        |
|      |                             |  |                          | Inlet Works<br>Emergency Dam       | 1200          | 8          | 3        |
|      |                             |  |                          | Module 1 Stage 1<br>RAS Section    | 1200          | 6.5        | 2        |
| 7.   | /   \/\/atar\/a \/\/ \\/    | Meadow Road,<br>Kliprivier                             | -26.437902,<br>28.101183 | Module 1 Stage 2<br>RAS Section    | 1200          | 6.5        | 2        |
|      |                             |  |                          | Module 2 Balancing<br>Tank Section | 1000          | 10         | 4        |
|      |                             |  |                          | Module 2 RAS<br>Section            | 1200          | 6.5        | 4        |

|            |           |           |          |           | _ |           |
|------------|-----------|-----------|----------|-----------|---|-----------|
|            |           |           |          |           | 1 |           |
|            |           |           |          |           |   |           |
|            |           |           |          |           |   |           |
|            |           |           |          |           |   |           |
| Contractor | Witness 1 | Witness 2 | Employer | Witness 1 | _ | Witness 2 |

Page 63 of 146

| Item | Plant          | Premises Address  | GPS<br>Coordinates       | Location                           | Diameter (mm) | Length (m) | Quantity |
|------|----------------|---|--------------------------|------------------------------------|---------------|------------|----------|
|      |                |   |                          | Module 3 Balancing<br>Tank Section | 1000          | 10         | 4        |
|      |                |   |                          | Module 3 RAS<br>Section            | 1200          | 6.5        | 4        |
|      |                |   |                          | Module 4 Balancing<br>Tank Section | 1000          | 10         | 4        |
|      |                |   |                          | Module 4 RAS<br>Section            | 800           | 6          | 5        |
| 8.   | Heidelburg WCW | Portion 28, farm<br>Boschoek, Vaaldam<br>Road, Heidelberg | -26.539569,<br>28.330292 | RAS Section                        | 500           | 5          | 2        |

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

#### 2.1.6 SCOPE OF WORK

#### 2.1.6.1 Archimedes Screw Pump Service

The normal service shall include, but not limited to the following.

The servicing of the equipment will be at the discretion of ERWAT on an as and when required basis. The table below is only an indication of possible activities to be included:

| Archimedes Screw Pump Service  |               |  |  |  |  |  |
|--|---------------|--|--|--|--|--|
| Minor and Major Service  | Minor / Major |  |  |  |  |  |
| Investigate or inspect the greasing system or the whole screw pump fault, and submit report for approval with quotation to fix it  | Inspection    |  |  |  |  |  |
| <ul> <li>Empty the screw sump/pit, clean properly including the removal of grit<br/>and sand off the screw body.</li> </ul>  | Minor         |  |  |  |  |  |
| <ul> <li>Remove and clean the centre tube (screw body), and inspect the<br/>equipment for any indication of corrosion, deformation, etc, which may<br/>lead to equipment poor performance or results in major failures.</li> </ul> | Major         |  |  |  |  |  |
| <ul> <li>The splash plates shall be checked and inspected for any signs of<br/>deformation and corrosion.</li> </ul>   | Minor         |  |  |  |  |  |
| The top and bottom bearings shall be dismounted to conduct inspections and checks for any deformation.   | Major         |  |  |  |  |  |
| The bearings shall be greased post the inspection.   | Minor         |  |  |  |  |  |
| The bearings shall be changed if deemed necessary and this can only be done after consultation as well as approval from the Engineer or his appointed ERWAT representative (Maint. Manager)  | Major         |  |  |  |  |  |
| The grease lubricators shall be repaired and serviced.   | Minor         |  |  |  |  |  |
| Check and inspect the rigidity/stability of mounting plates as well as any signs of deformation or corrosion and tighten where necessary.  | Minor         |  |  |  |  |  |
| Change and replace v-belts where necessary.  | Minor         |  |  |  |  |  |
| Fasten/Tighten all bolts and check alignment.  | Minor         |  |  |  |  |  |
| The bolts shall be tightened as per torques (Nm) specified by the OEM.   | Minor         |  |  |  |  |  |
| Check primary couplings, secondary couplings and coupling guards.  | Minor         |  |  |  |  |  |
| <ul> <li>Couplings shall be changed if necessary and this can only be done after<br/>consultation as well as approval from the Engineer or his appointed<br/>ERWAT representative.</li> </ul>                                      | Minor         |  |  |  |  |  |
| <ul> <li>Corrosion protection coating shall be applied to all items which shows<br/>signs of erosion.</li> </ul>   | Major         |  |  |  |  |  |

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

| Check trough and screw clearance as per OEM specifications.  | Major |
|--|-------|
| <ul> <li>The contractor shall conduct inspections which will be scheduled<br/>quarterly. Detailed reports with recommendations shall be submitted post<br/>all inspections.</li> </ul> | Minor |
| Clean and degrease the equipment.  | Minor |

### 2.1.6.2 Gearbox service and repair work

| Gearbox Service and repairs           |               |
|---------------------------------------|---------------|
| Inspection                            | Minor / Major |
| Oil Test for metal fillings           | Minor         |
| Noise                                 | Minor         |
| Heat                                  | Minor         |
| Leaks and re-fill if necessary        | Minor         |
| Repairs to be done as and when needed | Minor / Major |
| Fabricate new gears and shaft.        | Major         |
| Replace all bearings with new.        | Major         |
| Replace all seals with new.           | Major         |
| Repair the casing.                    | Major         |
| Drain old oil and replace with new.   | Major         |
| Assemble, sandblast, paint and test.  | Major         |
| Deliver, install and commission.      | Major         |
|                                       |               |

| Obs | ervations and  | Measurements   | during Mainte | nance |   |           |           |   |
|-----|----------------|--|---------------|-------|---|-----------|-----------|---|
| •   | Couplings (pri | I before service<br>imary and secor<br>I after maintenal |               | •     | mm/S):<br>± (mm):<br>RMS mm/S<br>(hours): | S:        |           |   |
|     | Contractor     | Witness 1  | Witness 2     | Ei    | nployer                                   | Witness 1 | Witness 2 | ] |

#### 2.1.6.3 Spare Parts

The spare parts listed below is a guide to assist bidders in terms of the tender, but not comprehensive or limited to the below list:

The following critical spares apply to Archimedes Screw Pumps at various ERWAT Plants

- Mechanical Grease Pump
- Journal Bottom Bearings

Please note that all components or parts removed must be left on site as directed.

#### 2.1.6.4 Disposal of Waste

- Disposal of waste according to the instructions of the local authorities (Bylaws).
- Lubricating grease can be disposed of as combustible waste.
- Used lubricating oil and or grease to be treated as chemical waste and its disposal should be according to the instructions of the local authorities.
- Oil and or grease moistened cloths used for oil and or grease absorption can be disposed of as Combustible waste.
- Iron and metal from the replacement of Archimedes Screw Pump parts can be removed as scrap.

#### 2.1.6.5 Special Terms and Conditions of the Project

- During bid evaluation phase, ERWAT will at its discretion conduct or appoint an inspection authority to perform a site inspection on prospective supplier's workshops to assess their ability and capability to supply a quality product.
- If a supplier is given an order to supply ERWAT with any service and/or product/s, ERWAT reserves the right to have free access to the repairs premises in order to perform investigation tests, inspect the product, processes and materials used. Where the supplier is a third party (i.e. is an agent of the manufacturer), ERWAT reserves the right to inspect their warehousing of the material.
- If such an inspection reveals unsatisfactory condition(s), ERWAT shall temporarily stop further delivery, and if the unsatisfactory condition(s) cannot be resolved, ERWAT will take necessary steps to terminate the contract. Any additional work that needs to be done to bring the product to the required standard will be on the supplier's account.
- Compliance to the Occupational health and safety act (Act No 85 of 1993) and all other legislative provisions will be enforced.
- All the Works: Maintenance, Servicing and Repairs shall be executed in accordance with the OEM Requirements/Standards. ERWAT reserves the right to inspect repairs and maintenance as well as parts removed and installed. Bidders will be required to submit proof thereof including invoice for parts/services from the OEM.

#### **HOURS**

- Working (office Hours): Monday to Friday, between 07:30 to 16:00.
- After hours: Monday to Friday between 16:01 to 07:29 and Weekends and public holidays.

The authorization to work afterhours is required from the designated ERWAT representative, which must be done in writing and authorized before the such work commences.

| Contractor Witi | tness 1 Witness 2 | Employer | Witness 1 | Witness 2 |  |
|-----------------|-------------------|----------|-----------|-----------|--|

Page 67 of 146

| RESPONSE TIME  |
|--|
| Due to the nature of service required it is crucial that bidders adhere to the response times that will be finalized at the time of signing the SLA and will be monitored as such. |
|  |
|  |
|  |
|  |
|  |
|  |
|  |
|  |
|  |
|  |
|  |
|  |
|  |
|  |
|  |
|  |
|  |
|  |
|  |
|  |
|  |

Witness 1

Contractor

Witness 2

Employer

Witness 1

Witness 2

### 2.2 EVALUATION CRITERIA

#### 1. **EVALUATION**

#### 1.1 TECHNICAL / FUNCTIONALITY EVALUATION

Potential service providers will have to achieve minimum number of **points out of 100** for their technical proposals before their financial proposals and B-BBEE status are evaluated as set out the tables below. This is required so that there is a level of comfort that the potential service provider can deliver the project with the required professionalism and quality.

#### 1.1.1 Scoring Process

The Technical / Functional Evaluation Task Team will be established to determine the following:

- Whether or not the Bidder understood the project specifications.
- The bidders experience with similar projects.
- The suitability of the bidder's proposed Plant and Equipment.
- The qualifications and experience of the key staff proposed.
- The suitability of Sub-Contractors proposed.

No alteration of technical / functionality proposals will be permitted after the deadline for receipt of bids. Questions may be asked for clarification needed to evaluate their proposals, but bidders would not be permitted to change the substance or price of their bids after bid opening. Requests for clarification and the bidder's responses would be made in writing. No interviews will be conducted in this regard.

Functionality Documentation must either be attached to the applicable Returnable Schedule as stated below or can be bound into a separate volume and clearly referenced to in each of the applicable schedules. If the functionality document is not attached to the page or clearly referenced it will be deemed not to have been included.

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

The score for the Technical / Functionality Evaluation will be calculated in accordance with the table below:

| CRITERION   | CRITERION DETAILS   |     |  |  |
|---|---|-----|--|--|
| COMPANY EXPERIENCE  (Only signed completion certificates and or reference letters on the letters of the previous clients / employers with clear description of works, contact person and details will be accepted) Please complete the company experience form below. | Bidders are required to submit signed reference letters or completion certificates as proof of experience in repairs of Archimedes Screw Pumps (on the respective client's letterheads):  Kindly attach reference letters and or completion certificate. Please note that orders, invoices and appointment letters do not constitute proof of works completed satisfactorily and thus do not count:  4 letters and or completion certificate = 40 points 3 letters and or completion certificate = 30 points 2 letters and or completion certificate = 20 points 1 letter and or completion certificate = 10 points None, uncontactable or denied references = 0 points | 40  |  |  |
| Expertise of key staff (Bidders are to provide CVs including signed testimonial letters and or record of service)   | Mechanical Fitter: Trade tested mechanical fitter/artisan according to QCTO or department of labour  None = 0 1 - 3 Years' of experience = 05 4 - 5 Years' of experience = 10 More than 5 but less than 10 years' experience = 20   | 20  |  |  |
| Company Equipment and Tools<br>(This will be verified and<br>confirmed at the scheduled site /<br>workshop inspection during the<br>bid evaluation phase)   | The bidder must submit proof and a list of the company working equipment and tools. Bidders will be scored as per the attached schedule during the bid evaluation stage.  Workshop / site inspection = 90 – 100 points = 40  Workshop / site inspection = 50 – 89 points = 20  Workshop / site inspection = 49 and less points = 0  |     |  |  |
| TOTAL   | Bidder must score a minimum of <u>75</u> points to be considered for further evaluation   | 100 |  |  |

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

Page 70 of 146

The company equipment, tools and workshop requirements will be scored as per the table below. Lease agreement or ownership of mobile cranes and or workshops will be accepted, on all other equipment outright ownership required, ERWAT reserves the right to verify:

| Item No. | Description                     | Maximum Points | Score |
|----------|---------------------------------|----------------|-------|
|          | Lifting Equipment               | 10             |       |
| 1        | Workshop Crane (10 ton)         | 2              |       |
| 2        | Mobile crane greater than 8 Ton | 3              |       |
| 3        | Mobile crane below 8 Ton        | 2              |       |
| 4        | Chain Block (8 Ton)             | 2              |       |
| 5        | 4 x Slings (8 Ton)              | 1              |       |
|          | Machining Equipment             | 10             |       |
| 4        | Lathe                           | 5              |       |
| 5        | Coolant                         | 2              |       |
| 6        | Tool box with tools             | 3              |       |
|          | Fitting Equipment               | 10             |       |
| 7        | Bearing Pullers                 | 2              |       |
| 8        | Bearing Heater(s)               | 2              |       |
| 9        | Hydraulic Press                 | 4              |       |
| 10       | Work Bench                      | 2              |       |
|          | Documentation                   | 5              |       |
| 10       | Staff Organogram                | 2              |       |
| 11       | Work instruction on Machinery   | 1              |       |
| 12       | Lifting Equipment Certificates  | 1              |       |
| 13       | Evacuation Plan                 | 1              |       |
|          | Safety Equipment                | 5              |       |
| 14       | First Aid Kit                   | 3              |       |
| 15       | Fire extinguishers              | 1              |       |
| 16       | Warning signs                   | 1              |       |

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

Page 71 of 146

#### PREVIOUS COMPANY EXPERIENCE

Provide the following information on <u>relevant</u> previous experience (<u>indicate specifically</u> projects of similar or larger size and/or which is similar with regard to type of work. Kindly note that reference letters must be signed by the company on their respective letterhead for whom the service provider has rendered the services, must be contactable, give full details of name, surname, cell phone number, landline, e-mail address and physical business address.

Failure to submit contactable references may render your bid invalid and may be disqualified.

Kindly note that reference letters must be for individual contracts. More than one reference letter for one specific contract will be seen as one reference irrespective of the number of letters/certificates attached.

|                               | Value (D. VAT           | Contract        | Reference           |              |                        |                   |                |                  |
|-------------------------------|-------------------------|-----------------|---------------------|--------------|------------------------|-------------------|----------------|------------------|
| Contract number & Description | Value (R, VAT included) | Contract period | Full Name & Surname | Organisation | Office landline number | Cell phone number | e-mail address | Physical Address |
|                               |                         |                 |                     |              |                        |                   |                |                  |
|                               |                         |                 |                     |              |                        |                   |                |                  |
|                               |                         |                 |                     |              |                        |                   |                |                  |
|                               |                         |                 |                     |              |                        |                   |                |                  |
|                               |                         |                 |                     |              |                        |                   |                |                  |
|                               |                         |                 |                     |              |                        |                   |                |                  |
|                               |                         |                 |                     |              |                        |                   |                |                  |
|                               |                         |                 |                     |              |                        |                   |                |                  |
|                               |                         |                 |                     |              |                        |                   |                |                  |
|                               |                         |                 |                     |              |                        |                   |                |                  |

| L | Contractor | Witness 1 | ļ | Witness 2 | Employer | Witness 1 | Witness 2 |
|---|------------|-----------|---|-----------|----------|-----------|-----------|
|   |            |           |   |           |          |           |           |
|   |            |           |   |           |          |           |           |
|   |            |           | i | r         |          |           |           |

#### **ERWAT GENERAL NOTES:**

- Suppliers are to note that ERWAT reserves the right to award this Contract to more than one Service Provider.
- ERWAT reserves the right to appoint one or more than one bidder. The number of bidders that will be appointed and the allocation of activities or items per bidder will be at ERWATs discretion.
- The lowest bidding price will not necessarily be accepted and ERWAT reserves the right to determine market related rate to be offered to the successful bidders.
- The rates of the highest scoring bidder subject to market evaluation (market related rate) will be offered to the second, third and fourth highest scoring bidders.

Appointed bidders and their personnel will be required to but not limited to:

- Attend site induction training before any work can be undertaken.
- Request and Receive all the relevant work permits/access control and authorizations have to be obtained before any work can be undertaken after approval of the Safety and Health Plan.
- The relevant requirement with regards to the Occupational Health and safety act has to be complied
  with, with particular reference to the safety file in accordance with the relevant commodity and scope
  of work items covered by this document taking into consideration that the most current regulation will
  always take precedence.
- Submit proof that all the required equipment, tools, consumables, etc. required to perform the work as per the Contract shall be provided by the Contractor.

**ERWAT** reserves the right to hold the Contractor responsible for any equipment or infrastructure belonging to ERWAT that may be damaged or lost due to Contractor's negligence, carelessness or poor workmanship.

#### PENALTIES – DELIVERY

The Contractor will be penalised in terms of Clause 22 of the National Treasury General Conditions of Contract attached hereto in Section 3.

#### **CONTRACT DOCUMENT**

The contract document to be used for this tender will be the ERWAT standard SLA (Service Level Agreement) which will be the binding contract between ERWAT and the successful bidder. Reference will be made to the successful bidder's tender document.

#### **PAYMENTS**

- (a) All payments will be discussed and agreed upon on the SLA.
- (b) Standard payment terms are 30 Days from receipt of valid invoice/tax invoice and statement.

ERWAT will not accept any responsibility for the payment of any invoices submitted by a successful bidder(s) if the relevant invoice does not reflect an official ERWAT order number.

|            | 1 |           |   |           | 1 |          | 1 |           |           |     |
|------------|---|-----------|---|-----------|---|----------|---|-----------|-----------|-----|
|            |   |           |   |           |   |          |   |           |           |     |
|            |   | 140       | ļ | 1451      | ] | L        | ] | 1477      | 145'      | l . |
| Contractor |   | Witness 1 |   | Witness 2 |   | Employer |   | Witness 1 | Witness 2 |     |

#### <u>DISCLAIMER – WITHOUT PREJUDICE</u>

While every effort is made to ensure that specifications are drafted in an unbiased manner to allow all potential suppliers to offer their goods or services as set in Regulation 27 of the MFMA Act - SCM Regulations, ERWAT assumes no liability or responsibility for the completeness, accuracy or usefulness of any of the information.

However, in the event that reference is made (intentional or non-intentional) to a particular trade mark, name, patent, design, type, specific origin or producer, ERWAT's intent is of such that there is no other sufficiently precise or intelligible way of describing the characteristics of the works/goods/services required, in which case the bidder must interpret such reference as indicative only and is thus required to offer such and or an equivalent.

Any reference to any of the above potential trade barriers must be seen to include the word "equivalent".

Bidders may submit alternative offers subject to such meeting all the minimum standards, specifications, technical data and or legislative provisions applicable to such.

ERWAT does however reserve the right to scrutinise any alternative offers but is under no obligation to accept or award on any alternative offer submitted.

#### **CONFIDENTIALITY**

Over and above the provisions of clause B34 of the general conditions the following will apply. In the process of representing the ERWAT in any matter the Bidder will have access to sensitive and confidential information. All information accessed, obtained or collected by Bidder and/or its employees must at all times be kept confidential and not be disclosed to any other person without the prior and written authorisation of the ERWAT.

In addition, information may not be used for personal gain by the Bidder or the Bidder's business, any employee, sub-contractor or any agent of the Bidder or any other person, body or organisation, or family receiving the information or data through the Bidder, or any of their employees or agents.

Failure to observe these conditions will constitute a breach of contract, which could result in termination of this contract

#### PROMOTION OF ACCESS TO INFORMATION ACT, ACT 2 OF 2000

Bidder will be required to fully comply with the requirements of the Access to Information Act, Act 2 of 2000.

In terms of the Promotion of Access to Information Act, Act 2 of 2000, ERWAT is obliged and compelled to provide certain information to the general public.

The Bidder as part of his/her function in collecting data on behalf of ERWAT will be required to comply with the provisions of the Promotion of Access to Information Act, Act 2 of 2000.

The extent where to a bidder will be obliged to supply or refuse the supply of information in terms of the Act will be determined in consultation with ERWAT.

#### **EXTRACTION OF AND DESTROYING OF DATA**

Bidders are required to submit to ERWAT all data in a readable, accessible format at the end of their contract.

Bidders will be required to keep records of such data for a minimum period of 6 months where after such must be destroyed and proof thereof submitted to ERWAT.'

| , | Contractor | Witness 1 | <br>Witness 2 | • | Employer | <u>.</u> 1 | Witness 1 | <br>Witness 2 |  |
|---|------------|-----------|---------------|---|----------|------------|-----------|---------------|--|

Page 74 of 146

### WARRANTY/GUARANTEE OF PARTS/WORKMANSHIP

Bidders must note that warranties/guarantees are applicable to this bid and bidders will be required to submit such on delivery of works/parts with the delivery note, invoice and statement. Kindly note that payment will only be affected upon final inspection and to the satisfaction of the relevant Supervisor and or Manager. Thus the warranty and guarantee is linked to a successful final inspection.

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

### 2.3 PRICING SCHEDULE

#### **PRICING INSTRUCTIONS:**

Bidders must price for the line items as set out below. This is a rates based tender and therefore no quantities, sub totals and totals will be applicable in the pricing schedule and orders may be issued at the rates on an as and when required basis to not exceed the available budget for such throughout the contract period.

Bidders are required to take into consideration all aspects before pricing to ensure the most cost-effective solution for ERWAT during the term of this contract.

Items placed on order must be delivered at the relevant site as per the table in section 2.6 of this document.

The successful bidder will be required to submit a quote for the works required prior to being issued an official order and will be limited to the rates as set out herein.

Bidders are required to price for all direct and indirect cost relating to the execution of the contract (example: labour, transport, crane rental, etc.)

Bidders should note that the quantity stipulated in the table below is indicative and ERWAT reserves the right to increase/decrease the quantity as the need arises.

Evaluation for price scoring will be done by calculating the line items in the table below to an indicative sum to determine the highest scoring bidder as provided for in the PPPFA Regulation 2017.

Bidders should also note that the pricing must be as presented in the tables below, failure to do so will result in disqualification.

Please complete the BOQ in full. Incomplete BOQ will also lead into disqualification.

The pricing instruction excel spreadsheet will be issued to bidders who attended the compulsory briefing session only and submitted on the date of closure of the tender. This will be utilized for the ease of reference and evaluation purposes only. The spreadsheet must be submitted to the SCM Public tender e-mail address: <a href="mailto:publictenders@erwat.co.za">publictenders@erwat.co.za</a>. Please note the BOQ submitted in writing will be deemed the legal and final pricing of this tender.

Prices should include Civil, Mechanical and Electrical work / equipment / modifications / labour and consumables.

All costs for consumables shall be added on the rates as per repair or maintenance of any item/equipment.

Pricing will be done as per list of plants as stated in the document.

NB: The following equipment is currently onsite & bidders must take note thereof for pricing purposes

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

# 2.3.1. Cost Breakdown for Services and Repair of Equipment

2.3.1.1 WATERVAL WWCW - Inlet works Emergency dam section. Screw Pump 1-3.

| Cost Breakdown for Service and Repair   |             |          |  |  |
|---|-------------|----------|--|--|
| ( Equipment removal, collect, repair/service, return, installation and commission including labour, travelling, tools, equipment and consumables)   |             |          |  |  |
| INSPECTIONS AND SERVICE   |             |          |  |  |
| Inspection Rate   |             |          |  |  |
| Minor service   |             |          |  |  |
| Major service   |             |          |  |  |
| EQUIPMENT SPARES  |             |          |  |  |
|   | Price I     | ncl. VAT |  |  |
| Description   | New         | Repair   |  |  |
| Top Bearing   |             | N/A      |  |  |
| Top Bearing Housing   |             |          |  |  |
| Top Shaft   |             |          |  |  |
| Bottom Bearing, Phosfor bronze PB1  |             |          |  |  |
| Bottom Bearing Housing  |             |          |  |  |
| Bottom Shaft  |             |          |  |  |
| Primary Coupling  |             | N/A      |  |  |
| Secondary Coupling  |             | N/A      |  |  |
| Grease Lubricator   |             |          |  |  |
| Splash Plate  |             |          |  |  |
| Gearbox base plate  |             |          |  |  |
| Top Bearing base plate  |             |          |  |  |
| Bottom Bearing base plate   |             |          |  |  |
| Corrosion protection (painting and corrosion coating). The screw must be sandblasted to SA 2.5 microns. Apply Carboline 891 Pipe blue between 100 and 150 Microns per coat x 3 coats; first coat Biscuit, second coat white and final coat blue. The dry film thickness must be a minimum of 300 microns Mq.  Grease pipes (per meter) Stainless Steel. |             |          |  |  |
| GEARBOX REPAIRS AND SERVICE – 22kW Siemens Gearbox  |             |          |  |  |
| CLARDON REFAIRD AND SERVICE LERW SIGNICITS GEALDON  | Price Incl. |          |  |  |
| Description   | VAT         |          |  |  |
| Remove Gearbox ( + Crane Hire)  |             |          |  |  |
| Collect Gearbox   |             |          |  |  |
| Dismantle Gearbox   |             |          |  |  |
| Replace bearings  |             |          |  |  |
| Replace gears (first stage set, intermediary set and output pinion)   |             |          |  |  |
| Replace shaft   |             |          |  |  |
| Replace oil seal  |             |          |  |  |
| Assembly  |             |          |  |  |
| Sand blast  |             |          |  |  |
| Paint   |             |          |  |  |
|   | 1           |          |  |  |
| Contractor Witness 1 Witness 2 Employer   | Witness 1   | Witne    |  |  |

| Deliver                        |  |
|--------------------------------|--|
| Installation and commissioning |  |
| Gearbox maintenance per unit   |  |

# 2.3.1.2 WATERVAL WWCW - Module 1 stage 1 RAS section. Screw pump 1-2.

| Cost Breakdown for Service and Repair   |             |          |  |  |  |  |
|---|-------------|----------|--|--|--|--|
| ( Equipment removal, collect, repair/service, return, installation and commission including labour, |             |          |  |  |  |  |
| travelling, tools, equipment and consumables)   |             |          |  |  |  |  |
| <b>0</b> , , , . , . , . , . , . , . ,  | .,          |          |  |  |  |  |
| INSPECTIONS   |             |          |  |  |  |  |
| Inspection Rate   |             |          |  |  |  |  |
| Minor service   |             |          |  |  |  |  |
| Major service   |             |          |  |  |  |  |
| EQUIPMENT SPARES  | L           |          |  |  |  |  |
| · · · · · · · · · · · · · · · · · · ·   | Price I     | ncl. VAT |  |  |  |  |
| Description   | New         | Repair   |  |  |  |  |
| Top Bearing   |             | N/A      |  |  |  |  |
| Top Bearing Housing   |             | •        |  |  |  |  |
| Top Shaft   |             |          |  |  |  |  |
| Bottom Bearing. Phosfor bronze PB1  |             |          |  |  |  |  |
| Bottom Bearing Housing  |             |          |  |  |  |  |
| Bottom Shaft  |             |          |  |  |  |  |
| Primary Coupling  |             | N/A      |  |  |  |  |
| Secondary Coupling  |             | N/A      |  |  |  |  |
| Grease Lubricator   |             | •        |  |  |  |  |
| Splash Plate  |             |          |  |  |  |  |
| Gearbox base plate  |             |          |  |  |  |  |
| Top Bearing base plate  |             |          |  |  |  |  |
| Bottom Bearing base plate   |             |          |  |  |  |  |
| 0 · · · · · · · · · · · · · · · · · · ·   |             |          |  |  |  |  |
| Corrosion protection (painting and corrosion coating). The screw must                               |             |          |  |  |  |  |
| be sandblasted to SA 2.5 microns. Apply Carboline 891 Pipe blue                                     |             |          |  |  |  |  |
| between 100 and 150 Microns per coat x 3 coats; first coat Biscuit,                                 |             |          |  |  |  |  |
| second coat white and final coat blue. The dry film thickness must be a                             |             |          |  |  |  |  |
| minimum of 300 microns Mq.  |             |          |  |  |  |  |
| Grease pipes (per meter) Stainless Steel  |             |          |  |  |  |  |
| Covering for screw pumps GRP(Glass Polyester Grating 383838 – Grit –                                |             |          |  |  |  |  |
| Open Mesh – Green – 2440X1220 with Stainless steel 316 Frame and                                    |             |          |  |  |  |  |
| Brackets)   |             |          |  |  |  |  |
| GEARBOX REPAIRS AND SERVICE – 15kW Siemens Gearbox  |             |          |  |  |  |  |
|   |             |          |  |  |  |  |
|   | Price Incl. |          |  |  |  |  |
| Description   | VAT         |          |  |  |  |  |
| Remove Gearbox ( + Crane Hire)  |             |          |  |  |  |  |
| Collect Gearbox   |             |          |  |  |  |  |
|   |             |          |  |  |  |  |
|   |             |          |  |  |  |  |

| Contractor | Witness 1 | Witness 2 | • | Employer | • | Witness 1 | Witness 2 |
|------------|-----------|-----------|---|----------|---|-----------|-----------|
|            |           |           |   |          |   |           |           |
|            |           |           |   |          |   |           |           |

| Dismantle Gearbox   |  |
|---|--|
| Replace bearings  |  |
| Replace gears (first stage set, intermediary set and output pinion) |  |
| Replace shaft   |  |
| Replace oil seal  |  |
| Assembly  |  |
| Sand blast  |  |
| Paint   |  |
| Deliver   |  |
| Installation and commissioning                                      |  |
| Gearbox maintenance per unit  |  |

# 2.3.1.3 WATERVAL WWC - Module 1 stage 2 RAS section. Screw Pump 1-2.

| Cost Breakdown for Service and Repair   |         |          |  |  |  |
|---|---------|----------|--|--|--|
| ( Equipment removal, collect, repair/service, return, installation and commission including labour, |         |          |  |  |  |
| travelling, tools, equipment and consumables)   |         |          |  |  |  |
|   |         |          |  |  |  |
| INSPECTIONS   |         |          |  |  |  |
| Inspection Rate   |         |          |  |  |  |
| Minor service   |         |          |  |  |  |
| Major service   |         |          |  |  |  |
| EQUIPMENT SPARES  |         |          |  |  |  |
|   | Price I | ncl. VAT |  |  |  |
| Description   | New     | Repair   |  |  |  |
| Top Bearing   |         | N/A      |  |  |  |
| Top Bearing Housing   |         |          |  |  |  |
| Top Shaft   |         |          |  |  |  |
| Bottom Bearing. Phosfor bronze PB1  |         |          |  |  |  |
| Bottom Bearing Housing  |         |          |  |  |  |
| Bottom Shaft  |         |          |  |  |  |
| Primary Coupling  |         | N/A      |  |  |  |
| Secondary Coupling  |         | N/A      |  |  |  |
| Grease Lubricator   |         |          |  |  |  |
| Splash Plate  |         |          |  |  |  |
| Gearbox base plate  |         |          |  |  |  |
| Top Bearing base plate  |         |          |  |  |  |
| Bottom Bearing base plate   |         |          |  |  |  |
|   |         |          |  |  |  |
| Corrosion protection (painting and corrosion coating). The screw must                               |         |          |  |  |  |
| be sandblasted to SA 2.5 microns. Apply Carboline 891 Pipe blue                                     |         |          |  |  |  |
| between 100 and 150 Microns per coat x 3 coats; first coat Biscuit,                                 |         |          |  |  |  |
| second coat white and final coat blue. The dry film thickness must be a                             |         |          |  |  |  |
| minimum of 300 microns Mq.  |         |          |  |  |  |
| Grease pipes (per meter) Stainless Steel  |         |          |  |  |  |
|   |         |          |  |  |  |

| Covering for screw pumps GRP(Glass Polyester Grating 383838 – Grit – |             |  |
|--|-------------|--|
| Open Mesh – Green – 2440X1220 with Stainless steel 316 Frame and     |             |  |
| Brackets)  |             |  |
| GEARBOX REPAIRS AND SERVICE – 15kW Siemens Gearbox                   |             |  |
|  |             |  |
|  | Price Incl. |  |
| Description  | VAT         |  |
| Remove Gearbox ( + Crane Hire)                                       |             |  |
| Collect Gearbox  |             |  |
| Dismantle Gearbox  |             |  |
| Replace bearings   |             |  |
| Replace gears (first stage set, intermediary set and output pinion)  |             |  |
| Replace shaft  |             |  |
| Replace oil seal   |             |  |
| Assembly   |             |  |
| Sand blast   |             |  |
| Paint  |             |  |
| Deliver  |             |  |
| Installation and commissioning                                       |             |  |
| Gearbox maintenance per unit   |             |  |
|  |             |  |

### **2.3.1.4 WATERVAL WWCW** - Module 2 Balancing Tank section. Screw Pump 1-4.

| Cost Breakdown for Service and Repair   |     |        |  |  |  |
|---|-----|--------|--|--|--|
| ( Equipment removal, collect, repair/service, return, installation and commission including labour, |     |        |  |  |  |
| travelling, tools, equipment and consumables  | )   |        |  |  |  |
| INSPECTIONS   |     |        |  |  |  |
| Inspection Rate   |     |        |  |  |  |
| Minor service   |     |        |  |  |  |
| Major service   |     |        |  |  |  |
| EQUIPMENT SPARES  |     |        |  |  |  |
| Price Incl. VAT   |     |        |  |  |  |
| Description   | New | Repair |  |  |  |
| Top Bearing   |     | N/A    |  |  |  |
| Top Bearing Housing   |     |        |  |  |  |
| Top Shaft   |     |        |  |  |  |
| Bottom Bearing. Phosfor bronze PB1  |     |        |  |  |  |
| Bottom Bearing Housing  |     |        |  |  |  |
| Bottom Shaft  |     |        |  |  |  |
| Primary Coupling  |     | N/A    |  |  |  |
| Secondary Coupling  |     | N/A    |  |  |  |
| Grease Lubricator   |     |        |  |  |  |
| Splash Plate  |     |        |  |  |  |
| Gearbox base plate  |     |        |  |  |  |
| Top Bearing base plate  |     |        |  |  |  |
|   |     |        |  |  |  |

| Į | Contractor | Witness 1 | Witness 2 | Employer | Witness 1 | Witness 2 |
|---|------------|-----------|-----------|----------|-----------|-----------|
|   |            |           |           |          |           |           |
| ſ |            |           |           |          |           |           |

Page 80 of 146

| Corrosion protection (painting and corrosion coating). The screw must be sandblasted to SA 2.5 microns. Apply Carboline 891 Pipe blue between 100 and 150 Microns per coat x 3 coats; first coat Biscuit, second coat white and final coat blue. The dry film thickness must be a minimum of 300 microns Mq.  Grease pipes (per meter) Stainless Steel  Covering for screw pumps GRP(Glass Polyester Grating 383838 – Grit – Open Mesh – Green – 2440X1220 with Stainless steel 316 Frame and Brackets)  GEARBOX REPAIRS AND SERVICE – 18.5kW Siemens Gearbox  Price Inc.  Description  Price Inc.  VAT  Remove Gearbox ( + Crane Hire)  Collect Gearbox  Dismantle Gearbox  Replace bearings  Replace gears (first stage set, intermediary set and output pinion)  Replace shaft  Replace oil seal  Assembly  Sand blast | cl. |
|---|-----|
| be sandblasted to SA 2.5 microns. Apply Carboline 891 Pipe blue between 100 and 150 Microns per coat x 3 coats; first coat Biscuit, second coat white and final coat blue. The dry film thickness must be a minimum of 300 microns Mq.  Grease pipes (per meter) Stainless Steel  Covering for screw pumps GRP(Glass Polyester Grating 383838 – Grit – Open Mesh – Green – 2440X1220 with Stainless steel 316 Frame and Brackets)  GEARBOX REPAIRS AND SERVICE – 18.5kW Siemens Gearbox  Price Inc Description  Price Inc VAT  Remove Gearbox ( + Crane Hire)  Collect Gearbox  Dismantle Gearbox  Replace bearings  Replace gears (first stage set, intermediary set and output pinion)  Replace shaft  Replace oil seal  Assembly   | cl. |
| Covering for screw pumps GRP(Glass Polyester Grating 383838 – Grit – Open Mesh – Green – 2440X1220 with Stainless steel 316 Frame and Brackets)  GEARBOX REPAIRS AND SERVICE – 18.5kW Siemens Gearbox  Price Inc Description  VAT  Remove Gearbox ( + Crane Hire)  Collect Gearbox  Dismantle Gearbox  Replace bearings  Replace gears (first stage set, intermediary set and output pinion)  Replace shaft  Replace oil seal  Assembly   | cl. |
| Covering for screw pumps GRP(Glass Polyester Grating 383838 – Grit – Open Mesh – Green – 2440X1220 with Stainless steel 316 Frame and Brackets)  GEARBOX REPAIRS AND SERVICE – 18.5kW Siemens Gearbox  Price Inc Description  VAT  Remove Gearbox ( + Crane Hire)  Collect Gearbox  Dismantle Gearbox  Replace bearings  Replace gears (first stage set, intermediary set and output pinion)  Replace shaft  Replace oil seal  Assembly   | cl. |
| Open Mesh – Green – 2440X1220 with Stainless steel 316 Frame and Brackets)  GEARBOX REPAIRS AND SERVICE – 18.5kW Siemens Gearbox  Price Inc.  Description  VAT  Remove Gearbox ( + Crane Hire)  Collect Gearbox  Dismantle Gearbox  Replace bearings  Replace gears (first stage set, intermediary set and output pinion)  Replace shaft  Replace oil seal  Assembly  | cl. |
| Brackets)  GEARBOX REPAIRS AND SERVICE – 18.5kW Siemens Gearbox  Price Inc.  Description  VAT  Remove Gearbox ( + Crane Hire)  Collect Gearbox  Dismantle Gearbox  Replace bearings  Replace gears (first stage set, intermediary set and output pinion)  Replace shaft  Replace oil seal  Assembly   | cl. |
| Price Inc. Description  Description  NAT  Remove Gearbox ( + Crane Hire)  Collect Gearbox  Dismantle Gearbox  Replace bearings  Replace gears (first stage set, intermediary set and output pinion)  Replace shaft  Replace oil seal  Assembly  | cl. |
| Description  NAT  Remove Gearbox ( + Crane Hire)  Collect Gearbox  Dismantle Gearbox  Replace bearings  Replace gears (first stage set, intermediary set and output pinion)  Replace shaft  Replace oil seal  Assembly  | il. |
| Description VAT  Remove Gearbox ( + Crane Hire)  Collect Gearbox  Dismantle Gearbox  Replace bearings  Replace gears (first stage set, intermediary set and output pinion)  Replace shaft  Replace oil seal  Assembly   | cl. |
| Remove Gearbox ( + Crane Hire)  Collect Gearbox  Dismantle Gearbox  Replace bearings  Replace gears (first stage set, intermediary set and output pinion)  Replace shaft  Replace oil seal  Assembly  |     |
| Remove Gearbox ( + Crane Hire)  Collect Gearbox  Dismantle Gearbox  Replace bearings  Replace gears (first stage set, intermediary set and output pinion)  Replace shaft  Replace oil seal  Assembly  |     |
| Collect Gearbox  Dismantle Gearbox  Replace bearings  Replace gears (first stage set, intermediary set and output pinion)  Replace shaft  Replace oil seal  Assembly  |     |
| Replace bearings Replace gears (first stage set, intermediary set and output pinion) Replace shaft Replace oil seal Assembly  |     |
| Replace gears (first stage set, intermediary set and output pinion)  Replace shaft  Replace oil seal  Assembly  |     |
| Replace shaft Replace oil seal Assembly   |     |
| Replace oil seal Assembly   |     |
| Assembly  |     |
| ·   |     |
| Sand blast  |     |
|   |     |
| Paint   |     |
| Deliver   |     |
| Installation and commissioning  |     |
| Gearbox maintenance per unit  |     |

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

### 2.3.1.5. WATERVAL WWCW - Module 2 RAS Section. Screw Pump 1-4.

| Cost Breakdown for Service and Repair   |                    |          |  |  |  |  |
|---|--------------------|----------|--|--|--|--|
| ( Equipment removal, collect, repair/service, return, installation and commission including labour, travelling, tools, equipment and consumables)   |                    |          |  |  |  |  |
| INSPECTIONS   |                    |          |  |  |  |  |
| Inspection Rate   |                    |          |  |  |  |  |
| Minor service   |                    |          |  |  |  |  |
| Major service   |                    |          |  |  |  |  |
| EQUIPMENT SPARES  | 1                  |          |  |  |  |  |
|   | Price I            | ncl. VAT |  |  |  |  |
| Description   | New                | Repair   |  |  |  |  |
| Top Bearing   |                    | N/A      |  |  |  |  |
| Top Bearing Housing   |                    |          |  |  |  |  |
| Top Shaft   |                    |          |  |  |  |  |
| Bottom Bearing. Phosfor bronze PB1  |                    |          |  |  |  |  |
| Bottom Bearing Housing  |                    |          |  |  |  |  |
| Bottom Shaft  |                    |          |  |  |  |  |
| Primary Coupling  |                    | N/A      |  |  |  |  |
| Secondary Coupling  |                    | N/A      |  |  |  |  |
| Grease Lubricator   |                    |          |  |  |  |  |
| Splash Plate  |                    |          |  |  |  |  |
| Gearbox base plate  |                    |          |  |  |  |  |
| Top Bearing base plate  |                    |          |  |  |  |  |
| Bottom Bearing base plate   |                    |          |  |  |  |  |
| Corrosion protection (painting and corrosion coating). The screw must be sandblasted to SA 2.5 microns. Apply Carboline 891 Pipe blue between 100 and 150 Microns per coat x 3 coats; first coat Biscuit, second coat white and final coat blue. The dry film thickness must be a minimum of 300 microns Mq.  Grease pipes (per meter) Stainless Steel  Covering for screw pumps GRP(Glass Polyester Grating 383838 – Grit – Open Mesh – Green – 2440X1220 with Stainless steel 316 Frame and Brackets) |                    |          |  |  |  |  |
| GEARBOX REPAIRS AND SERVICE – 15kW Siemens Gearbox  |                    |          |  |  |  |  |
| Description   | Price Incl.<br>VAT |          |  |  |  |  |
| Remove Gearbox ( + Crane Hire)  | VAI                |          |  |  |  |  |
| Collect Gearbox   |                    |          |  |  |  |  |
| Dismantle Gearbox   |                    |          |  |  |  |  |
| Replace bearings  |                    |          |  |  |  |  |
| Replace gears (first stage set, intermediary set and output pinion)   |                    |          |  |  |  |  |
| Replace shaft   |                    |          |  |  |  |  |
| Replace oil seal  |                    |          |  |  |  |  |
| Assembly  |                    |          |  |  |  |  |
| 7.03CHINIY  |                    |          |  |  |  |  |
|   |                    |          |  |  |  |  |

| Sand blast                     |  |
|--------------------------------|--|
| Paint                          |  |
| Deliver                        |  |
| Installation and commissioning |  |
| Gearbox maintenance per unit   |  |

### **2.3.1.6 WATERVAL WWCW** - Module 3 Balancing Tank section. Screw Pump 1-4.

| Cost Breakdown for Service and Repair   |          |          |  |  |  |  |
|---|----------|----------|--|--|--|--|
| ( Equipment removal, collect, repair/service, return, installation and commission including labour, travelling, tools, equipment and consumables) |          |          |  |  |  |  |
| travening, tools, equipment and consumables   | PI       |          |  |  |  |  |
| INSPECTIONS   |          |          |  |  |  |  |
| Inspection Rate   |          |          |  |  |  |  |
| Minor service   |          |          |  |  |  |  |
| Major service   |          |          |  |  |  |  |
| EQUIPMENT SPARES  | 1        |          |  |  |  |  |
|   | Price II | ncl. VAT |  |  |  |  |
| Description   | New      | Repair   |  |  |  |  |
| Top Bearing   |          | N/A      |  |  |  |  |
| Top Bearing Housing   |          |          |  |  |  |  |
| Top Shaft   |          |          |  |  |  |  |
| Bottom Bearing. Phosfor bronze PB1  |          |          |  |  |  |  |
| Bottom Bearing Housing  |          |          |  |  |  |  |
| Bottom Shaft  |          |          |  |  |  |  |
| Primary Coupling  |          | N/A      |  |  |  |  |
| Secondary Coupling  |          | N/A      |  |  |  |  |
| Grease Lubricator   |          |          |  |  |  |  |
| Splash Plate  |          |          |  |  |  |  |
| Gearbox base plate  |          |          |  |  |  |  |
| Top Bearing base plate  |          |          |  |  |  |  |
| Bottom Bearing base plate   |          |          |  |  |  |  |
|   |          |          |  |  |  |  |
| Corrosion protection (painting and corrosion coating). The screw must   |          |          |  |  |  |  |
| be sandblasted to SA 2.5 microns. Apply Carboline 891 Pipe blue   |          |          |  |  |  |  |
| between 100 and 150 Microns per coat x 3 coats; first coat Biscuit,   |          |          |  |  |  |  |
| second coat white and final coat blue. The dry film thickness must be a   |          |          |  |  |  |  |
| minimum of 300 microns Mq.  |          |          |  |  |  |  |
| Grease pipes (per meter) Stainless Steel  |          |          |  |  |  |  |
| Covering for screw pumps GRP(Glass Polyester Grating 383838 – Grit –  |          |          |  |  |  |  |
| Open Mesh – Green – 2440X1220 with Stainless steel 316 Frame and Brackets)  |          |          |  |  |  |  |
| DIACKELS  |          |          |  |  |  |  |

| Contractor | Witness 1 | Mitno | L | anlover | Mitness 1 | Mitnoss 2 |
|------------|-----------|-------|---|---------|-----------|-----------|
| 1          |           |       |   |         |           |           |
|            |           |       |   |         |           |           |
|            |           |       |   |         |           |           |
|            |           |       |   |         |           |           |
|            |           | _     |   |         |           |           |

| GEARBOX REPAIRS AND SERVICE – 18.5kW Siemens Gearbox                |             |  |  |  |  |
|---|-------------|--|--|--|--|
|   | Price Incl. |  |  |  |  |
| Description   | VAT         |  |  |  |  |
| Remove Gearbox ( + Crane Hire)                                      |             |  |  |  |  |
| Collect Gearbox   |             |  |  |  |  |
| Dismantle Gearbox   |             |  |  |  |  |
| Replace bearings  |             |  |  |  |  |
| Replace gears (first stage set, intermediary set and output pinion) |             |  |  |  |  |
| Replace shaft   |             |  |  |  |  |
| Replace oil seal  |             |  |  |  |  |
| Assembly  |             |  |  |  |  |
| Sand blast  |             |  |  |  |  |
| Paint   |             |  |  |  |  |
| Deliver   |             |  |  |  |  |
| Installation and commissioning                                      |             |  |  |  |  |
| Gearbox maintenance per unit  |             |  |  |  |  |

### 2.3.1.7 WATERVAL WWCW - Module 3 RAS section. Screw Pump 1-4.

| Capin pent removal, collect, repair/service, return, installation and commission including labour, travelling, tools, equipment and consumables  | Cost Breakdown for Service and Repair   |                 |        |  |  |  |
|--|---|-----------------|--------|--|--|--|
| INSPECTIONS  Inspection Rate  Minor service  Major service  EQUIPMENT SPARES  Price Incl. VAT  New Repair  Top Bearing Housing Top Shaft  Bottom Bearing. Phosfor bronze PB1  Bottom Bearing Housing  Bottom Shaft Primary Coupling N/A  Secondary Coupling Splash Plate   | ( Equipment removal, collect, repair/service, return, installation and commission including labour, |                 |        |  |  |  |
| Inspection Rate  Minor service  Major service  EQUIPMENT SPARES  Price Incl. VAT  New Repair  Top Bearing Top Bearing Housing Top Shaft Bottom Bearing. Phosfor bronze PB1 Bottom Bearing Housing Bottom Shaft Primary Coupling N/A  Secondary Coupling Splash Plate   | travelling, tools, equipment and consumables)   |                 |        |  |  |  |
| Inspection Rate  Minor service  Major service  EQUIPMENT SPARES  Price Incl. VAT  New Repair  Top Bearing Top Bearing Housing Top Shaft Bottom Bearing. Phosfor bronze PB1 Bottom Bearing Housing Bottom Shaft Primary Coupling N/A  Secondary Coupling Splash Plate   |   |                 |        |  |  |  |
| Minor service    Major service   | INSPECTIONS   |                 |        |  |  |  |
| EQUIPMENT SPARES       EQUIPMENT SPARES       Price Incl. VAT       New     Repair       Top Bearing     N/A       Top Bearing Housing     Image: Color of the color o | Inspection Rate   |                 |        |  |  |  |
| EQUIPMENT SPARES       Price Incl. VAT       Description     New     Repair       Top Bearing     N/A       Top Bearing Housing  | Minor service   |                 |        |  |  |  |
| Price Incl. VATDescriptionNewRepairTop BearingN/ATop Bearing Housing   | Major service   |                 |        |  |  |  |
| Description New Repair  Top Bearing  Top Bearing Housing  Top Shaft  Bottom Bearing. Phosfor bronze PB1  Bottom Bearing Housing  Bottom Shaft  Primary Coupling  Secondary Coupling  Grease Lubricator  Splash Plate   | EQUIPMENT SPARES  |                 |        |  |  |  |
| Top Bearing Top Bearing Housing Top Shaft Bottom Bearing. Phosfor bronze PB1 Bottom Bearing Housing Bottom Shaft Primary Coupling N/A Secondary Coupling Splash Plate  |   | Price Incl. VAT |        |  |  |  |
| Top Bearing Housing  Top Shaft  Bottom Bearing. Phosfor bronze PB1  Bottom Bearing Housing  Bottom Shaft  Primary Coupling  Secondary Coupling  N/A  Grease Lubricator  Splash Plate   | Description   | New             | Repair |  |  |  |
| Top Shaft  Bottom Bearing. Phosfor bronze PB1  Bottom Bearing Housing  Bottom Shaft  Primary Coupling  N/A  Secondary Coupling  N/A  Grease Lubricator  Splash Plate   | Top Bearing   |                 | N/A    |  |  |  |
| Bottom Bearing. Phosfor bronze PB1  Bottom Bearing Housing  Bottom Shaft  Primary Coupling  N/A  Secondary Coupling  N/A  Grease Lubricator  Splash Plate  | Top Bearing Housing   |                 |        |  |  |  |
| Bottom Bearing Housing  Bottom Shaft  Primary Coupling  Secondary Coupling  N/A  Grease Lubricator  Splash Plate   | Top Shaft   |                 |        |  |  |  |
| Bottom Shaft Primary Coupling N/A Secondary Coupling N/A Grease Lubricator Splash Plate  | Bottom Bearing. Phosfor bronze PB1  |                 |        |  |  |  |
| Primary Coupling  Secondary Coupling  N/A  N/A  Grease Lubricator  Splash Plate  | Bottom Bearing Housing  |                 |        |  |  |  |
| Secondary Coupling N/A Grease Lubricator Splash Plate  | Bottom Shaft  |                 |        |  |  |  |
| Grease Lubricator Splash Plate   | Primary Coupling  |                 | N/A    |  |  |  |
| Splash Plate   | Secondary Coupling  |                 | N/A    |  |  |  |
|  | Grease Lubricator   |                 |        |  |  |  |
| Gearbox base plate   | Splash Plate  |                 |        |  |  |  |
|  | Gearbox base plate  |                 |        |  |  |  |
| Top Bearing base plate   | Top Bearing base plate  |                 |        |  |  |  |
| Bottom Bearing base plate  | Bottom Bearing base plate   |                 |        |  |  |  |

| Comtractor | Missage 4 | M/idmana 2 | Frantauar | Mianaga 4 | • | M/idmann 2 |
|------------|-----------|------------|-----------|-----------|---|------------|
|            |           |            |           |           |   |            |
|            | 1         |            | 1         | I         | I |            |
|            |           |            |           |           |   |            |
|            |           |            |           |           |   |            |
|            |           |            |           |           |   |            |
|            |           |            |           |           |   |            |
|            |           |            |           |           | 1 |            |
|            |           |            |           |           |   |            |

Contractor Witness 1 Witness 2 Employer Witness 1 Witness 2

| Corrosion protection (painting and corrosion coating). The screw must be sandblasted to SA 2.5 microns. Apply Carboline 891 Pipe blue between 100 and 150 Microns per coat x 3 coats; first coat Biscuit, second coat white and final coat blue. The dry film thickness must be a minimum of 300 microns Mq.  Grease pipes (per meter) Stainless Steel |             |  |
|--|-------------|--|
| Covering for screw pumps GRP(Glass Polyester Grating 383838 – Grit – Open Mesh – Green – 2440X1220 with Stainless steel 316 Frame and  |             |  |
| Brackets)  |             |  |
| GEARBOX REPAIRS AND SERVICE – 15kW Siemens Gearbox   |             |  |
|  |             |  |
|  | Price Incl. |  |
| Description  | VAT         |  |
| Remove Gearbox ( + Crane Hire)   |             |  |
| Collect Gearbox  |             |  |
| Dismantle Gearbox  |             |  |
| Replace bearings   |             |  |
| Replace gears (first stage set, intermediary set and output pinion)  |             |  |
| Replace shaft  |             |  |
| Replace oil seal   |             |  |
| Assembly   |             |  |
| Sand blast   |             |  |
| Paint  |             |  |
| Deliver  |             |  |
| Installation and commissioning   |             |  |
| Gearbox maintenance per unit   |             |  |

### 2.3.1.8. WATERVAL WWCW - Module 4 Balancing Tank section. Screw Pump 1-4.

| Cost Breakdown for Service and Repair                                     |               |               |  |  |
|---|---------------|---------------|--|--|
| ( Equipment removal, collect, repair/service, return, installation and co | mmission incl | uding labour, |  |  |
| travelling, tools, equipment and consumables                              | s)            |               |  |  |
| INSPECTIONS   |               |               |  |  |
| INSPECTIONS   | 1             |               |  |  |
| Inspection Rate   |               |               |  |  |
| Minor service   |               |               |  |  |
| Major service   |               |               |  |  |
| EQUIPMENT SPARES  |               |               |  |  |
|   | Price I       | ncl. VAT      |  |  |
| Description   | New           | Repair        |  |  |
| Top Bearing   |               | N/A           |  |  |
| Top Bearing Housing   |               |               |  |  |
| Top Shaft   |               |               |  |  |
| Bottom Bearing. Phosfor bronze PB1  |               |               |  |  |
|   |               |               |  |  |

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

Page 85 of 146

| Bottom Bearing Housing  |             |     |
|---|-------------|-----|
| Bottom Shaft  |             |     |
| Primary Coupling  |             | N/A |
| Secondary Coupling  |             | N/A |
| Grease Lubricator   |             |     |
| Splash Plate  |             |     |
| Gearbox base plate  |             |     |
| Top Bearing base plate  |             |     |
| Bottom Bearing base plate   |             |     |
| Corrosion protection (painting and corrosion coating). The screw must be sandblasted to SA 2.5 microns. Apply Carboline 891 Pipe blue between 100 and 150 Microns per coat x 3 coats; first coat Biscuit, second coat white and final coat blue. The dry film thickness must be a minimum of 300 microns Mq.  Grease pipes (per meter) Stainless Steel  Covering for screw pumps GRP(Glass Polyester Grating 383838 – Grit – Open Mesh – Green – 2440X1220 with Stainless steel 316 Frame and Brackets) |             |     |
| GEARBOX REPAIRS AND SERVICE – 30kW Siemens Gearbox  |             |     |
| GEARDOX REI AIRS AIVE SERVICE SURVIV SICINCIIS GCAIDOX  |             |     |
|   | Price Incl. |     |
| Description   | VAT         |     |
| Remove Gearbox ( + Crane Hire)  |             |     |
| Collect Gearbox   |             |     |
| Dismantle Gearbox   |             |     |
| Replace bearings  |             |     |
| Replace gears (first stage set, intermediary set and output pinion)   |             |     |
| Replace shaft   |             |     |
| Replace oil seal  |             |     |
| Assembly  |             |     |
| Sand blast  |             |     |
| Paint   |             |     |
| Deliver   |             |     |
| Deliver   |             |     |
| Installation and commissioning  |             |     |

|            |     |           |           |     |          | ] |           |           |
|------------|-----|-----------|-----------|-----|----------|---|-----------|-----------|
|            |     |           |           |     |          |   |           |           |
| Contractor | , i | Witness 1 | Witness 2 | , i | Employer | 4 | Witness 1 | Witness 2 |

### 2.3.1.9 WATERVAL WWCW - Module 4 RAS section. Screw Pump 1-5.

| Cost Breakdown for Service and Repair   |                    |               |
|---|--------------------|---------------|
| ( Equipment removal, collect, repair/service, return, installation and co   | mmission inclu     | ıding labour, |
| travelling, tools, equipment and consumables  | s)                 |               |
| INSPECTIONS   |                    |               |
| Inspection Rate   |                    |               |
| Minor service   |                    |               |
| Major service   |                    |               |
| EQUIPMENT SPARES  |                    |               |
| No.   | Price II           | ncl. VAT      |
| Description   | New                | Repair        |
| Top Bearing   |                    | N/A           |
| Top Bearing Housing   |                    | •             |
| Top Shaft   |                    |               |
| Bottom Bearing. Phosfor bronze PB1  |                    |               |
| Bottom Bearing Housing  | †                  |               |
| Bottom Shaft  |                    |               |
| Primary Coupling  |                    | N/A           |
| Secondary Coupling  |                    | N/A           |
| Grease Lubricator   |                    |               |
| Splash Plate  |                    |               |
| Gearbox base plate  |                    |               |
| Top Bearing base plate  |                    |               |
| Bottom Bearing base plate   |                    |               |
| Corrosion protection (painting and corrosion coating. The screw must be sandblasted to SA 2.5 microns. Apply Carboline 891 Pipe blue between 100 and 150 Microns per coat x 3 coats; first coat Biscuit, second coat white and final coat blue. The dry film thickness must be a minimum of 300 microns Mq. |                    |               |
| Grease pipes (per meter) Stainless Steel  |                    |               |
| Covering for screw pumps GRP(Glass Polyester Grating 383838 – Grit – Open Mesh – Green – 2440X1220 with Stainless steel 316 Frame and Brackets)   |                    |               |
| GEARBOX REPAIRS AND SERVICE – 9.2kW Siemens Gearbox   |                    |               |
| Description   | Price Incl.<br>VAT |               |
| Description  Remove Gearbox ( + Crane Hire)   | VAI                |               |
| Collect Gearbox (+ Craffe Fire)   |                    |               |
| Dismantle Gearbox   |                    |               |
| Replace bearings  |                    |               |
|   |                    |               |
| Replace gears (first stage set, intermediary set and output pinion)  Replace shaft  |                    |               |
| Replace shaft   |                    |               |
|   |                    |               |
|   |                    |               |

| Contractor | Witness 1 | Witness 2 | Employer | Witness 1 | l l | Witness 2 |
|------------|-----------|-----------|----------|-----------|-----|-----------|
|            |           |           |          |           |     |           |
|            |           |           |          |           |     |           |
|            |           |           |          |           |     |           |

| Replace oil seal               |  |
|--------------------------------|--|
| Assembly                       |  |
| Sand blast                     |  |
| Paint                          |  |
| Deliver                        |  |
| Installation and commissioning |  |
| Gearbox maintenance per unit   |  |

### 2.3.2.0 VLAKPLAATS WWCW - Module D RAS section. Screw Pump 1-2.

| Capuipment removal, collect, repair/service, return, installation and commission including labour, travelling, tools, equipment and consumables    NSPECTIONS   | Cost Breakdown for Service and Repair   |         |          |  |  |  |  |  |
|---|---|---------|----------|--|--|--|--|--|
| NSPECTIONS  Inspection Rate  Minor service  Major service  EQUIPMENT SPARES  Price Incl. VAT  New Repair  Top Bearing Housing  Top Shaft  Bottom Bearing. Phosfor bronze PB1  Bottom Bearing Housing  Bottom Shaft  Primary Coupling  N/A  Secondary Coupling  N/A  Corease Lubricator  Splash Plate  Gearbox base plate  Top Bearing base plate  Bottom Bearing base plate  Corrosion protection (painting and corrosion coating. The screw must be sandblasted to SA 2.5 microns. Apply Carboline 891 Pipe blue between 100 and 150 Microns per coat x 3 coats; first coat Biscuit, second coat white and final coat blue. The dry film thickness must be a minimum of 300 microns Mq.  Grease pipes (per meter) Stainless Steel  Covering for screw pumps GRP(Glass Polyester Grating 383838 – Grit – Open Mesh – Green – 2440X1220 with Stainless steel 316 Frame and | ( Equipment removal, collect, repair/service, return, installation and commission including labour, |         |          |  |  |  |  |  |
| Inspection Rate  Minor service  Major service  EQUIPMENT SPARES  Price Incl. VAT  Description  New Repair  Top Bearing N/A  Top Bearing Housing  Top Shaft  Bottom Bearing. Phosfor bronze PB1  Bottom Bearing Housing  Bottom Shaft  Primary Coupling  N/A  Secondary Coupling  N/A  Grease Lubricator  Splash Plate  Gearbox base plate  Top Bearing base plate  Bottom Bearing base plate  Corrosion protection (painting and corrosion coating. The screw must be sandblasted to SA 2.5 microns. Apply Carboline 891 Pipe blue between  100 and 150 Microns per coat x 3 coats; first coat Biscuit, second coat white and final coat blue. The dry film thickness must be a minimum of 300 microns Mq.  Grease pipes (per meter) Stainless Steel  Covering for screw pumps GRP(Glass Polyester Grating 383838 – Grit – Open Mesh – Green – 2440X1220 with Stainless steel 316 Frame and   | travelling, tools, equipment and consumables)   | 1       |          |  |  |  |  |  |
| Inspection Rate  Minor service  Major service  EQUIPMENT SPARES  Price Incl. VAT  Description  New Repair  Top Bearing N/A  Top Bearing Housing  Top Shaft  Bottom Bearing. Phosfor bronze PB1  Bottom Bearing Housing  Bottom Shaft  Primary Coupling  N/A  Secondary Coupling  N/A  Grease Lubricator  Splash Plate  Gearbox base plate  Top Bearing base plate  Bottom Bearing base plate  Corrosion protection (painting and corrosion coating. The screw must be sandblasted to SA 2.5 microns. Apply Carboline 891 Pipe blue between  100 and 150 Microns per coat x 3 coats; first coat Biscuit, second coat white and final coat blue. The dry film thickness must be a minimum of 300 microns Mq.  Grease pipes (per meter) Stainless Steel  Covering for screw pumps GRP(Glass Polyester Grating 383838 – Grit – Open Mesh – Green – 2440X1220 with Stainless steel 316 Frame and   |   |         |          |  |  |  |  |  |
| Minor service    Major service   EQUIPMENT SPARES   | NSPECTIONS  |         |          |  |  |  |  |  |
| BQUIPMENT SPARES  Frice Incl. VAT  Description  Description  New Repair  Top Bearing N/A  Top Bearing Housing Top Shaft Bottom Bearing. Phosfor bronze PB1  Bottom Bearing Housing Bottom Shaft Primary Coupling N/A  Secondary Coupling N/A  Grease Lubricator Splash Plate Gearbox base plate  Top Bearing base plate  Corrosion protection (painting and corrosion coating. The screw must be sandblasted to SA 2.5 microns. Apply Carboline 891 Pipe blue between 100 and 150 Microns per coat x 3 coats; first coat Biscuit, second coat white and final coat blue. The dry film thickness must be a minimum of 300 microns Mq.  Grease pipes (per meter) Stainless Steel  Covering for screw pumps GRP(Glass Polyester Grating 383838 – Grit – Open Mesh – Green – 2440X1220 with Stainless steel 316 Frame and   | Inspection Rate   |         |          |  |  |  |  |  |
| EQUIPMENT SPARES       Price Incl. VAT       Description     New     Repair       Top Bearing     N/A       Top Bearing Housing     N/A       Bottom Bearing. Phosfor bronze PB1     Bottom Bearing Housing       Bottom Shaft     N/A       Primary Coupling     N/A       Secondary Coupling     N/A       Grease Lubricator     Splash Plate       Gearbox base plate     Top Bearing base plate       Bottom Bearing base plate     Corrosion protection (painting and corrosion coating. The screw must be sandblasted to SA 2.5 microns. Apply Carboline 891 Pipe blue between       100 and 150 Microns per coat x 3 coats; first coat Biscuit, second coat white and final coat blue. The dry film thickness must be a minimum of 300 microns Mq.       Grease pipes (per meter) Stainless Steel     Covering for screw pumps GRP(Glass Polyester Grating 383838 – Grit – Open Mesh – Green – 2440X1220 with Stainless steel 316 Frame and                            | Minor service   |         |          |  |  |  |  |  |
| Description  Description  New Repair  N/A  Top Bearing  Top Shaft  Bottom Bearing. Phosfor bronze PB1  Bottom Bearing Housing  Bottom Shaft  Primary Coupling  N/A  Secondary Coupling  N/A  Grease Lubricator  Splash Plate  Gearbox base plate  Top Bearing base plate  Corrosion protection (painting and corrosion coating. The screw must be sandblasted to SA 2.5 microns. Apply Carboline 891 Pipe blue between 100 and 150 Microns per coat x 3 coats; first coat Biscuit, second coat white and final coat blue. The dry film thickness must be a minimum of 300 microns Mq.  Grease pipes (per meter) Stainless Steel  Covering for screw pumps GRP(Glass Polyester Grating 383838 – Grit – Open Mesh – Green – 2440X1220 with Stainless steel 316 Frame and  | Major service   |         |          |  |  |  |  |  |
| Description  New Repair  Top Bearing Top Bearing Housing Top Shaft  Bottom Bearing. Phosfor bronze PB1  Bottom Bearing Housing Bottom Shaft Primary Coupling  Secondary Coupling N/A  Grease Lubricator Splash Plate Gearbox base plate Top Bearing base plate  Bottom Bearing base plate  Corrosion protection (painting and corrosion coating. The screw must be sandblasted to SA 2.5 microns. Apply Carboline 891 Pipe blue between 100 and 150 Microns per coat x 3 coats; first coat Biscuit, second coat white and final coat blue. The dry film thickness must be a minimum of 300 microns Mq.  Grease pipes (per meter) Stainless Steel  Covering for screw pumps GRP(Glass Polyester Grating 383838 – Grit – Open Mesh – Green – 2440X1220 with Stainless steel 316 Frame and   | EQUIPMENT SPARES  |         |          |  |  |  |  |  |
| Top Bearing Top Bearing Housing Top Shaft Bottom Bearing. Phosfor bronze PB1 Bottom Bearing Housing Bottom Shaft Primary Coupling  Secondary Coupling N/A Grease Lubricator Splash Plate Gearbox base plate Top Bearing base plate Bottom Bearing base plate  Corrosion protection (painting and corrosion coating. The screw must be sandblasted to SA 2.5 microns. Apply Carboline 891 Pipe blue between 100 and 150 Microns per coat x 3 coats; first coat Biscuit, second coat white and final coat blue. The dry film thickness must be a minimum of 300 microns Mq.  Grease pipes (per meter) Stainless Steel Covering for screw pumps GRP(Glass Polyester Grating 383838 – Grit – Open Mesh – Green – 2440X1220 with Stainless steel 316 Frame and   |   | Price I | ncl. VAT |  |  |  |  |  |
| Top Bearing Housing  Top Shaft  Bottom Bearing. Phosfor bronze PB1  Bottom Bearing Housing  Bottom Shaft  Primary Coupling  N/A  Secondary Coupling  N/A  Grease Lubricator  Splash Plate  Gearbox base plate  Top Bearing base plate  Bottom Bearing base plate  Corrosion protection (painting and corrosion coating. The screw must be sandblasted to SA 2.5 microns. Apply Carboline 891 Pipe blue between  100 and 150 Microns per coat x 3 coats; first coat Biscuit, second coat white and final coat blue. The dry film thickness must be a minimum of 300 microns Mq.  Grease pipes (per meter) Stainless Steel  Covering for screw pumps GRP(Glass Polyester Grating 383838 – Grit – Open Mesh – Green – 2440X1220 with Stainless steel 316 Frame and   | Description   | New     | Repair   |  |  |  |  |  |
| Top Shaft  Bottom Bearing. Phosfor bronze PB1  Bottom Bearing Housing  Bottom Shaft  Primary Coupling  Secondary Coupling  N/A  Grease Lubricator  Splash Plate  Gearbox base plate  Top Bearing base plate  Bottom Bearing base plate  Corrosion protection (painting and corrosion coating. The screw must be sandblasted to SA 2.5 microns. Apply Carboline 891 Pipe blue between 100 and 150 Microns per coat x 3 coats; first coat Biscuit, second coat white and final coat blue. The dry film thickness must be a minimum of 300 microns Mq.  Grease pipes (per meter) Stainless Steel  Covering for screw pumps GRP(Glass Polyester Grating 383838 – Grit – Open Mesh – Green – 2440X1220 with Stainless steel 316 Frame and  | Top Bearing   |         | N/A      |  |  |  |  |  |
| Bottom Bearing. Phosfor bronze PB1  Bottom Bearing Housing  Bottom Shaft  Primary Coupling  N/A  Secondary Coupling  N/A  Grease Lubricator  Splash Plate  Gearbox base plate  Top Bearing base plate  Bottom Bearing base plate  Corrosion protection (painting and corrosion coating. The screw must be sandblasted to SA 2.5 microns. Apply Carboline 891 Pipe blue between  100 and 150 Microns per coat x 3 coats; first coat Biscuit, second coat white and final coat blue. The dry film thickness must be a minimum of 300 microns Mq.  Grease pipes (per meter) Stainless Steel  Covering for screw pumps GRP(Glass Polyester Grating 383838 – Grit – Open Mesh – Green – 2440X1220 with Stainless steel 316 Frame and   | Top Bearing Housing   |         |          |  |  |  |  |  |
| Bottom Bearing Housing  Bottom Shaft  Primary Coupling  N/A  Secondary Coupling  N/A  Grease Lubricator  Splash Plate  Gearbox base plate  Top Bearing base plate  Bottom Bearing base plate  Corrosion protection (painting and corrosion coating. The screw must be sandblasted to SA 2.5 microns. Apply Carboline 891 Pipe blue between  100 and 150 Microns per coat x 3 coats; first coat Biscuit, second coat white and final coat blue. The dry film thickness must be a minimum of 300 microns Mq.  Grease pipes (per meter) Stainless Steel  Covering for screw pumps GRP(Glass Polyester Grating 383838 – Grit – Open Mesh – Green – 2440X1220 with Stainless steel 316 Frame and   | Top Shaft   |         |          |  |  |  |  |  |
| Bottom Shaft  Primary Coupling  N/A  Secondary Coupling  N/A  Grease Lubricator  Splash Plate  Gearbox base plate  Top Bearing base plate  Corrosion protection (painting and corrosion coating. The screw must be sandblasted to SA 2.5 microns. Apply Carboline 891 Pipe blue between  100 and 150 Microns per coat x 3 coats; first coat Biscuit, second coat white and final coat blue. The dry film thickness must be a minimum of 300 microns Mq.  Grease pipes (per meter) Stainless Steel  Covering for screw pumps GRP(Glass Polyester Grating 383838 – Grit – Open Mesh – Green – 2440X1220 with Stainless steel 316 Frame and  | Bottom Bearing. Phosfor bronze PB1  |         |          |  |  |  |  |  |
| Primary Coupling  Secondary Coupling  N/A  Grease Lubricator  Splash Plate  Gearbox base plate  Top Bearing base plate  Bottom Bearing base plate  Corrosion protection (painting and corrosion coating. The screw must be sandblasted to SA 2.5 microns. Apply Carboline 891 Pipe blue between 100 and 150 Microns per coat x 3 coats; first coat Biscuit, second coat white and final coat blue. The dry film thickness must be a minimum of 300 microns Mq.  Grease pipes (per meter) Stainless Steel  Covering for screw pumps GRP(Glass Polyester Grating 383838 – Grit – Open Mesh – Green – 2440X1220 with Stainless steel 316 Frame and   | Bottom Bearing Housing  |         |          |  |  |  |  |  |
| Secondary Coupling  Grease Lubricator  Splash Plate  Gearbox base plate  Top Bearing base plate  Bottom Bearing base plate  Corrosion protection (painting and corrosion coating. The screw must be sandblasted to SA 2.5 microns. Apply Carboline 891 Pipe blue between 100 and 150 Microns per coat x 3 coats; first coat Biscuit, second coat white and final coat blue. The dry film thickness must be a minimum of 300 microns Mq.  Grease pipes (per meter) Stainless Steel  Covering for screw pumps GRP(Glass Polyester Grating 383838 – Grit – Open Mesh – Green – 2440X1220 with Stainless steel 316 Frame and  | Bottom Shaft  |         |          |  |  |  |  |  |
| Grease Lubricator  Splash Plate  Gearbox base plate  Top Bearing base plate  Bottom Bearing base plate  Corrosion protection (painting and corrosion coating. The screw must be sandblasted to SA 2.5 microns. Apply Carboline 891 Pipe blue between 100 and 150 Microns per coat x 3 coats; first coat Biscuit, second coat white and final coat blue. The dry film thickness must be a minimum of 300 microns Mq.  Grease pipes (per meter) Stainless Steel  Covering for screw pumps GRP(Glass Polyester Grating 383838 – Grit – Open Mesh – Green – 2440X1220 with Stainless steel 316 Frame and  | Primary Coupling  |         | N/A      |  |  |  |  |  |
| Splash Plate  Gearbox base plate  Top Bearing base plate  Bottom Bearing base plate  Corrosion protection (painting and corrosion coating. The screw must be sandblasted to SA 2.5 microns. Apply Carboline 891 Pipe blue between 100 and 150 Microns per coat x 3 coats; first coat Biscuit, second coat white and final coat blue. The dry film thickness must be a minimum of 300 microns Mq.  Grease pipes (per meter) Stainless Steel  Covering for screw pumps GRP(Glass Polyester Grating 383838 – Grit – Open Mesh – Green – 2440X1220 with Stainless steel 316 Frame and   | Secondary Coupling  |         | N/A      |  |  |  |  |  |
| Gearbox base plate  Top Bearing base plate  Bottom Bearing base plate  Corrosion protection (painting and corrosion coating. The screw must be sandblasted to SA 2.5 microns. Apply Carboline 891 Pipe blue between 100 and 150 Microns per coat x 3 coats; first coat Biscuit, second coat white and final coat blue. The dry film thickness must be a minimum of 300 microns Mq.  Grease pipes (per meter) Stainless Steel  Covering for screw pumps GRP(Glass Polyester Grating 383838 – Grit – Open Mesh – Green – 2440X1220 with Stainless steel 316 Frame and   | Grease Lubricator   |         |          |  |  |  |  |  |
| Top Bearing base plate  Bottom Bearing base plate  Corrosion protection (painting and corrosion coating. The screw must be sandblasted to SA 2.5 microns. Apply Carboline 891 Pipe blue between 100 and 150 Microns per coat x 3 coats; first coat Biscuit, second coat white and final coat blue. The dry film thickness must be a minimum of 300 microns Mq.  Grease pipes (per meter) Stainless Steel  Covering for screw pumps GRP(Glass Polyester Grating 383838 – Grit – Open Mesh – Green – 2440X1220 with Stainless steel 316 Frame and   | Splash Plate  |         |          |  |  |  |  |  |
| Corrosion protection (painting and corrosion coating. The screw must be sandblasted to SA 2.5 microns. Apply Carboline 891 Pipe blue between 100 and 150 Microns per coat x 3 coats; first coat Biscuit, second coat white and final coat blue. The dry film thickness must be a minimum of 300 microns Mq.  Grease pipes (per meter) Stainless Steel  Covering for screw pumps GRP(Glass Polyester Grating 383838 – Grit – Open Mesh – Green – 2440X1220 with Stainless steel 316 Frame and  | Gearbox base plate  |         |          |  |  |  |  |  |
| Corrosion protection (painting and corrosion coating. The screw must be sandblasted to SA 2.5 microns. Apply Carboline 891 Pipe blue between 100 and 150 Microns per coat x 3 coats; first coat Biscuit, second coat white and final coat blue. The dry film thickness must be a minimum of 300 microns Mq.  Grease pipes (per meter) Stainless Steel  Covering for screw pumps GRP(Glass Polyester Grating 383838 – Grit – Open Mesh – Green – 2440X1220 with Stainless steel 316 Frame and  | Top Bearing base plate  |         |          |  |  |  |  |  |
| sandblasted to SA 2.5 microns. Apply Carboline 891 Pipe blue between 100 and 150 Microns per coat x 3 coats; first coat Biscuit, second coat white and final coat blue. The dry film thickness must be a minimum of 300 microns Mq.  Grease pipes (per meter) Stainless Steel  Covering for screw pumps GRP(Glass Polyester Grating 383838 – Grit – Open Mesh – Green – 2440X1220 with Stainless steel 316 Frame and  | Bottom Bearing base plate   |         |          |  |  |  |  |  |
| sandblasted to SA 2.5 microns. Apply Carboline 891 Pipe blue between 100 and 150 Microns per coat x 3 coats; first coat Biscuit, second coat white and final coat blue. The dry film thickness must be a minimum of 300 microns Mq.  Grease pipes (per meter) Stainless Steel  Covering for screw pumps GRP(Glass Polyester Grating 383838 – Grit – Open Mesh – Green – 2440X1220 with Stainless steel 316 Frame and  |   |         |          |  |  |  |  |  |
| 100 and 150 Microns per coat x 3 coats; first coat Biscuit, second coat white and final coat blue. The dry film thickness must be a minimum of 300 microns Mq.  Grease pipes (per meter) Stainless Steel  Covering for screw pumps GRP(Glass Polyester Grating 383838 – Grit – Open Mesh – Green – 2440X1220 with Stainless steel 316 Frame and   | Corrosion protection (painting and corrosion coating. The screw must be                             |         |          |  |  |  |  |  |
| white and final coat blue. The dry film thickness must be a minimum of 300 microns Mq.  Grease pipes (per meter) Stainless Steel  Covering for screw pumps GRP(Glass Polyester Grating 383838 – Grit –  Open Mesh – Green – 2440X1220 with Stainless steel 316 Frame and  | sandblasted to SA 2.5 microns. Apply Carboline 891 Pipe blue between                                |         |          |  |  |  |  |  |
| 300 microns Mq.  Grease pipes (per meter) Stainless Steel  Covering for screw pumps GRP(Glass Polyester Grating 383838 – Grit –  Open Mesh – Green – 2440X1220 with Stainless steel 316 Frame and   | 100 and 150 Microns per coat x 3 coats; first coat Biscuit, second coat                             |         |          |  |  |  |  |  |
| Grease pipes (per meter) Stainless Steel  Covering for screw pumps GRP(Glass Polyester Grating 383838 – Grit –  Open Mesh – Green – 2440X1220 with Stainless steel 316 Frame and  | white and final coat blue. The dry film thickness must be a minimum of                              |         |          |  |  |  |  |  |
| Covering for screw pumps GRP(Glass Polyester Grating 383838 – Grit –  Open Mesh – Green – 2440X1220 with Stainless steel 316 Frame and  | · · · · · · · · · · · · · · · · · · ·   |         |          |  |  |  |  |  |
| Open Mesh – Green – 2440X1220 with Stainless steel 316 Frame and  | Grease pipes (per meter) Stainless Steel  |         |          |  |  |  |  |  |
| ·   | , , , ,   |         |          |  |  |  |  |  |
| Brackets)   | •   |         |          |  |  |  |  |  |
|   | Brackets)   |         |          |  |  |  |  |  |

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

| GEARBOX REPAIRS AND SERVICE – 22kW Hansen Gearbox                   |             |  |  |  |  |  |
|---|-------------|--|--|--|--|--|
|   | Price Incl. |  |  |  |  |  |
| Description   | VAT         |  |  |  |  |  |
| Remove Gearbox ( + Crane Hire)                                      |             |  |  |  |  |  |
| Collect Gearbox   |             |  |  |  |  |  |
| Dismantle Gearbox   |             |  |  |  |  |  |
| Replace bearings  |             |  |  |  |  |  |
| Replace gears (first stage set, intermediary set and output pinion) |             |  |  |  |  |  |
| Replace shaft   |             |  |  |  |  |  |
| Replace oil seal  |             |  |  |  |  |  |
| Assembly  |             |  |  |  |  |  |
| Sand blast  |             |  |  |  |  |  |
| Paint   |             |  |  |  |  |  |
| Deliver   |             |  |  |  |  |  |
| Installation and commissioning                                      |             |  |  |  |  |  |
| Gearbox maintenance per unit  |             |  |  |  |  |  |

### **2.3.2.1 HARTEBEESTFONTEIN WWCW** - Balancing Tank section. Screw Pump 1-2.

| Cost Breakdown for Service and Repair   |         |          |  |  |  |  |  |  |
|---|---------|----------|--|--|--|--|--|--|
| ( Equipment removal, collect, repair/service, return, installation and commission including labour, |         |          |  |  |  |  |  |  |
| travelling, tools, equipment and consumables)   |         |          |  |  |  |  |  |  |
| INSPECTIONS   |         |          |  |  |  |  |  |  |
| Inspection Rate   |         |          |  |  |  |  |  |  |
| Minor service   |         |          |  |  |  |  |  |  |
| Major service   |         |          |  |  |  |  |  |  |
| EQUIPMENT SPARES  |         |          |  |  |  |  |  |  |
|   | Price I | ncl. VAT |  |  |  |  |  |  |
| Description   | New     | Repair   |  |  |  |  |  |  |
| Top Bearing   |         | N/A      |  |  |  |  |  |  |
| Top Bearing Housing   |         |          |  |  |  |  |  |  |
| Top Shaft   |         |          |  |  |  |  |  |  |
| Bottom Bearing. Phosfor bronze PB1  |         |          |  |  |  |  |  |  |
| Bottom Bearing Housing  |         |          |  |  |  |  |  |  |
| Bottom Shaft  |         |          |  |  |  |  |  |  |
| Primary Coupling  |         | N/A      |  |  |  |  |  |  |
| Secondary Coupling  |         | N/A      |  |  |  |  |  |  |
| Grease Lubricator   |         |          |  |  |  |  |  |  |
| Splash Plate  |         |          |  |  |  |  |  |  |
| Gearbox base plate  |         |          |  |  |  |  |  |  |
| Top Bearing base plate  |         |          |  |  |  |  |  |  |
| Bottom Bearing base plate   |         |          |  |  |  |  |  |  |

| ĺ |            |           | l |           | l |          | l |           | 1 1 |           |
|---|------------|-----------|---|-----------|---|----------|---|-----------|-----|-----------|
|   |            |           |   |           |   |          |   |           |     |           |
|   |            |           |   |           |   |          |   |           |     |           |
| ı | Contractor | Witness 1 | l | Witness 2 | l | Employer |   | Witness 1 | 1   | Witness 2 |

| Corrosion protection (painting and corrosion coating). The screw must be sandblasted to SA 2.5 microns. Apply Carboline 891 Pipe blue between 100 and 150 Microns per coat x 3 coats; first coat Biscuit, second coat white and final coat blue. The dry film thickness must be a minimum of 300 microns Mq. |                    |  |
|--|--------------------|--|
| Grease pipes (per meter) Stainless Steel   |                    |  |
| Covering for screw pumps GRP(Glass Polyester Grating 383838 – Grit – Open Mesh – Green – 2440X1220 with Stainless steel 316 Frame and Brackets)  |                    |  |
| GEARBOX REPAIRS AND SERVICE – 11kW Siemens Gearbox   |                    |  |
| Description  | Price Incl.<br>VAT |  |
| Remove Gearbox ( + Crane Hire)   |                    |  |
| Collect Gearbox  |                    |  |
| Dismantle Gearbox  |                    |  |
| Replace bearings   |                    |  |
| Replace gears (first stage set, intermediary set and output pinion)  |                    |  |
| Replace shaft  |                    |  |
| Replace oil seal   |                    |  |
| Assembly   |                    |  |
| Sand blast   |                    |  |
| Paint  |                    |  |
| Deliver  |                    |  |
| Installation and commissioning   |                    |  |
| Gearbox maintenance per unit   |                    |  |

### 2.3.2.2. <u>HARTEBEESTFONTEIN WWCW</u> - RAS section. Screw Pump 1-3.

| Cost Breakdown for Service and Repair   |         |          |  |  |  |  |  |  |
|---|---------|----------|--|--|--|--|--|--|
| ( Equipment removal, collect, repair/service, return, installation and commission including labour, |         |          |  |  |  |  |  |  |
| travelling, tools, equipment and consumables  | )       |          |  |  |  |  |  |  |
|   |         |          |  |  |  |  |  |  |
| INSPECTIONS   |         |          |  |  |  |  |  |  |
| Inspection Rate   |         |          |  |  |  |  |  |  |
| Minor service   |         |          |  |  |  |  |  |  |
| Major service   |         |          |  |  |  |  |  |  |
| EQUIPMENT SPARES  |         |          |  |  |  |  |  |  |
|   | Price I | ncl. VAT |  |  |  |  |  |  |
| Description   | New     | Repair   |  |  |  |  |  |  |
| Top Bearing   |         | N/A      |  |  |  |  |  |  |
| Top Bearing Housing   |         |          |  |  |  |  |  |  |
| Top Shaft   |         |          |  |  |  |  |  |  |
| Bottom Bearing. Phosfor bronze PB1  |         |          |  |  |  |  |  |  |
|   |         |          |  |  |  |  |  |  |

| Contractor | Witness 1 | Witness 2 | Employer | Witness 1 | l l | Witness 2 |
|------------|-----------|-----------|----------|-----------|-----|-----------|
|            |           |           |          |           |     |           |
|            |           |           |          |           |     |           |
|            |           |           |          |           |     |           |

Page 90 of 146

| Bottom Bearing Housing  |                    |     |
|---|--------------------|-----|
| Bottom Shaft  |                    |     |
| Primary Coupling  |                    | N/A |
| Secondary Coupling  |                    | N/A |
| Grease Lubricator   |                    |     |
| Splash Plate  |                    |     |
| Gearbox base plate  |                    |     |
| Top Bearing base plate  |                    |     |
| Bottom Bearing base plate   |                    |     |
| Corrosion protection (painting and corrosion coating). The screw must be sandblasted to SA 2.5 microns. Apply Carboline 891 Pipe blue between 100 and 150 Microns per coat x 3 coats; first coat Biscuit, second coat white and final coat blue. The dry film thickness must be a minimum of 300 microns Mq.  Grease pipes (per meter) Stainless Steel  Covering for screw pumps GRP(Glass Polyester Grating 383838 – Grit – Open Mesh – Green – 2440X1220 with Stainless steel 316 Frame and |                    |     |
| Brackets)   |                    |     |
| GEARBOX REPAIRS AND SERVICE – 11kW Siemens Gearbox  |                    |     |
| Description  Remove Gearbox ( + Crane Hire)   | Price Incl.<br>VAT |     |
| Collect Gearbox   |                    |     |
| Dismantle Gearbox   |                    |     |
| Replace bearings  |                    |     |
| Replace gears (first stage set, intermediary set and output pinion)   |                    |     |
| Replace shaft   |                    |     |
| Replace oil seal  |                    |     |
| Assembly  |                    |     |
| Sand blast  |                    |     |
| Paint   |                    |     |
| Deliver   |                    |     |
| Benver  | 1                  |     |
| Installation and commissioning  |                    |     |

| Contractor | W | itness 1 | Witness 2 | Employer | Witness 1 | Witness 2 |
|------------|---|----------|-----------|----------|-----------|-----------|

### 2.3.2.3 RYNFIELD WWCW - Balancing Tank section. Screw Pump 1-2.

| Cost Breakdown for Service and Repair   |             |           |  |  |  |  |  |  |  |
|---|-------------|-----------|--|--|--|--|--|--|--|
| ( Equipment removal, collect, repair/service, return, installation and commission including labour, travelling, tools, equipment and consumables) |             |           |  |  |  |  |  |  |  |
| <b>0</b> , ,  | ,           |           |  |  |  |  |  |  |  |
| INSPECTIONS   |             |           |  |  |  |  |  |  |  |
| Inspection Rate   |             |           |  |  |  |  |  |  |  |
| Minor service   |             |           |  |  |  |  |  |  |  |
| Major service   |             |           |  |  |  |  |  |  |  |
| EQUIPMENT SPARES  | 1           |           |  |  |  |  |  |  |  |
| ·   | Price       | Incl. VAT |  |  |  |  |  |  |  |
| Description   | New         | Repair    |  |  |  |  |  |  |  |
| Top Bearing   |             | N/A       |  |  |  |  |  |  |  |
| Top Bearing Housing   |             | ·         |  |  |  |  |  |  |  |
| Top Shaft   |             |           |  |  |  |  |  |  |  |
| Bottom Bearing. Phosfor bronze PB1  |             |           |  |  |  |  |  |  |  |
| Bottom Bearing Housing  |             |           |  |  |  |  |  |  |  |
| Bottom Shaft  |             |           |  |  |  |  |  |  |  |
| Primary Coupling  |             | N/A       |  |  |  |  |  |  |  |
| Secondary Coupling  |             | N/A       |  |  |  |  |  |  |  |
| Grease Lubricator   |             | ,         |  |  |  |  |  |  |  |
| Splash Plate  |             |           |  |  |  |  |  |  |  |
| Gearbox base plate  |             |           |  |  |  |  |  |  |  |
| Top Bearing base plate  |             |           |  |  |  |  |  |  |  |
| Bottom Bearing base plate   |             |           |  |  |  |  |  |  |  |
|   |             |           |  |  |  |  |  |  |  |
| Corrosion protection (painting and corrosion coating). The screw must   |             |           |  |  |  |  |  |  |  |
| be sandblasted to SA 2.5 microns. Apply Carboline 891 Pipe blue   |             |           |  |  |  |  |  |  |  |
| between 100 and 150 Microns per coat x 3 coats; first coat Biscuit,   |             |           |  |  |  |  |  |  |  |
| second coat white and final coat blue. The dry film thickness must be a   |             |           |  |  |  |  |  |  |  |
| minimum of 300 microns Mq.  |             |           |  |  |  |  |  |  |  |
| Grease pipes (per meter) Stainless Steel  |             |           |  |  |  |  |  |  |  |
| Covering for screw pumps GRP(Glass Polyester Grating 383838 – Grit –  |             |           |  |  |  |  |  |  |  |
| Open Mesh – Green – 2440X1220 with Stainless steel 316 Frame and  |             |           |  |  |  |  |  |  |  |
| Brackets)   |             |           |  |  |  |  |  |  |  |
| GEARBOX REPAIRS AND SERVICE – 11kW Siemens Gearbox  |             |           |  |  |  |  |  |  |  |
|   |             |           |  |  |  |  |  |  |  |
|   | Price Incl. |           |  |  |  |  |  |  |  |
| Description   | VAT         |           |  |  |  |  |  |  |  |
| Remove Gearbox ( + Crane Hire)  |             |           |  |  |  |  |  |  |  |
| Collect Gearbox   |             |           |  |  |  |  |  |  |  |
| Dismantle Gearbox   |             |           |  |  |  |  |  |  |  |
| Replace bearings  |             |           |  |  |  |  |  |  |  |
| Replace gears (first stage set, intermediary set and output pinion)   |             |           |  |  |  |  |  |  |  |
|   |             |           |  |  |  |  |  |  |  |
|   |             |           |  |  |  |  |  |  |  |

| Contractor | Witness 1 | Witness 2 | Employer | ! | Witness 1 |     | Witness 2 |
|------------|-----------|-----------|----------|---|-----------|-----|-----------|
|            |           |           |          |   |           |     |           |
|            |           |           |          |   |           |     |           |
|            |           |           |          |   |           |     |           |
|            |           |           |          |   |           |     |           |
|            |           |           |          |   |           | l [ |           |
|            |           |           |          |   |           |     |           |

| Replace shaft                  |  |
|--------------------------------|--|
| Replace oil seal               |  |
| Assembly                       |  |
| Sand blast                     |  |
| Paint                          |  |
| Deliver                        |  |
| Installation and commissioning |  |
| Gearbox maintenance per unit   |  |

# 2.3.2.4 RYNFIELD WWCW - RAS section. Screw Pump 1-2.

| Cost Breakdown for Service and Repair   |          |          |  |  |  |  |  |  |  |
|---|----------|----------|--|--|--|--|--|--|--|
| ( Equipment removal, collect, repair/service, return, installation and commission including labour, |          |          |  |  |  |  |  |  |  |
| travelling, tools, equipment and consumables)   |          |          |  |  |  |  |  |  |  |
| INSPECTIONS   |          |          |  |  |  |  |  |  |  |
| Inspection Rate   |          |          |  |  |  |  |  |  |  |
| Minor service   |          |          |  |  |  |  |  |  |  |
| Major service   |          |          |  |  |  |  |  |  |  |
| EQUIPMENT SPARES  |          |          |  |  |  |  |  |  |  |
|   | Price II | ncl. VAT |  |  |  |  |  |  |  |
| Description   | New      | Repair   |  |  |  |  |  |  |  |
| Top Bearing   |          | N/A      |  |  |  |  |  |  |  |
| Top Bearing Housing   |          |          |  |  |  |  |  |  |  |
| Top Shaft   |          |          |  |  |  |  |  |  |  |
| Bottom Bearing. Phosfor bronse PB1  |          |          |  |  |  |  |  |  |  |
| Bottom Bearing Housing  |          |          |  |  |  |  |  |  |  |
| Bottom Shaft  |          |          |  |  |  |  |  |  |  |
| Primary Coupling  |          | N/A      |  |  |  |  |  |  |  |
| Secondary Coupling  |          | N/A      |  |  |  |  |  |  |  |
| Grease Lubricator   |          |          |  |  |  |  |  |  |  |
| Splash Plate  |          |          |  |  |  |  |  |  |  |
| Gearbox base plate  |          |          |  |  |  |  |  |  |  |
| Top Bearing base plate  |          |          |  |  |  |  |  |  |  |
| Bottom Bearing base plate   |          |          |  |  |  |  |  |  |  |
|   |          |          |  |  |  |  |  |  |  |
| Corrosion protection (painting and corrosion coating). The screw must                               |          |          |  |  |  |  |  |  |  |
| be sandblasted to SA 2.5 microns. Apply Carboline 891 Pipe blue                                     |          |          |  |  |  |  |  |  |  |
| between 100 and 150 Microns per coat x 3 coats; first coat Biscuit,                                 |          |          |  |  |  |  |  |  |  |
| second coat white and final coat blue. The dry film thickness must be a                             |          |          |  |  |  |  |  |  |  |
| minimum of 300 microns Mq.  |          |          |  |  |  |  |  |  |  |
| Grease pipes (per meter) Stainless Steel  |          |          |  |  |  |  |  |  |  |

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

| Covering for screw pumps GRP(Glass Polyester Grating 383838 – Grit – |             |  |  |  |
|--|-------------|--|--|--|
| Open Mesh – Green – 2440X1220 with Stainless steel 316 Frame and     |             |  |  |  |
| Brackets)  |             |  |  |  |
| GEARBOX REPAIRS AND SERVICE – 9.2kW Siemens Gearbox                  |             |  |  |  |
|  |             |  |  |  |
|  | Price Incl. |  |  |  |
| Description  | VAT         |  |  |  |
| Remove Gearbox ( + Crane Hire)                                       |             |  |  |  |
| Collect Gearbox  |             |  |  |  |
| Dismantle Gearbox  |             |  |  |  |
| Replace bearings   |             |  |  |  |
| Replace gears (first stage set, intermediary set and output pinion)  |             |  |  |  |
| Replace shaft  |             |  |  |  |
| Replace oil seal   |             |  |  |  |
| Assembly   |             |  |  |  |
| Sand blast   |             |  |  |  |
| Paint  |             |  |  |  |
| Deliver  |             |  |  |  |
| Installation and commissioning                                       |             |  |  |  |
| Gearbox maintenance per unit   |             |  |  |  |

# **2.3.2.5 HEIDELBERG WWCW** - RAS section. Screw Pump 1-2.

| Cost Breakdown for Service and Repair                                      |   |        |  |  |  |  |  |  |
|--|---|--------|--|--|--|--|--|--|
| ( Equipment removal, collect, repair/service, return, installation and cor | ( Equipment removal, collect, repair/service, return, installation and commission including labour, |        |  |  |  |  |  |  |
| travelling, tools, equipment and consumables                               |   |        |  |  |  |  |  |  |
| INSPECTIONS  |   |        |  |  |  |  |  |  |
| Inspection Rate  |   |        |  |  |  |  |  |  |
| Minor service  |   |        |  |  |  |  |  |  |
| Major service  |   |        |  |  |  |  |  |  |
| EQUIPMENT SPARES   |   |        |  |  |  |  |  |  |
|  | Price Incl. VAT   |        |  |  |  |  |  |  |
| Description  | New   | Repair |  |  |  |  |  |  |
| Top Bearing  |   | N/A    |  |  |  |  |  |  |
| Top Bearing Housing  |   |        |  |  |  |  |  |  |
| Top Shaft  |   |        |  |  |  |  |  |  |
| Bottom Bearing. Phosfor bronse PB1   |   |        |  |  |  |  |  |  |
| Bottom Bearing Housing   |   |        |  |  |  |  |  |  |
| Bottom Shaft   |   |        |  |  |  |  |  |  |
| Primary Coupling   |   | N/A    |  |  |  |  |  |  |
| Secondary Coupling   |   | N/A    |  |  |  |  |  |  |
| Grease Lubricator  |   |        |  |  |  |  |  |  |
| Splash Plate   |   |        |  |  |  |  |  |  |
| Gearbox base plate   |   |        |  |  |  |  |  |  |

| - | Contractor | Witness 1 | Witness 2 | Employer | Witness 1 | Witness 2 |
|---|------------|-----------|-----------|----------|-----------|-----------|
|   |            |           |           |          |           |           |
| Г |            |           |           |          |           |           |

| Top Bearing base plate  |             |
|---|-------------|
| Bottom Bearing base plate   |             |
|   |             |
| Corrosion protection (painting and corrosion coating). The screw must   |             |
| be sandblasted to SA 2.5 microns. Apply Carboline 891 Pipe blue   |             |
| between 100 and 150 Microns per coat x 3 coats; first coat Biscuit,   |             |
| second coat white and final coat blue. The dry film thickness must be a   |             |
| minimum of 300 microns Mq.  |             |
| Grease pipes (per meter) Stainless Steel  |             |
| Covering for screw pumps GRP(Glass Polyester Grating 383838 – Grit –  |             |
| Open Mesh – Green – 2440X1220 with Stainless steel 316 Frame and  |             |
| Brackets)   |             |
| GEARBOX REPAIRS AND SERVICE – 3kW Siemens Gearbox   |             |
|   |             |
|   | Price Incl. |
|   |             |
| Description   | VAT         |
| Remove Gearbox ( + Crane Hire)  |             |
| ·   |             |
| Remove Gearbox ( + Crane Hire)  |             |
| Remove Gearbox ( + Crane Hire)  Collect Gearbox   |             |
| Remove Gearbox ( + Crane Hire)  Collect Gearbox  Dismantle Gearbox  |             |
| Remove Gearbox ( + Crane Hire)  Collect Gearbox  Dismantle Gearbox  Replace bearings  |             |
| Remove Gearbox ( + Crane Hire)  Collect Gearbox  Dismantle Gearbox  Replace bearings  Replace gears (first stage set, intermediary set and output pinion)   |             |
| Remove Gearbox ( + Crane Hire)  Collect Gearbox  Dismantle Gearbox  Replace bearings  Replace gears (first stage set, intermediary set and output pinion)  Replace shaft  |             |
| Remove Gearbox ( + Crane Hire)  Collect Gearbox  Dismantle Gearbox  Replace bearings  Replace gears (first stage set, intermediary set and output pinion)  Replace shaft  Replace oil seal                              |             |
| Remove Gearbox ( + Crane Hire)  Collect Gearbox  Dismantle Gearbox  Replace bearings  Replace gears (first stage set, intermediary set and output pinion)  Replace shaft  Replace oil seal  Assembly                    |             |
| Remove Gearbox ( + Crane Hire)  Collect Gearbox  Dismantle Gearbox  Replace bearings  Replace gears (first stage set, intermediary set and output pinion)  Replace shaft  Replace oil seal  Assembly  Sand blast        |             |
| Remove Gearbox ( + Crane Hire)  Collect Gearbox  Dismantle Gearbox  Replace bearings  Replace gears (first stage set, intermediary set and output pinion)  Replace shaft  Replace oil seal  Assembly  Sand blast  Paint |             |

### 2.3.2.6 Ancor WWCW - Inlet works section. Screw Pump

| Cost Breakdown for Service and Repair                                     |                |               |  |  |  |  |
|---|----------------|---------------|--|--|--|--|
| ( Equipment removal, collect, repair/service, return, installation and co | ommission incl | uding labour, |  |  |  |  |
| travelling, tools, equipment and consumable                               | s)             |               |  |  |  |  |
|   |                |               |  |  |  |  |
| INSPECTIONS   |                |               |  |  |  |  |
| Inspection Rate   |                |               |  |  |  |  |
| Minor service   |                |               |  |  |  |  |
| Mayor service   |                |               |  |  |  |  |
| EQUIPMENT SPARES  |                |               |  |  |  |  |
|   | Price          | Incl. VAT     |  |  |  |  |
| Description   | New            | Repair        |  |  |  |  |
| Top Bearing   |                | N/A           |  |  |  |  |
|   |                |               |  |  |  |  |
|   |                |               |  |  |  |  |

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

Page 95 of 146

| Top Bearing Housing   |             |     |
|---|-------------|-----|
| Top Shaft   |             |     |
| Bottom Bearing. Phosfor bronse PB1                                      |             |     |
| Bottom Bearing Housing  |             |     |
| Bottom Shaft  |             |     |
| Primary Coupling  |             | N/A |
| Secondary Coupling  |             | N/A |
| Grease Lubricator   |             |     |
| Splash Plate  |             |     |
| Gearbox base plate  |             |     |
| Top Bearing base plate  |             |     |
| Bottom Bearing base plate   |             |     |
|   |             |     |
| Corrosion protection (painting and corrosion coating). The screw must   |             |     |
| be sandblasted to SA 2.5 microns. Apply Carboline 891 Pipe blue         |             |     |
| between 100 and 150 Microns per coat x 3 coats; first coat Biscuit,     |             |     |
| second coat white and final coat blue. The dry film thickness must be a |             |     |
| minimum of 300 microns Mq.  |             |     |
| Grease pipes (per meter) Stainless Steel                                |             |     |
| Covering for screw pumps GRP(Glass Polyester Grating 383838 – Grit –    |             |     |
| Open Mesh – Green – 2440X1220 with Stainless steel 316 Frame and        |             |     |
| Brackets)   |             |     |
| GEARBOX REPAIRS AND SERVICE – 30kW Siemens Gearbox                      |             |     |
|   |             |     |
|   | Price Incl. |     |
| Description   | VAT         |     |
| Remove Gearbox ( + Crane Hire)  |             |     |
| Collect Gearbox   |             |     |
| Dismantle Gearbox   |             |     |
| Replace bearings  |             |     |
| Replace gears (first stage set, intermediary set and output pinion)     |             |     |
| Replace shaft   |             |     |
| Replace oil seal  |             |     |
| Assembly  |             |     |
| Sand blast  |             |     |
| Paint   |             |     |
| Deliver   |             |     |
| Installation and commissioning  |             |     |
| Gearbox maintenance per unit  |             |     |

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

### 2.3.2.7 JP MARAIS WWCW - Inlet works section. Screw Pump 1-3.

Witness 1

Contractor

Witness 2

Employer

Witness 1

Witness 2

| Cost Breakdown for Service and Repair                                     |               |               |  |  |  |  |  |  |  |  |
|---|---------------|---------------|--|--|--|--|--|--|--|--|
| ( Equipment removal, collect, repair/service, return, installation and co | mmission incl | uding labour, |  |  |  |  |  |  |  |  |
| travelling, tools, equipment and consumables)                             |               |               |  |  |  |  |  |  |  |  |
| INSPECTIONS   |               |               |  |  |  |  |  |  |  |  |
| Inspection Rate   |               |               |  |  |  |  |  |  |  |  |
| Minor service   |               |               |  |  |  |  |  |  |  |  |
| Major service   |               |               |  |  |  |  |  |  |  |  |
| EQUIPMENT SPARES  | 1             |               |  |  |  |  |  |  |  |  |
|   | Price I       | ncl. VAT      |  |  |  |  |  |  |  |  |
| Description   | New           | Repair        |  |  |  |  |  |  |  |  |
| Top Bearing   |               | N/A           |  |  |  |  |  |  |  |  |
| Top Bearing Housing   |               |               |  |  |  |  |  |  |  |  |
| Top Shaft   |               |               |  |  |  |  |  |  |  |  |
| Bottom Bearing. Phosfor bronze PB1  |               |               |  |  |  |  |  |  |  |  |
| Bottom Bearing Housing  |               |               |  |  |  |  |  |  |  |  |
| Bottom Shaft  |               |               |  |  |  |  |  |  |  |  |
| Primary Coupling  |               | N/A           |  |  |  |  |  |  |  |  |
| Secondary Coupling  |               | N/A           |  |  |  |  |  |  |  |  |
| Grease Lubricator   |               |               |  |  |  |  |  |  |  |  |
| Splash Plate  |               |               |  |  |  |  |  |  |  |  |
| Gearbox base plate  |               |               |  |  |  |  |  |  |  |  |
| Top Bearing base plate  |               |               |  |  |  |  |  |  |  |  |
| Bottom Bearing base plate   |               |               |  |  |  |  |  |  |  |  |
|   |               |               |  |  |  |  |  |  |  |  |
| Corrosion protection (painting and corrosion coating). The screw must     |               |               |  |  |  |  |  |  |  |  |
| be sandblasted to SA 2.5 microns. Apply Carboline 891 Pipe blue           |               |               |  |  |  |  |  |  |  |  |
| between 100 and 150 Microns per coat x 3 coats; first coat Biscuit,       |               |               |  |  |  |  |  |  |  |  |
| second coat white and final coat blue. The dry film thickness must be a   |               |               |  |  |  |  |  |  |  |  |
| minimum of 300 microns Mq.  |               |               |  |  |  |  |  |  |  |  |
| Grease pipes (per meter) Stainless Steel                                  |               |               |  |  |  |  |  |  |  |  |
| Spray bars for wash water   |               |               |  |  |  |  |  |  |  |  |
| Spray nozzles for wash water  |               |               |  |  |  |  |  |  |  |  |
| Covering for screw pumps GRP (Glass Polyester Grating 383838 – Grit –     |               |               |  |  |  |  |  |  |  |  |
| Open Mesh – Green – 2440 x 1220 with Stainless steel 316 Frame and        |               |               |  |  |  |  |  |  |  |  |
| Brackets)   |               |               |  |  |  |  |  |  |  |  |
| GEARBOX REPAIRS AND SERVICE – 45kW Siemens Gearbox                        |               |               |  |  |  |  |  |  |  |  |
|   |               |               |  |  |  |  |  |  |  |  |
|   | Price Incl.   |               |  |  |  |  |  |  |  |  |
| Description   | VAT           |               |  |  |  |  |  |  |  |  |
| Remove Gearbox ( + Crane Hire)  |               |               |  |  |  |  |  |  |  |  |
| Collect Gearbox   |               |               |  |  |  |  |  |  |  |  |
| Dismantle Gearbox   |               |               |  |  |  |  |  |  |  |  |
|   |               |               |  |  |  |  |  |  |  |  |
|   |               | <u></u>       |  |  |  |  |  |  |  |  |

| Replace bearings  |  |
|---|--|
| Replace gears (first stage set, intermediary set and output pinion) |  |
| Replace shaft   |  |
| Replace oil seal  |  |
| Assembly  |  |
| Sand blast  |  |
| Paint   |  |
| Deliver   |  |
| Installation and commissioning                                      |  |
| Gearbox maintenance per unit  |  |

# 2.3.2.8 WELGEDACHT WWCW - Module 2 RAS section. Screw Pump 1-6.

| Cost Breakdown for Service and Repair   |               |                |  |  |  |  |  |  |  |
|---|---------------|----------------|--|--|--|--|--|--|--|
| ( Equipment removal, collect, repair/service, return, installation and con  | mmission incl | luding labour, |  |  |  |  |  |  |  |
| travelling, tools, equipment and consumables)   |               |                |  |  |  |  |  |  |  |
| INSPECTIONS   |               |                |  |  |  |  |  |  |  |
| Inspection Rate   |               |                |  |  |  |  |  |  |  |
| Minor service   |               |                |  |  |  |  |  |  |  |
| Major service   |               |                |  |  |  |  |  |  |  |
| EQUIPMENT SPARES  |               |                |  |  |  |  |  |  |  |
|   | Price         | Incl. VAT      |  |  |  |  |  |  |  |
| Description   | New           | Repair         |  |  |  |  |  |  |  |
| Top Bearing   |               | N/A            |  |  |  |  |  |  |  |
| Top Bearing Housing   |               |                |  |  |  |  |  |  |  |
| Top Shaft   |               |                |  |  |  |  |  |  |  |
| Bottom Bearing. Phosfor bronze PB1  |               |                |  |  |  |  |  |  |  |
| Bottom Bearing Housing  |               |                |  |  |  |  |  |  |  |
| Bottom Shaft  |               |                |  |  |  |  |  |  |  |
| Primary Coupling  |               | N/A            |  |  |  |  |  |  |  |
| Secondary Coupling  |               | N/A            |  |  |  |  |  |  |  |
| Grease Lubricator   |               |                |  |  |  |  |  |  |  |
| Splash Plate  |               |                |  |  |  |  |  |  |  |
| Gearbox base plate  |               |                |  |  |  |  |  |  |  |
| Top Bearing base plate  |               |                |  |  |  |  |  |  |  |
| Bottom Bearing base plate   |               |                |  |  |  |  |  |  |  |
| Commercial protection (pointing and commercial posting). The commercial   |               |                |  |  |  |  |  |  |  |
| Corrosion protection (painting and corrosion coating). The screw must be sandblasted to SA 2.5 microns. Apply Carboline 891 Pipe blue |               |                |  |  |  |  |  |  |  |
| between 100 and 150 Microns per coat x 3 coats; first coat Biscuit,   |               |                |  |  |  |  |  |  |  |
| second coat white and final coat blue. The dry film thickness must be a   |               |                |  |  |  |  |  |  |  |
| minimum of 300 microns Mq.  |               |                |  |  |  |  |  |  |  |
| Grease pipes (per meter) Stainless Steel  |               |                |  |  |  |  |  |  |  |
| orease pipes (per meter) stanness steer   |               |                |  |  |  |  |  |  |  |

|            |           |   |           |          |   |           | 1 |           |
|------------|-----------|---|-----------|----------|---|-----------|---|-----------|
|            |           |   |           |          |   |           |   |           |
|            |           |   |           |          |   |           |   |           |
|            |           |   |           |          |   |           |   |           |
|            |           |   |           |          |   |           |   |           |
|            |           |   |           |          |   |           | J |           |
| Contractor | Witness 1 | - | Witness 2 | Employer | - | Witness 1 | - | Witness 2 |

| Covering for screw pumps GRP(Glass Polyester Grating 383838 – Grit – |             |  |
|--|-------------|--|
| Open Mesh – Green – 2440X1220 with Stainless steel 316 Frame and     |             |  |
| Brackets)  |             |  |
| GEARBOX REPAIRS AND SERVICE – 11kW Siemens Gearbox                   |             |  |
|  |             |  |
|  | Price Incl. |  |
| Description  | VAT         |  |
| Remove Gearbox ( + Crane Hire)                                       |             |  |
| Collect Gearbox  |             |  |
| Dismantle Gearbox  |             |  |
| Replace bearings   |             |  |
| Replace gears (first stage set, intermediary set and output pinion)  |             |  |
| Replace shaft  |             |  |
| Replace oil seal   |             |  |
| Assembly   |             |  |
| Sand blast   |             |  |
| Paint  |             |  |
| Deliver  |             |  |
| Installation and commissioning                                       |             |  |
| Gearbox maintenance per unit   |             |  |

# 2.3.2.9 WELGEDACHT WWCW - Module 2 Sand Filter. Screw Pump 1-3.

| Cost Breakdown for Service and Repair   |       |           |  |  |  |  |  |
|---|-------|-----------|--|--|--|--|--|
| ( Equipment removal, collect, repair/service, return, installation and commission including labour, |       |           |  |  |  |  |  |
| travelling, tools, equipment and consumables  |       |           |  |  |  |  |  |
| INSPECTIONS   |       |           |  |  |  |  |  |
| Inspection Rate   |       |           |  |  |  |  |  |
| Minor service   |       |           |  |  |  |  |  |
| Major service   |       |           |  |  |  |  |  |
| EQUIPMENT SPARES  |       |           |  |  |  |  |  |
|   | Price | Incl. VAT |  |  |  |  |  |
| Description   | New   | Repair    |  |  |  |  |  |
| Top Bearing   |       | N/A       |  |  |  |  |  |
| Top Bearing Housing   |       |           |  |  |  |  |  |
| Top Shaft   |       |           |  |  |  |  |  |
| Bottom Bearing. Phosfor bronze PB1  |       |           |  |  |  |  |  |
| Bottom Bearing Housing  |       |           |  |  |  |  |  |
| Bottom Shaft  |       |           |  |  |  |  |  |
| Primary Coupling  |       | N/A       |  |  |  |  |  |
| Secondary Coupling  |       | N/A       |  |  |  |  |  |
| Grease Lubricator   |       |           |  |  |  |  |  |
| Splash Plate  |       |           |  |  |  |  |  |
| Gearbox base plate  |       |           |  |  |  |  |  |

| Į | Contractor | Witness 1 | Witness 2 | Employer | Witness 1 | Witness 2 |
|---|------------|-----------|-----------|----------|-----------|-----------|
|   |            |           |           |          |           |           |
| ſ |            |           |           |          |           |           |

| Top Bearing base plate  |             |  |
|---|-------------|--|
| Bottom Bearing base plate   |             |  |
|   |             |  |
| Corrosion protection (painting and corrosion coating). The screw must   |             |  |
| be sandblasted to SA 2.5 microns. Apply Carboline 891 Pipe blue   |             |  |
| between 100 and 150 Microns per coat x 3 coats; first coat Biscuit,   |             |  |
| second coat white and final coat blue. The dry film thickness must be a   |             |  |
| minimum of 300 microns Mq.  |             |  |
| Grease pipes (per meter) Stainless Steel  |             |  |
| Covering for screw pumps GRP(Glass Polyester Grating 383838 – Grit –  |             |  |
| Open Mesh – Green – 2440X1220 with Stainless steel 316 Frame and  |             |  |
| Brackets)   |             |  |
| GEARBOX REPAIRS AND SERVICE – 30kW Siemens Gearbox  |             |  |
|   |             |  |
|   | Price Incl. |  |
| Description   | VAT         |  |
| Remove Gearbox ( + Crane Hire)  |             |  |
| Collect Gearbox   |             |  |
| Dismantle Gearbox   |             |  |
| Replace bearings  |             |  |
| -10-  |             |  |
| Replace gears (first stage set, intermediary set and output pinion)   |             |  |
|   |             |  |
| Replace gears (first stage set, intermediary set and output pinion)   |             |  |
| Replace gears (first stage set, intermediary set and output pinion) Replace shaft   |             |  |
| Replace gears (first stage set, intermediary set and output pinion)  Replace shaft  Replace oil seal                              |             |  |
| Replace gears (first stage set, intermediary set and output pinion) Replace shaft Replace oil seal Assembly                       |             |  |
| Replace gears (first stage set, intermediary set and output pinion) Replace shaft Replace oil seal Assembly Sand blast            |             |  |
| Replace gears (first stage set, intermediary set and output pinion)  Replace shaft  Replace oil seal  Assembly  Sand blast  Paint |             |  |

# 2.3.3.0 WELGEDACHT WWCW - Module 2 Balancing Tank section. Screw Pump 1-4.

| Cost Breakdown for Service and Repair                                      |               |               |
|--|---------------|---------------|
| ( Equipment removal, collect, repair/service, return, installation and con | mmission incl | uding labour, |
| travelling, tools, equipment and consumables                               | )             |               |
| INSPECTIONS  |               |               |
| Inspection Rate  |               |               |
| Minor service  |               |               |
| Major service  |               |               |
| EQUIPMENT SPARES   |               |               |
|  | Price         | Incl. VAT     |
| Description  | New           | Repair        |
| Top Bearing  |               | N/A           |
| Top Bearing Housing  |               |               |
| Top Shaft  |               |               |
|  |               |               |

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

Page 100 of 146

| Bottom Bearing. Phosfor bronze PB1                                      |             |     |
|---|-------------|-----|
| Bottom Bearing Housing  |             |     |
| Bottom Shaft  |             |     |
| Primary Coupling  |             | N/A |
| Secondary Coupling  |             | N/A |
| Grease Lubricator   |             |     |
| Splash Plate  |             |     |
| Gearbox base plate  |             |     |
| Top Bearing base plate  |             |     |
| Bottom Bearing base plate   |             |     |
| Corrosion protection (painting and corrosion coating). The screw must   |             |     |
| be sandblasted to SA 2.5 microns. Apply Carboline 891 Pipe blue         |             |     |
| between 100 and 150 Microns per coat x 3 coats; first coat Biscuit,     |             |     |
| second coat white and final coat blue. The dry film thickness must be a |             |     |
| minimum of 300 microns Mq.  |             |     |
| Grease pipes (per meter) Stainless Steel                                |             |     |
| Covering for screw pumps GRP(Glass Polyester Grating 383838 – Grit –    |             |     |
| Open Mesh – Green – 2440X1220 with Stainless steel 316 Frame and        |             |     |
| Brackets)   |             |     |
| GEARBOX REPAIRS AND SERVICE – 30kW Siemens Gearbox                      |             |     |
|   |             |     |
|   | Price Incl. |     |
| Description   | VAT         |     |
| Remove Gearbox ( + Crane Hire)  |             |     |
| Collect Gearbox   |             |     |
| Dismantle Gearbox   |             |     |
| Replace bearings  |             |     |
| Replace gears (first stage set, intermediary set and output pinion)     |             |     |
| Replace shaft   |             |     |
| Replace oil seal  |             |     |
| Assembly  |             |     |
| Sand blast  |             |     |
| Paint   |             |     |
| Deliver   |             |     |
|   |             |     |
| Installation and commissioning  |             |     |

|            | 1 |           | i |           | i |          | i |           | i |           |
|------------|---|-----------|---|-----------|---|----------|---|-----------|---|-----------|
|            |   |           |   |           |   |          |   |           |   |           |
|            |   |           |   |           |   |          |   |           |   |           |
|            |   |           |   |           |   |          |   |           |   |           |
| Contractor |   | Witness 1 |   | Witness 2 |   | Employer |   | Witness 1 |   | Witness 2 |
|            |   |           |   |           |   |          |   |           |   |           |

### **2.3.3.1 WELGEDACHT WWCW** - Module 2 Inlet Works section. Screw Pump 1-6.

| Cost Breakdown for Service and Repair  |                    |               |
|--|--------------------|---------------|
| ( Equipment removal, collect, repair/service, return, installation and cortravelling, tools, equipment and consumables   |                    | uding labour, |
| INSPECTIONS  |                    |               |
| Inspection Rate  |                    |               |
| Minor service  |                    |               |
| Major service  |                    |               |
| EQUIPMENT SPARES   |                    |               |
|  | Price I            | ncl. VAT      |
| Description  | New                | Repair        |
| Top Bearing  |                    | N/A           |
| Top Bearing Housing  |                    |               |
| Top Shaft  |                    |               |
| Bottom Bearing. Phosfor bronze PB1   |                    |               |
| Bottom Bearing Housing   |                    |               |
| Bottom Shaft   |                    |               |
| Primary Coupling   |                    | N/A           |
| Secondary Coupling   |                    | N/A           |
| Grease Lubricator  |                    |               |
| Splash Plate   |                    |               |
| Gearbox base plate   |                    |               |
| Top Bearing base plate   |                    |               |
| Bottom Bearing base plate  |                    |               |
| Corrosion protection (painting and corrosion coating). The screw must be sandblasted to SA 2.5 microns. Apply Carboline 891 Pipe blue between 100 and 150 Microns per coat x 3 coats; first coat Biscuit, second coat white and final coat blue. The dry film thickness must be a minimum of 300 microns Mq. |                    |               |
| Grease pipes (per meter) Stainless Steel   |                    |               |
| Covering for screw pumps GRP(Glass Polyester Grating 383838 – Grit – Open Mesh – Green – 2440X1220 with Stainless steel 316 Frame and Brackets)  |                    |               |
| GEARBOX REPAIRS AND SERVICE – 75kW Siemens Gearbox   |                    |               |
| Description  | Price Incl.<br>VAT |               |
| Remove Gearbox ( + Crane Hire)   |                    |               |
| Collect Gearbox  |                    |               |
| Dismantle Gearbox  |                    |               |
| Replace bearings   |                    |               |
| -  |                    |               |

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

Page 102 of 146

| Replace gears (first stage set, intermediary set and output pinion) |  |
|---|--|
| Replace shaft   |  |
| Replace oil seal  |  |
| Assembly  |  |
| Sand blast  |  |
| Paint   |  |
| Deliver   |  |
| Installation and commissioning                                      |  |
| Gearbox maintenance per unit  |  |

### 2.3.3.2 <u>WELGEDACHT WWCW</u> - Module 1 Inlet Works section. Screw Pump 1-6.

| Cost Breakdown for Service and Repair  |               |               |  |
|--|---------------|---------------|--|
| ( Equipment removal, collect, repair/service, return, installation and con   | nmission incl | uding labour, |  |
| travelling, tools, equipment and consumables)  |               |               |  |
| INCRECTIONS  |               |               |  |
| INSPECTIONS  |               |               |  |
| Inspection Rate  |               |               |  |
| Minor service  |               |               |  |
| Major service  |               |               |  |
| EQUIPMENT SPARES   |               | 1 =           |  |
|  |               | ncl. VAT      |  |
| Description  | New           | Repair        |  |
| Top Bearing  |               | N/A           |  |
| Top Bearing Housing  |               |               |  |
| Top Shaft  |               |               |  |
| Bottom Bearing. Phosfor bronze PB1   |               |               |  |
| Bottom Bearing Housing   |               |               |  |
| Bottom Shaft   |               |               |  |
| Primary Coupling   |               | N/A           |  |
| Secondary Coupling   |               | N/A           |  |
| Grease Lubricator  |               |               |  |
| Splash Plate   |               |               |  |
| Gearbox base plate   |               |               |  |
| Top Bearing base plate   |               |               |  |
| Bottom Bearing base plate  |               |               |  |
| Corrosion protection (painting and corrosion coating). The screw must be sandblasted to SA 2.5 microns. Apply Carboline 891 Pipe blue between 100 and 150 Microns per coat x 3 coats; first coat Biscuit, second coat white and final coat blue. The dry film thickness must be a minimum of 300 microns Mq. |               |               |  |

Page 103 of 146

| Grease pipes (per meter) Stainless Steel                             |             |
|--|-------------|
| Covering for screw pumps GRP(Glass Polyester Grating 383838 – Grit – |             |
| Open Mesh – Green – 2440X1220 with Stainless steel 316 Frame and     |             |
| Brackets)  |             |
| GEARBOX REPAIRS AND SERVICE – 55kW Siemens Gearbox                   |             |
|  |             |
|  | Price Incl. |
| Description  | VAT         |
| Remove Gearbox ( + Crane Hire)                                       |             |
| Collect Gearbox  |             |
| Dismantle Gearbox  |             |
| Replace bearings   |             |
| Replace gears (first stage set, intermediary set and output pinion)  |             |
| Replace shaft  |             |
| Replace oil seal   |             |
| Assembly   |             |
| Sand blast   |             |
| Paint  |             |
| Deliver  |             |
| Installation and commissioning                                       |             |
| Gearbox maintenance per unit   |             |
|  |             |

#### 2.3.3.3 EMERGENCY AND CALL OUT REQUESTS

Provide the rates that will be applicable for materials purchased and call out services that might be required on ad-hoc "as and when required" basis over and above the maintenance requirements detailed above.

#### 2.3.3.3.1 Normal Labour Rate

| Description | Normal Working Hours<br>Rate per Hour (Incl. VAT) | After Hours, Weekend and<br>Public Holidays<br>Rate per Hour (Incl. VAT) |
|-------------|---|--|
| Labour Rate | R   | R  |

### 2.3.3.3.2 Call out Fee

| Description   | Normal Working Hours<br>Rate per Hour (Incl. VAT) | After Hours, Weekend and<br>Public Holidays<br>Rate per Hour (Incl. VAT) |  |
|---|---|--|--|
| Call Out Fee Including 4 hours labour and traveling for artisan and assistant | R   | R  |  |

### 2.3.3.3.3 Travelling

| Description                 | Unit of Measure | Rate (Incl. VAT) |
|-----------------------------|-----------------|------------------|
| Artisan Including Assistant | Rate/hour       | R                |

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

2.3.3.3.4 Travelling

| Description             | Unit of Measure | Rate (Incl. VAT) |
|-------------------------|-----------------|------------------|
| Light Duty Delivery Van | Rate/km         | R                |
| Above 8 Ton Crane truck | Rate/km         | R                |
| Below 8 Ton Crane truck | Rate/km         | R                |

#### AA Rates will be applicable and adjustments will be done according to current fuel prices.

2.3.3.3.5 A Mark-up on purchased of related items not included in this document is applicable to this bid and shall not exceed 10% subject to the approval at the discretion of ERWAT.

**NB:** The bidders are to note that ERWAT reserves the right to inspect the quote for market relation or to advise the service provider of suppliers to source quotes from.

I, the undersigned, the authorised designated signatory, undertake to carry out the works in accordance with the conditions of contract, the specifications for the tender sum as indicated and within the time for completion as specified in the Contract.

| BIDDER'S name:      |       |
|---------------------|-------|
| BIDDER'S signature: | Date: |
| Name of Firm:       |       |
| Address             |       |
|                     |       |
|                     |       |
| Telephone number:   |       |
| Fax Number:         |       |
| Cellular number:    |       |
| E Mail Address:     |       |
|                     |       |
|                     |       |
|                     |       |
|                     |       |

# 2.4 <u>LIST OF IMPORTED ITEMS</u>

Contractors to list all items which are not solely South African manufactured.

| ITEM | DESCRIPTION | R VALUE | ROE |
|------|-------------|---------|-----|
| 1    |             | R       |     |
| 2    |             | R       |     |
| 3    |             | R       |     |
| 4    |             | R       |     |
| 5    |             | R       |     |
| 6    |             | R       |     |
| 7    |             | R       |     |
| 8    |             | R       |     |
| 9    |             | R       |     |
| 10   |             | R       |     |

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

# 2.5 ALTERNATIVE OFFERS

If a bidder wishes to submit an alternative for any of the items in the schedule of quantities, the bidder must indicate on the pricing schedule and complete the form included in the bidding documents.

No alternative bid will be considered, unless an unqualified bid, strictly on the basis of the bid documents, is

| also submitted.   | iless all ullqualilled blu, still | ony on the basis of the bid do  | cuments, is |
|---|-----------------------------------|---------------------------------|-------------|
| f subsequently required, the bidder shal<br>n the form set out by the Engineer, ar<br>bidder's account, if his bid is accepted. |                                   |                                 |             |
| Only ISO/SANS/SABS or items registere   | ed with the relevant regulate     | ory authority will be considere | ed.         |
| Please note that ERWAT reserves the ri  | ight to accept or not accept      | the alternative offered.        |             |
|   |                                   |                                 |             |
|   |                                   |                                 |             |
|   |                                   |                                 |             |
|   |                                   |                                 |             |
|   |                                   |                                 |             |
|   |                                   |                                 |             |
|   |                                   |                                 |             |
|   |                                   |                                 |             |
|   |                                   |                                 |             |
|   |                                   |                                 |             |
|   |                                   |                                 |             |
|   |                                   |                                 |             |
|   |                                   |                                 |             |
|   |                                   |                                 |             |
|   |                                   |                                 |             |
| SIGNATURE OF BIDDER   | DATE                              |                                 |             |
|   |                                   |                                 |             |
|   |                                   |                                 |             |
|   |                                   |                                 |             |
|   |                                   |                                 |             |

Witness 1

Contractor

Witness 2

Employer

Witness 1

Witness 2



### 2.6 SITE INFORMATION

NB: Various EWRAT Sites that can apply to this tender document are presented on the table presented below.

#### 2.1.5 Current ERWAT Sites but not limited to (GPS Coordinates as on Google Map)

| NO | PLANT                               | ADDRESS   | South Coordinates | East Coordinates |
|----|-------------------------------------|---|-------------------|------------------|
| 1  | Ancor WCW                           | Ermelo Road, Strubenvale, Springs   | 26° 16' 16.67"    | 28° 28' 48.83"   |
| 2  | Benoni WCW                          | 6 Lancaster Road, Actonville, Benoni  | 26° 12′ 30.77"    | 28° 19' 0.92"    |
| 3  | Carl Grundling WCW                  | Portion 58, farm Varkpensfontein, Nigel   | 26° 23′ 0.53"     | 28° 28' 1.79"    |
| 4  | Daveyton WCW                        | Plot 44, Holfontein Road, Etwatwa Ext 1, Daveyton   | 26° 8' 9.46"      | 28° 27' 51.55"   |
| 5  | Dekema WCW                          | No. 536, Sontonga Street, Motsai Section, Katlehong                                       | 26° 19' 38.99"    | 28° 9′ 53.56″    |
| 6  | Esther Park WCW                     | 3 Tipuana Street, Estherpark Ext 1,Kempton Park   | 26° 5' 58.71"     | 28° 11′ 1.13″    |
| 7  | Hartebeestfontein WCW & Head Office | R25 Bapsfontein/Bronkhorspruit Road, ERWAT<br>Hartebeestfontein Office Park, Kempton Park | 26° 1' 11.09"     | 28° 17' 1.70"    |
| 8  | Heidelberg WCW                      | Portion 28, farm Boschoek, Vaaldam Road,<br>Heidelberg                                    | 26° 32' 22.59"    | 28° 19' 48.93"   |
| 9  | Herbert Bickley WCW                 | Plot 14, Mariasdrift, Nigel   | 26° 26′ 7.41″     | 28° 26′ 8.68″    |
| 10 | Jan Smuts WCW                       | Corner of Escombe and Wanderers Street, Brakpan   | 26° 13' 25.82"    | 28° 22' 32.29"   |
| 11 | JP Marais WCW and workshop          | Corner of N12 and Kingsway Road, Benoni   | 26° 10' 12.61"    | 28° 23′ 47.53″   |
| 12 | Olifantsfontein WCW and workshop    | Keramiek Road, Olifantsfontein  | 26° 56′ 32.62″    | 28° 12′ 58.43″   |
| 13 | Ratanda WCW                         | Farm Klipstappel, Vaaldam Road, Heidelberg  | 26° 34′ 57.80"    | 28° 18' 11.27"   |
| 14 | Rondebult WCW                       | Corner of Van Dyk & Kalk Road, Rondebult, Germiston                                       | 26° 17' 56.24"    | 28° 13' 34.56"   |
| 15 | Rynfield WCW                        | Vlakfontein Farm 69, Sarel Cilliers Street, Rynfield, Benoni                              | 26° 9′ 38.07"     | 28° 21' 26.48"   |
| 16 | Tsakane WCW                         | Corner of Khama and Modjadji Street, Tsakane  | 26° 22' 32.63"    | 28° 21' 56.23"   |
| 17 | Vlakplaats WCW                      | Corner of Brickfield and Bierman Road, Vosloorus  | 26° 21' 10.77"    | 28° 10' 58.76"   |

|            |           | Г         | _        | 1 |           | <br>      |
|------------|-----------|-----------|----------|---|-----------|-----------|
|            |           |           |          |   |           |           |
|            |           |           |          |   |           |           |
|            |           |           |          |   |           |           |
|            |           |           |          |   |           |           |
| Contractor | Witness 1 | Witness 2 | Employer |   | Witness 1 | Witness 2 |

Page 108 of 146

| 18 | Waterval WCW and workshop      | Meadow Road, Kliprivier                          | 26° 26' 16.55" | 28° 6′ 3.83"   |
|----|--------------------------------|--|----------------|----------------|
| 19 | Welgedacht WCW                 | Carnation Road, Welgedacht A-Holdings, Springs   | 26° 11′ 30.50″ | 28° 28' 26.04" |
| 20 | Technical Vlakplaats           | Corner of Brickfield and Bierman Road, Vosloorus | 26° 21′ 14.71″ | 28° 10′ 59.39″ |
| 21 | Technical<br>Hartebeestfontein | Bapsfontein Road, Kempton Park                   | 26° 1' 24.07"  | 28° 17′ 8.26″  |

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

## 2.7 ANNEXURES

#### Annex A:

# DTI STIPULATED MINIMUM THRESHOLD FOR LOCAL PRODUCTION AND CONTENT FOR VALVES PRODUCTS AND ACTUATORS

| Crew Cabin   | • 100%  |  |
|--|---|--|
| Super Structure  | • 100%  |  |
| Assembly   | • 100%  |  |
| eel Products and Component for Construction  |   |  |
| eel Value-added Products   | • 100%  |  |
| Fabricated Structural Steel  | • 100%  |  |
| Joining/Connecting Components  | • 100%  |  |
| Frames   | • 100%  |  |
| Roof and Cladding  | • 100%  |  |
| Fasteners  | • 100%  |  |
| Wire Products  | • 100%  |  |
| Ducting and Structural pipework  | • 100%  |  |
| Gutters, downpipes & lauders   |   |  |
| I Malana and data di Baranda and data  | • 100%  |  |
| eel Value-added Products   | • 100%  |  |
| - Plates   | • 100%  |  |
| Plates     Sheets  | • 100%  |  |
| Sheets     Calvaniand and Calour Control Caille  | • 100%  |  |
| Galvanised and Colour Coated Coils     Wise Bod and Drawn Wise   | • 100%  |  |
| Wire Rod and Drawn Wire     Sections   |   |  |
|  |   |  |
| Reinforcing bars   |   |  |
| umps, Medium Voltage (MV) Motor and ssociated Accessories  | 70%   |  |
| Casting or Frame Fabrication   | • 100%  |  |
| Fabrication and winding of the Rotor Core  | • 100%  |  |
| Accessories  | • 100%  |  |
| Assembly and testing of the fully-built unit   | • 100%  |  |
| nil Permanent Way  | 90%   |  |
|  |   |  |
| 10 0000 Commonwell (10 00 00 00 00 00 00 00 00 00 00 00 00 0   | • 100%  |  |
| Rails and rail joints     Ballasts   | • 100%<br>• 100%  |  |
| Rails and rail joints  |   |  |
| Rails and rail joints     Ballasts     Ballastless   | • 100%  |  |
| Rails and rail joints     Ballasts   | • 100%<br>• 100%  |  |
| <ul> <li>Rails and rail joints</li> <li>Ballasts</li> <li>Ballastless</li> <li>Turnouts/switches and crossings</li> <li>Railway sleepers</li> </ul>  | • 100%<br>• 100%<br>• 100%  |  |
| <ul> <li>Rails and rail joints</li> <li>Ballasts</li> <li>Ballastless</li> <li>Turnouts/switches and crossings</li> </ul>  | • 100%<br>• 100%<br>• 100%<br>• 100%                              |  |
| <ul> <li>Rails and rail joints</li> <li>Ballasts</li> <li>Ballastless</li> <li>Turnouts/switches and crossings</li> <li>Railway sleepers</li> <li>Rail fastening and accessories</li> </ul>  | • 100%<br>• 100%<br>• 100%<br>• 100%<br>• 100%                    |  |
| <ul> <li>Rails and rail joints</li> <li>Ballasts</li> <li>Ballastless</li> <li>Turnouts/switches and crossings</li> <li>Railway sleepers</li> <li>Rail fastening and accessories</li> <li>Railway maintenance of way plant &amp; equipment</li> <li>Assembly and testing of fully build unitst</li> </ul>  | • 100%<br>• 100%<br>• 100%<br>• 100%<br>• 100%                    |  |
| <ul> <li>Rails and rail joints</li> <li>Ballasts</li> <li>Ballastless</li> <li>Turnouts/switches and crossings</li> <li>Railway sleepers</li> <li>Rail fastening and accessories</li> <li>Railway maintenance of way plant &amp; equipment</li> <li>Assembly and testing of fully build unitst</li> </ul>  | • 100%<br>• 100%<br>• 100%<br>• 100%<br>• 100%<br>• 70%<br>• 100% |  |
| <ul> <li>Rails and rail joints</li> <li>Ballasts</li> <li>Ballastless</li> <li>Turnouts/switches and crossings</li> <li>Railway sleepers</li> <li>Rail fastening and accessories</li> <li>Railway maintenance of way plant &amp; equipment</li> <li>Assembly and testing of fully build unitst</li> </ul> astic Pipes <ul> <li>Polyvinyl chloride (PVC) pipes</li> </ul>   | • 100%<br>• 100%<br>• 100%<br>• 100%<br>• 100%<br>100%            |  |
| <ul> <li>Rails and rail joints</li> <li>Ballasts</li> <li>Ballastless</li> <li>Turnouts/switches and crossings</li> <li>Railway sleepers</li> <li>Rail fastening and accessories</li> <li>Railway maintenance of way plant &amp; equipment</li> <li>Assembly and testing of fully build unitst</li> </ul> astic Pipes <ul> <li>Polyvinyl chloride (PVC) pipes</li> <li>High density polyethylene (HDPE) pipes</li> </ul> | • 100%<br>• 100%<br>• 100%<br>• 100%<br>• 100%<br>• 100%<br>100%  |  |
| <ul> <li>Rails and rail joints</li> <li>Ballasts</li> <li>Ballastless</li> <li>Turnouts/switches and crossings</li> <li>Railway sleepers</li> <li>Rail fastening and accessories</li> <li>Railway maintenance of way plant &amp; equipment</li> <li>Assembly and testing of fully build unitst</li> </ul> astic Pipes <ul> <li>Polyvinyl chloride (PVC) pipes</li> </ul>   | • 100%<br>• 100%<br>• 100%<br>• 100%<br>• 100%<br>100%            |  |

| L | Contractor | Witness 1 | Witness 2 | Employer | Witness 1 | J | Witness 2 |
|---|------------|-----------|-----------|----------|-----------|---|-----------|
|   |            |           |           |          |           |   |           |
| I |            |           |           |          |           |   |           |

| Air insulated MV Switchgear   | 50%    |
|-------------------------------|--------|
| Instrument Transformers       | • 15%  |
| Busbars                       | • 5%   |
| Housing                       | • 25%  |
| Switching Devices             | • 5%   |
| Bulk Material Handling        | 85%    |
| Conveyer Idlers               | • 70%  |
| Structural Steel              | • 100% |
| Rubber                        | • 100% |
| Conveyor Belt                 | • 100% |
| • Pulleys                     | • 60%  |
| ndustrial lead Acid Batteries | 50%    |

#### Annex B:

DTI STIPULATED MINIMUM THRESHOLD FOR LOCAL PRODUCTION AND CONTENT FOR LARGE BORE SPIRAL SUBMERGED ARC WELDED STEEL CONVEYANCE PIPES: 500MM TO 3500MM (CONVEYANCE PIPES)

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

|      | EXAMPLE             |                 |            |                                      |                         |   |                   |             |                                  |               |                       |                                 | SATS 1286.2011         |
|------|---------------------|-----------------|------------|--------------------------------------|-------------------------|---|-------------------|-------------|----------------------------------|---------------|-----------------------|---------------------------------|------------------------|
|      |                     |                 |            |                                      |                         |   | Annex             | C           |                                  |               |                       |                                 |                        |
|      |                     |                 |            |                                      |                         |   |                   |             |                                  |               |                       |                                 |                        |
|      |                     |                 |            |                                      | Local                   | Content De  | claration         | - Summai    | y Schedul                        | е             |                       |                                 |                        |
| C1)  | Tender No.          |                 |            |                                      |                         |   |                   |             |                                  |               |                       | Note: VAT to be exc             | luded from all         |
| C2)  | Tender descripti    | on:             |            |                                      |                         |   |                   |             |                                  |               |                       | calculations                    | nauca mom an           |
| C3)  | Designated prod     |                 |            |                                      |                         |   |                   |             |                                  |               |                       | Calculations                    |                        |
| C4)  | Tender Authorit     |                 |            |                                      |                         |   |                   |             |                                  |               |                       |                                 |                        |
| C5)  | Tendering Entity    |                 |            |                                      |                         |   |                   |             |                                  |               |                       |                                 |                        |
| 'C6) | Tender Exchang      |                 | USD        |                                      | EU                      |   | GBP               |             |                                  |               |                       |                                 |                        |
|      | Specified local c   |                 | 80%        |                                      |                         |   |                   |             |                                  |               |                       |                                 |                        |
|      | •                   |                 |            |                                      | С                       | alculation of I   | ocal content      |             |                                  |               | Tend                  | er summary                      |                        |
|      | Tender item<br>no's | List of it      | tems       | Tender price -<br>each<br>(excl VAT) | Exempted imported value | Tender value<br>net of<br>exempted<br>imported<br>content | Imported<br>value | Local value | Local<br>content %<br>(per item) | Tender<br>Qty | Total tender value    | Total exempted imported content | Total Imported content |
|      | (C8)                | (C9)            | )          | (C10)                                | (C11)                   | (C12)   | (C13)             | (C14)       | (C15)                            | (C16)         | (C17)                 | (C18)                           | (C19)                  |
|      |                     |                 |            |                                      |                         |   |                   |             |                                  |               | R 0                   | R 0                             | R 0                    |
|      |                     |                 |            |                                      |                         |   |                   |             |                                  |               | R 0                   | R 0                             | R 0                    |
|      |                     |                 |            |                                      |                         |   |                   |             |                                  |               | R 0                   | R 0                             | R 0                    |
|      |                     |                 |            |                                      |                         |   |                   |             |                                  |               | R 0                   | R 0                             | R 0                    |
|      |                     |                 |            |                                      |                         |   |                   |             |                                  |               | R 0                   | R 0                             | R 0                    |
|      |                     |                 |            |                                      |                         |   |                   |             |                                  |               | R O                   | R O                             | R O                    |
|      |                     |                 |            |                                      |                         |   |                   |             |                                  |               | R 0                   | R 0                             | R 0                    |
|      |                     |                 |            |                                      |                         |   |                   |             |                                  | <u> </u>      | R 0                   | R 0                             | R 0                    |
|      |                     |                 |            |                                      |                         |   |                   |             | (C20) Total te                   |               |                       |                                 |                        |
|      | Signature of ten    | derer from Anne | <u>x B</u> |                                      |                         |   |                   |             |                                  |               | pt imported content   | R 0                             |                        |
|      |                     |                 |            |                                      |                         |   |                   | (C22) Total | Tender value n                   | et of exem    | pt imported content   | R O                             |                        |
|      |                     |                 |            |                                      |                         |   |                   |             |                                  |               |                       | I Imported content              | R 0                    |
|      | _                   |                 |            |                                      |                         |   |                   |             |                                  |               |                       | Total local content             | R O                    |
|      | Date:               |                 |            |                                      |                         |   |                   |             |                                  |               | (C25) Average local o | content % of tender             | #DIV/0!                |

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

Witness 2

Witness 1

|              | EXAMPLE                             |   |   |                                 |   |   |                               |  |                                       |  |   |  | SATS 1286.2011   |
|--------------|-------------------------------------|---|---|---------------------------------|---|---|-------------------------------|--|---------------------------------------|--|---|--|--|
|              |                                     |   |   |                                 | Α   | nnex D  |                               |  |                                       |  |   |  |  |
|              |                                     |   |   |                                 |   |   |                               |  |                                       |  |   |  |  |
|              |                                     |   | li  | mported Co                      | ntent Declaratio  | n - Suppo   | rting Sche                    | dule to Ar                                     | nex C                                 |  |   |  |  |
|              |                                     |   |   |                                 |   |   |                               |  |                                       |  |   |  |  |
| (D1)         | Tender No.                          | ·                                       |   |                                 |   |   |                               |  | Note: VAT to be                       | excluded from  |   |  |  |
| (D2)<br>(D3) | Tender descripti<br>Designated Proc |   |   |                                 |   |   |                               |  | all calculations                      |  |   |  |  |
| (D4)         | Tender Authorit                     |   |   |                                 |   |   |                               |  |                                       |  |   |  |  |
| (D5)         | Tendering Entity                    |   | LICE  |                                 | ]<br>   |   | Con                           |  |                                       |  |   |  |  |
| (D6)         | Tender Exchang                      | e Kate:                                 | USD   |                                 | EU  |   | GBP                           |  |                                       |  |   |  |  |
|              | A. Exempte                          | ed imported co                          | ontent  |                                 |   |   |                               | Calculation of                                 | imported conte                        | nt   |   |  | Summary  |
|              |                                     |   |   |                                 |   | Forign  |                               |  |                                       | All locally  |   |  |  |
|              | Tender item<br>no's                 | Description of im                       | ported content  | Local supplier                  | Overseas Supplier   | currency<br>value as per<br>Commercial<br>Invoice           | Tender<br>Exchange<br>Rate    | Local value of imports                         | Freight costs to port of entry        | incurred<br>landing costs<br>& duties                | Total landed cost excl VAT                          | Tender Qty   | Exempted imported value  |
|              | (D7)                                | (D8                                     | 3)  | (D9)                            | (D10)   | (D11)   | (D12)                         | (D13)  | (D14)                                 | (D15)  | (D16)   | (D17)  | (D18)  |
|              |                                     |   |   |                                 |   |   |                               |  |                                       |  |   |  |  |
|              |                                     |   |   |                                 |   |   |                               |  |                                       |  |   |  |  |
|              |                                     |   |   |                                 |   |   |                               |  |                                       | (D19)  | Total exempt in                                     |  |  |
|              |                                     |   |   |                                 |   |   |                               |  |                                       |  |   |  | ust correspond with  |
|              |                                     |   |   |                                 |   |   |                               |  |                                       |  |   | Ani  | nex C - C 21   |
|              |                                     |   |   |                                 |   |   |                               |  |                                       |  |   |  | -  |
|              | B. Importe                          | d directly by t                         | he Tenderer   |                                 |   |   | (                             | Calculation of                                 | imported conte                        | nt   |   |  | Summary  |
|              | Tender item<br>no's                 | Description of im                       |   | Unit of<br>measure              | Overseas Supplier   | Forign<br>currency<br>value as per<br>Commercial<br>Invoice | Tender Rate<br>of Exchange    | Local value of imports                         | Freight costs to port of entry        | All locally<br>incurred<br>landing costs<br>& duties | Total landed cost excl VAT                          | Tender Qty   | Total imported value   |
|              | (D20)                               | (D2                                     | 1)  | (D22)                           | (D23)   | (D24)   | (D25)                         | (D26)  | (D27)                                 | (D28)  | (D29)   | (D30)  | (D31)  |
|              |                                     |   |   |                                 |   |   |                               |  |                                       |  |   |  |  |
|              |                                     |   |   |                                 |   |   |                               |  |                                       |  |   |  |  |
|              |                                     |   |   |                                 |   |   |                               |  |                                       |  |   |  |  |
|              |                                     |   |   |                                 |   |   |                               |  |                                       |  |   |  |  |
|              |                                     |   |   |                                 |   |   |                               |  |                                       |  |   |  |  |
|              |                                     |   |   |                                 |   |   |                               |  |                                       |  |   |  |  |
|              |                                     | •                                       | 1   |                                 |   |   |                               |  |                                       | (022) 7-4  | -1:   |  |  |
|              |                                     | ×                                       |   |                                 |   |   |                               |  |                                       | (D32) To   | al imported valu                                    | e by tenderer  | r R 0  |
|              | C. Importe                          | d by a 3rd part                         | ty and supplie  | ed to the Te                    | nderer  |   |                               | Calculation of                                 | imported conte                        |  | al imported valu                                    |  | R 0  |
|              | C. Importe                          | d by a 3rd part                         | y and supplie   | ed to the Te                    | nderer  | Forign  |                               | Calculation of                                 | imported conte                        | nt   | al imported valu                                    |  |  |
|              |                                     | d by a 3rd part                         | ty and supplice   | ed to the Te                    | nderer<br>Overseas Supplier   | Forign<br>currency<br>value as per<br>Commercial<br>Invoice |                               | Calculation of<br>Local value of<br>imports    | imported conte                        |  | al imported valu                                    |  |  |
|              | Description of                      |   |   |                                 |   | currency<br>value as per<br>Commercial                      | Tender Rate                   | Local value of                                 | Freight costs to                      | All locally<br>incurred<br>landing costs             | Total landed  | Quantity   | Summary  |
|              | Description of                      | f imported content                      | Unit of measure   | Local supplier                  | Overseas Supplier   | currency<br>value as per<br>Commercial<br>Invoice           | Tender Rate<br>of Exchange    | Local value of imports                         | Freight costs to port of entry        | All locally<br>incurred<br>landing costs<br>& duties | Total landed cost excl VAT                          | Quantity<br>imported   | Summary  Total imported value  |
|              | Description of                      | f imported content                      | Unit of measure   | Local supplier                  | Overseas Supplier   | currency<br>value as per<br>Commercial<br>Invoice           | Tender Rate<br>of Exchange    | Local value of imports                         | Freight costs to port of entry        | All locally<br>incurred<br>landing costs<br>& duties | Total landed cost excl VAT                          | Quantity<br>imported   | Summary  Total imported value  |
|              | Description of                      | f imported content                      | Unit of measure   | Local supplier                  | Overseas Supplier   | currency<br>value as per<br>Commercial<br>Invoice           | Tender Rate<br>of Exchange    | Local value of imports                         | Freight costs to port of entry        | All locally<br>incurred<br>landing costs<br>& duties | Total landed cost excl VAT                          | Quantity<br>imported   | Summary  Total imported value  |
|              | Description of                      | f imported content                      | Unit of measure   | Local supplier                  | Overseas Supplier   | currency<br>value as per<br>Commercial<br>Invoice           | Tender Rate<br>of Exchange    | Local value of imports                         | Freight costs to port of entry        | All locally<br>incurred<br>landing costs<br>& duties | Total landed cost excl VAT                          | Quantity<br>imported   | Summary  Total imported value  |
|              | Description of                      | f imported content                      | Unit of measure   | Local supplier                  | Overseas Supplier   | currency<br>value as per<br>Commercial<br>Invoice           | Tender Rate<br>of Exchange    | Local value of imports                         | Freight costs to port of entry        | All locally incurred landing costs & duties          | Total landed cost excl VAT                          | Quantity imported  | Total imported value   |
|              | Description of                      | f imported content                      | Unit of measure   | Local supplier                  | Overseas Supplier (D36)   | currency<br>value as per<br>Commercial<br>Invoice<br>(D37)  | Tender Rate<br>of Exchange    | Local value of imports                         | Freight costs to port of entry        | All locally incurred landing costs & duties          | Total landed cost excl VAT                          | Quantity imported  | Total imported value   |
|              | Description of                      | f imported content                      | Unit of measure (D34) y payments                                      | Local supplier (D35)            | Overseas Supplier  (D36)  Calculation of foreign payment                              | currency value as per Commercial Invoice (D37)              | Tender Rate<br>of Exchange    | Local value of imports                         | Freight costs to port of entry        | All locally incurred landing costs & duties          | Total landed cost excl VAT                          | Quantity imported  | Total imported value  (D44)  R 0  Summary of payments  |
|              | Description of                      | f imported content                      | Unit of measure  (D34)  y payments  Local supplier making the         | Local supplier  (D35)  Overseas | Overseas Supplier  (D36)  Calculation of foreign payment  Foreign currency value      | currency value as per Commercial Invoice (D37)              | Tender Rate<br>of Exchange    | Local value of imports                         | Freight costs to port of entry        | All locally incurred landing costs & duties          | Total landed cost excl VAT                          | Quantity imported  | Total imported value  (D44)  R 0  Summary of payments  Local value of  |
|              | Description of                      | (D33)  Dreign currence                  | Unit of measure  (D34)  y payments  Local supplier making the payment | (D35)  Overseas beneficiary     | Overseas Supplier  (D36)  Calculation of foreign payment  Foreign currency value paid | currency value as per Commercial Invoice (D37)              | Tender Rate<br>of Exchange    | Local value of imports                         | Freight costs to port of entry        | All locally incurred landing costs & duties          | Total landed cost excl VAT                          | Quantity imported  | Total imported value  (D44)  R 0  Summary of payments  Local value of payments   |
|              | Description of                      | (D33)  Oreign currence                  | Unit of measure  (D34)  y payments  Local supplier making the         | Local supplier  (D35)  Overseas | Overseas Supplier  (D36)  Calculation of foreign payment  Foreign currency value      | currency value as per Commercial Invoice (D37)              | Tender Rate<br>of Exchange    | Local value of imports                         | Freight costs to port of entry        | All locally incurred landing costs & duties          | Total landed cost excl VAT                          | Quantity imported  | Total imported value  (D44)  R 0  Summary of payments  Local value of payments  (D51)  |
|              | Description of                      | (D33)  Dreign currence                  | Unit of measure  (D34)  y payments  Local supplier making the payment | (D35)  Overseas beneficiary     | Overseas Supplier  (D36)  Calculation of foreign payment  Foreign currency value paid | currency value as per Commercial Invoice (D37)              | Tender Rate<br>of Exchange    | Local value of imports                         | Freight costs to port of entry        | All locally incurred landing costs & duties          | Total landed cost excl VAT                          | Quantity imported  | Total imported value  (D44)  R 0  Summary of payments  Local value of payments  (D51)  R 0  R 0                                      |
|              | Description of                      | (D33)  Dreign currence                  | Unit of measure  (D34)  y payments  Local supplier making the payment | (D35)  Overseas beneficiary     | Overseas Supplier  (D36)  Calculation of foreign payment  Foreign currency value paid | currency value as per Commercial Invoice (D37)              | Tender Rate<br>of Exchange    | Local value of imports                         | Freight costs to port of entry        | All locally incurred landing costs & duties          | Total landed cost excl VAT                          | Quantity imported  | Total imported value  (D44)  R 0  Summary of payments  Local value of payments  (D51)  R 0  R 0  R 0                                 |
|              | Description of                      | (D33)  Dreign currence                  | Unit of measure  (D34)  y payments  Local supplier making the payment | (D35)  Overseas beneficiary     | Overseas Supplier  (D36)  Calculation of foreign payment  Foreign currency value paid | currency value as per Commercial Invoice (D37)              | Tender Rate of Exchange (D38) | Local value of imports  (D39)                  | Freight costs to port of entry        | All locally incurred landing costs & duties (D41)    | Total landed cost excl VAT                          | Quantity imported (D43)  | Summary  Total imported value  (D44)  R 0  Summary of payments  Local value of payments  (D51)  R 0  R 0  R 0  R 0                   |
|              | Description of                      | (D33)  Dreign currence                  | Unit of measure  (D34)  y payments  Local supplier making the payment | (D35)  Overseas beneficiary     | Overseas Supplier  (D36)  Calculation of foreign payment  Foreign currency value paid | currency value as per Commercial Invoice (D37)              | Tender Rate of Exchange (D38) | Local value of imports  (D39)  2) Total of for | Freight costs to port of entry  (D40) | All locally incurred landing costs & duties (D41)    | Total landed cost excl VAT  (D42)  al imported valu | Quantity imported  (D43)  be by 3rd party                                | Total imported value  (D44)  R 0  Summary of payments  Local value of payments  (D51)  R 0  R 0  R 0  R 0  R 0                       |
|              | Description of                      | (D33)  Oreign currency of payment (D46) | Unit of measure  (D34)  y payments  Local supplier making the payment | (D35)  Overseas beneficiary     | Overseas Supplier  (D36)  Calculation of foreign payment  Foreign currency value paid | currency value as per Commercial Invoice (D37)              | Tender Rate of Exchange (D38) | Local value of imports  (D39)  2) Total of for | Freight costs to port of entry  (D40) | All locally incurred landing costs & duties (D41)    | Total landed cost excl VAT  (D42)  al imported valu | Quantity imported  (D43)  be by 3rd party                                | Total imported value  (D44)  R 0  Summary of payments  Local value of payments  (D51)  R 0  R 0  R 0  R 0  R 0                       |
|              | Description of                      | (D33)  Oreign currency of payment (D46) | Unit of measure  (D34)  y payments  Local supplier making the payment | (D35)  Overseas beneficiary     | Overseas Supplier  (D36)  Calculation of foreign payment  Foreign currency value paid | currency value as per Commercial Invoice (D37)              | Tender Rate of Exchange (D38) | Local value of imports  (D39)  2) Total of for | Freight costs to port of entry  (D40) | All locally incurred landing costs & duties (D41)    | Total landed cost excl VAT  (D42)  al imported valu | Quantity imported  (D43)  d/or 3rd party  d/or 3rd party  d/or 3rd party | Summary  Total imported value  (D44)  R 0  Summary of payments  Local value of payments  (D51)  R 0  R 0  R 0  R 0  R 0  R 0  R 0  R |
|              | Description of                      | (D33)  Oreign currency of payment (D46) | Unit of measure  (D34)  y payments  Local supplier making the payment | (D35)  Overseas beneficiary     | Overseas Supplier  (D36)  Calculation of foreign payment  Foreign currency value paid | currency value as per Commercial Invoice (D37)              | Tender Rate of Exchange (D38) | Local value of imports  (D39)  2) Total of for | Freight costs to port of entry  (D40) | All locally incurred landing costs & duties (D41)    | Total landed cost excl VAT  (D42)  al imported valu | Quantity imported  (D43)  d/or 3rd party  d/or 3rd party  d/or 3rd party | Summary  Total imported value  (D44)  R 0  Summary of payments  Local value of payments  (D51)  R 0  R 0  R 0  R 0  R 0              |
|              | D. Other fo                         | (D33)  Oreign currency of payment (D46) | Unit of measure  (D34)  y payments  Local supplier making the payment | (D35)  Overseas beneficiary     | Overseas Supplier  (D36)  Calculation of foreign payment  Foreign currency value paid | currency value as per Commercial Invoice (D37)              | Tender Rate of Exchange (D38) | Local value of imports  (D39)  2) Total of for | Freight costs to port of entry  (D40) | All locally incurred landing costs & duties (D41)    | Total landed cost excl VAT  (D42)  al imported valu | Quantity imported  (D43)  d/or 3rd party  d/or 3rd party  d/or 3rd party | Summary  Total imported value  (D44)  R 0  Summary of payments  Local value of payments  (D51)  R 0  R 0  R 0  R 0  R 0  R 0  R 0  R |
|              | D. Other fo                         | (D33)  Oreign currency of payment (D46) | Unit of measure  (D34)  y payments  Local supplier making the payment | (D35)  Overseas beneficiary     | Overseas Supplier  (D36)  Calculation of foreign payment  Foreign currency value paid | currency value as per Commercial Invoice (D37)              | Tender Rate of Exchange (D38) | Local value of imports  (D39)  2) Total of for | Freight costs to port of entry  (D40) | All locally incurred landing costs & duties (D41)    | Total landed cost excl VAT  (D42)  al imported valu | Quantity imported  (D43)  d/or 3rd party  d/or 3rd party  d/or 3rd party | Summary  Total imported value  (D44)  R 0  Summary of payments  Local value of payments  (D51)  R 0  R 0  R 0  R 0  R 0  R 0  R 0  R |
|              | D. Other fo                         | (D33)  Oreign currency of payment (D46) | Unit of measure  (D34)  y payments  Local supplier making the payment | (D35)  Overseas beneficiary     | Overseas Supplier  (D36)  Calculation of foreign payment  Foreign currency value paid | currency value as per Commercial Invoice (D37)              | Tender Rate of Exchange (D38) | Local value of imports  (D39)  2) Total of for | Freight costs to port of entry  (D40) | All locally incurred landing costs & duties (D41)    | Total landed cost excl VAT  (D42)  al imported valu | Quantity imported  (D43)  d/or 3rd party  d/or 3rd party  d/or 3rd party | Summary  Total imported value  (D44)  R 0  Summary of payments  Local value of payments  (D51)  R 0  R 0  R 0  R 0  R 0  R 0  R 0  R |
|              | D. Other fo                         | (D33)  Oreign currency of payment (D46) | Unit of measure  (D34)  y payments  Local supplier making the payment | (D35)  Overseas beneficiary     | Overseas Supplier  (D36)  Calculation of foreign payment  Foreign currency value paid | currency value as per Commercial Invoice (D37)              | Tender Rate of Exchange (D38) | Local value of imports  (D39)  2) Total of for | Freight costs to port of entry  (D40) | All locally incurred landing costs & duties (D41)    | Total landed cost excl VAT  (D42)  al imported valu | Quantity imported  (D43)  d/or 3rd party  d/or 3rd party  d/or 3rd party | Summary  Total imported value  (D44)  R 0  Summary of payments  Local value of payments  (D51)  R 0  R 0  R 0  R 0  R 0  R 0  R 0  R |
|              | D. Other fo                         | (D33)  Oreign currency of payment (D46) | Unit of measure  (D34)  y payments  Local supplier making the payment | (D35)  Overseas beneficiary     | Overseas Supplier  (D36)  Calculation of foreign payment  Foreign currency value paid | currency value as per Commercial Invoice (D37)              | Tender Rate of Exchange (D38) | Local value of imports  (D39)  2) Total of for | Freight costs to port of entry  (D40) | All locally incurred landing costs & duties (D41)    | Total landed cost excl VAT  (D42)  al imported valu | Quantity imported  (D43)  d/or 3rd party  d/or 3rd party  d/or 3rd party | Summary  Total imported value  (D44)  R 0  Summary of payments  Local value of payments  (D51)  R 0  R 0  R 0  R 0  R 0  R 0  R 0  R |

Contractor

Witness 1

Witness 2

Employer

|      | EXAMPLE         |                                    |                       |               |                        |                             | SATS 1286.2011 |          |
|------|-----------------|------------------------------------|-----------------------|---------------|------------------------|-----------------------------|----------------|----------|
|      |                 |                                    |                       | Anne          | хE                     |                             |                |          |
|      |                 | l l <b>-</b>                       | antoni Barlar         | -1' C         |                        |                             |                |          |
|      |                 | Local C                            | ontent Declar         | ation - S     | upporting So           | chedule to Annex C          |                |          |
| (E1) | Tender No.      |                                    |                       |               |                        | Note: VAT to be excluded fr | om all         |          |
| (E2) | Tender descript | tion:                              |                       |               |                        | calculations                | J              |          |
| (E3) | Designated pro  |                                    |                       |               |                        |                             |                |          |
| (E4) | Tender Authori  | ty:                                |                       |               |                        |                             |                |          |
| (E5) | Tendering Entit | y name:                            |                       |               |                        |                             |                |          |
|      |                 | Local Products<br>(Goods, Services | Description           | n of items pu | ırchased               | Local suppliers             | Value          |          |
|      |                 | and Works)                         |                       | (E6)          |                        | (E7)                        | (E8)           |          |
|      |                 |                                    |                       |               |                        |                             |                |          |
|      |                 |                                    |                       |               |                        |                             |                |          |
|      |                 |                                    |                       |               |                        |                             |                |          |
|      |                 |                                    |                       |               |                        |                             |                |          |
|      |                 |                                    |                       |               |                        |                             |                |          |
|      |                 |                                    |                       |               |                        |                             |                |          |
|      |                 |                                    |                       |               |                        |                             |                |          |
|      |                 |                                    |                       |               |                        |                             |                |          |
|      |                 |                                    |                       | (E9) To       | tal local products (   | Goods, Services and Works)  | R 0            | ####     |
|      | (5.4.0)         |                                    | /-                    |               |                        |                             |                | <b>7</b> |
|      | (E10)           | Manpower costs                     | ( Tenderer's manpow   | er cost)      |                        |                             | R 0            | ####     |
|      | (E11)           | Factory overheads                  | (Rental, depreciation | & amortisat   | ion, utility costs, co | nsumables etc.)             | R 0            | ####     |
|      | ()              |                                    | (                     |               |                        |                             |                |          |
|      | (E12)           | Administration overh               | eads and mark-up      | (Marketing,   | insurance, financin    | g, interest etc.)           | R 0            | ####     |
|      |                 |                                    |                       |               |                        | (E13) Total local content   |                | ####     |
|      |                 |                                    |                       |               |                        | This total must correspond  | with Annex C - |          |
|      |                 |                                    |                       |               |                        | C24                         |                | <u> </u> |
|      | Signature of te | nderer from Annex B                |                       |               |                        |                             |                |          |
|      |                 |                                    |                       |               |                        |                             |                |          |
|      |                 |                                    |                       |               |                        |                             |                |          |
|      | Date:           |                                    |                       |               |                        |                             |                |          |
|      |                 |                                    |                       |               |                        |                             |                |          |

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2



# **SECTION 3: THE CONTRACT**

|     | DESCRIPTION  | BIDDER TO CONFIRM<br>THAT ALL PAGES<br>COMPLETED & SIGNED:<br>YES/NO | FOR OFFICE USE<br>ONLY VERIFIED BY<br>SCM OFFICIAL:<br>YES/NO |
|-----|--|--|---|
| 3.1 | STANDARD CONDITIONS OF BIDDING   |  |   |
| 3.2 | FORM OF OFFER AND ACCEPTANCE   |  |   |
| 3.3 | SCHEDULE OF DEVIATIONS   |  |   |
| 3.4 | MBD 7.1: CONTRACT FORM – GOODS/WORKS:  |  |   |
|     | PART A: TO BE COMPLETED BY THE BIDDER  |  |   |
|     | PART B: TO BE COMPLETED BY EKURHULENI WATER COMPANY  |  |   |
| 3.5 | OCCUPATIONAL HEALTH AND SAFETY<br>AGREEMENT IN TERMS OF THE OCCUPATIONAL<br>HEALTH AND SAFETY ACT, 1993 (ACT NO 85 OF<br>1993) |  |   |
| 3.6 | PERFORMANCE MANAGEMENT SYSTEM: DRAFT PMS   |  |   |
| 3.7 | INDEMNITY FORM   |  |   |
| 3.8 | SPECIAL CONDITIONS OF CONTRACT   |  |   |
| 3.9 | GENERAL CONDITIONS OF CONTRACT   |  |   |

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

## 3.1 STANDARD CONDITIONS OF BIDDING

The Standard Conditions of Tender make several references to the Tender Data for details that apply specifically to this tender. The Tender Data shall have precedence in the interpretation of any ambiguity or inconsistency between it and the Standard Conditions of Tender.

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

| Part No. | Content  |
|----------|--|
| 1.2.1    | The Employer:  |
|          | EKURHULENI WATER Care Company (ERWAT) Hartebeestfontein Office Park R25 (Bapsfontein/Bronkhorstspruit Road) Kempton Park   |
|          | Hereby represented by: Mr S Bunge / Mr B Hilder (technical person responsible for this bid) and all technical related queries can be directed to them at: Tel: 011 929 7091  |
|          | E-mail: <u>siviwe.bunge@erwat.co.za</u> / billy.hilder@erwat.co.za   |
| 1.2.2    | Bid pricing:   |
|          | The tendered price must provide for items required, supply, delivery, installation, commissioning, direct and indirect costs applicable to the execution of the required works/goods/services as per the specifications and provided for in the pricing scheduled/Bill of Quantities.  |
|          | Bidders are required to check their calculations for arithmetical errors as the total Tender price, as submitted, will remain fixed.   |
|          | The Value Added Tax (Act 89 of 1991) as amended, is applicable.  |
|          | All prices quoted are to <u>INCLUDE</u> Value Added Tax (VAT), unless specifically stated to the contrary and all prices must be quoted in ZAR, i.e. the currency of the Republic of South Africa.   |
|          | Where the whole or a portion of the tendered price may be affected by rates of currencies or variations in the rate of exchange, the bidder shall, in terms of the tender requirements, state in his tender the amount in foreign currency to be paid or remitted abroad and the exchange rate applied in the conversion of this amount into South African currency in calculating the tender price. |

|            |           |           |          |           | 1 |           |
|------------|-----------|-----------|----------|-----------|---|-----------|
|            |           |           |          |           |   |           |
|            |           |           |          |           |   |           |
| Contractor | Witness 1 | Witness 2 | Employer | Witness 1 | • | Witness 2 |

#### 1.2.3 **Payment Terms:**

Payments will be effected within 30 days from receipt of a valid Invoice/Tax Invoice and Statement.

All invoices/tax invoices and statements must comply with the **VAT Act No 89 of 1991** before payment can be effected.

### 1.2.4 <u>Briefing/clarification/Site inspections/meetings</u>:

Before tendering, bidders should visit the site and acquaint themselves with all the local conditions, the accessibility of the site, the full extent and nature of the operations, the supply of and conditions affecting labour, carriage, carting, unloading, storage and safe custody of materials, workshop accommodation, the scaffolding, tackle and tools necessary for the execution of the contract generally.

Bidders are required to thoroughly acquaint themselves with the nature and extent of the work to be done, and to make allowance for items obviously intended and necessary for the proper completion of the work although not specifically specified. Claims due to lack of knowledge will not be entertained.

All uncertainties shall be cleared out with the end user department before the tender closing date.

No individual should represent more than one bidder at the compulsory briefing session.

At least one member of the JV must be present at the compulsory clarification meeting.

Kindly note that the company representative that attends this session will be accepted as a person with the relevant technical expertise applicable to this bid.

Non-completion in full of the fields required on the attendance register may lead to automatic disqualification.

<u>Please note</u>: Where a <u>clarification meeting is compulsory</u>, no bids will be accepted if the contractor has not attended this session and documents will only be accepted from contractors whose names appear on the attendance register.

## 1.2.5 **Alterations to documents**:

No alterations, erasure or addition is to be made in the text of the Document or pricing schedule/BOQ, except to comply with instructions issued by the employer. All signatories to the Tender offer shall sign next to any alterations in such case.

Any alteration, erasure or addition made will not be recognised and the original wording of the Document will prevail.

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

Copies are not allowed, only original documents will be accepted. Bidders shall clarify any doubt about the meaning of any wording in the pricing schedule/bill of quantities before the Tender closing date. The use of correction fluid/tape is strictly prohibited and will render your bid invalid. 1.2.6 Technical Specification and standard of work/goods/services: The Standard Technical Specifications cover the general technical requirements w.r.t. works/goods/services. These specifications shall be read in conjunction with the rest of this contract in its entirety. All works/goods/services provided under this contract shall be new and unused, and the best of their respective kinds and shall comply with the requirements laid down in the latest editions of the relevant SANS, ISO, BS or other relevant regulatory authorities and standards and their amendments and with the requirements of this specification. 1.2.7 **Factory Inspections and Tests:** The Bidder shall advise the End user department in writing of any routine, type or specific tests or commissioning to be carried out on equipment during the course of manufacture in the manufacturer's factory or works or of any stage of completion in the manufacturing process which requires inspections in terms of the Contract and Specifications. The contractor will issue the required COC where applicable. The successful bidder will be required to dispatch goods from the factory at his own risk if the tests have not been witnessed and inspections not been carried out by and approval given by ERWAT for dispatch. ERWAT will only accept risk and responsibility of the works/goods/services on final completion/handover in accordance with the approved guarantee/warranty stipulation and includes insurance. 1.2.8 **Existing Works and Service:** The bidder is responsible for obtaining information regarding services and existing works, which may be affected by this bid. Before the Bidder commences with delivery of works/goods/services, they shall discuss with and have the approval of the end user department. The Bidder shall be held responsible for any damage, injury or accident caused as a result of his failure to take the necessary precautionary measures. Should the Bidder in any event be responsible for the interruption of services without approval, the contractor shall be held responsible for any claims that may arise in this regard.

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

#### 1.2.9 **Quality Assurance:**

The workmanship shall be of the highest grade and to the satisfaction of the end user department.

It will be the full responsibility of the Bidder to undertake appropriate quality control and quality assurance measures during implementation/manufacturing of works/goods/services as well as on site. A quality control procedure shall be forwarded with the program to the end user department (applicable to technical works).

Bidders are required to guarantee their products/works for not less than 1 year (12 months) on new goods and services

Unless specified otherwise in the SCC the warranty/guarantee shall remain valid for a period of not less than 1 (one) year after the works/goods/services, or portion thereof as the case may be, have been delivered to and accepted at the final destination indicated in the contract; or for eighteen (18) months after the date of shipment from the port of place of loading in the source country whichever period concludes earlier.

No guarantee or warranty less than 6 months on refurbished goods will be considered.

Bidders are required to indicate the relevant guarantee and or warrantee period offered on their products.

Bidders must however submit the guarantees upon request from ERWAT to the end user department at any given time.

## 1.2 **Acknowledge Addenda:**

.10

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

All the Contractor's designs are in any event still subject to approval by the Engineer.

#### 1.2.11 Submitting a Tender offer:

No late, faxed, emailed or other form of Tender will be accepted.

Completed Tender documents with attached documents, if any, must be submitted in Black ink in sealed envelope and clearly marked with the bid number and full description.

#### 1.2.12 **Proof for confirmation:**

It may be required from a contractor, before acceptance of this tender, to furnish proof to the satisfaction of the owner that the bidder is in a position to secure all the required resources complete this contract within the time provided for in the specification or the time indicated by the bidder.

The bidder shall, when requested by the Employer to do so, submit the names of all management and supervisory staff that will be employed to supervise the Labour Intensive

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

|            | portion of the works together with satisfactory evidence that such staff members satisfy the eligibility requirements.  |
|------------|---|
| 1.2.13     | Seek clarification:   |
|            | Questions or queries must be submitted to the Employer at least four days after the briefing session conducted.   |
|            | However, ERWAT shall not be liable nor assume liability for failure of the bidder to receive response to any questions and / or queries raised by the bidder by the closing time.   |
| 1.2.14     | Tender offer validity:  |
|            | Unless otherwise specified in the invitation to bid, this bid shall remain open for acceptance for a period OF ONE <u>HUNDRED AND TWENTY (120) CONSECUTIVE DAYS</u> from the date on which bids are due and during this period the Bidder shall agree not to withdraw his/her bid or impair or derogate from its effect;                |
|            | The written approval of this bid by ERWAT, by way of letter of acceptance, shall constitute a contract binding on both parties.   |
|            | Notwithstanding anything to the contrary in this agreement, the contract shall come into existence with effect from the signature date signed by both parties.  |
| 1.2.15     | Opening of Tender documents:  |
|            | Bids are opened in public on closing date and time at ERWAT Head Office, Hartebeestfontein Office Park, R25 (Bapsfontein / Bronkhorstspruit), Kempton Park.   |
| 1.2.16     | Patents:  |
|            | The Bidder shall pay all royalties and expenses and be liable for all claims in respect of the use of patent rights, trademarks or other protected rights and hereby indemnifies ERWAT against any claims arising there-from.   |
|            | All intellectual property rights including, without limitation, copyright, database rights, design and registered design rights, patents and trademark rights, in the deliverables shall be owned by ERWAT.   |
|            | The contractor, bidder or service provider shall execute any documents to ensure vesting of such rights in the Entity (ERWAT). No trademark, patent, design or other registration shall be made in the name of the contractor, bidder or service provider, its employees, directors and agents, in relation to any of the deliverables. |
| 1.2.17     | Registration with relevant regulatory authority:  |
|            | Bidders who are compelled to register with controlling authorities regarding their goods/services to be delivered/rendered, should ensure that their relevant registrations are in order prior to the closure of the bids.  |
|            | ERWAT may at any given time request bidders to submit proof thereof.  |
|            |   |
| Contractor | Witness 1 Witness 2 Employer Witness 1 Witness 2  |

# Penalties: 1.2.18 Should the bidder fail to deliver any or all the goods or perform the services within the period specified in the contract or as concluded in the Service Level Agreement, ERWAT may, without prejudice to its other remedies under the contract, deduct from the contract price, as a penalty, a sum calculated on the delivered price of the delayed goods or unperformed services using the current prime interest rate calculated for each day until actual delivery of performance or as stipulated in Schedule 2. ERWAT may consider termination of the contract at it sees fit in terms of the General Conditions of Contract. Increase/decrease in scope of work 1.2.19 The Employer reserves the right to award the bid in part, split the bid or award in total. The Bidder will have no claim in this respect. Funds allocated to complete the works may be limited. The Employer thus reserves the right to reduce or add to the scope of work to suit the available budget, in which case the contractor will have no claim in this respect. Inspection of plant, equipment and premises 1.2.20 ERWAT may at any stage during the production or execution, or on completion, be subject to inspect the premises of the bidder or contractor at all reasonable hours for inspection of the bidders plant, equipment and premises prior to the bid being awarded. These inspections shall be carried out as follows: The HOD, designated supervisor or Technical Evaluation Committee will visit the premises upon a formal appointment to inspect all plant and equipment and other items deemed necessary prior to the issue of the bid to the bid adjudication committee. **Domicile & South African Jurisdiction** 1.2.21 The laws of the Republic of South Africa shall be applicable to each Contract created by the acceptance of a Bid, and each Bidder shall indicate a place in the Republic and specify it in his Bid as his domicilium citandi et execuntandi where any legal process may be served on him. Each Bidder shall bind himself to accept the jurisdiction of the Courts of Law of the Republic of South Africa. The parties choose as their respective domicilia citandi et executandi the Following addresses: **ERWAT** ERWAT Head Office, Hartebeestfontein Office Park, R25 (Bapsfontein / Bronkhorstspruit), Kempton Park.

| Contractor | Witness 1 | Witness 2 | ļ | Employer | j | Witness 1 | j | Witness 2 |
|------------|-----------|-----------|---|----------|---|-----------|---|-----------|

|            | The Contractor (physical address):   |  |  |  |  |
|------------|--|--|--|--|--|
|            |  |  |  |  |  |
|            | Change of these addresses will only be valid if the other party has been notified in writing.  |  |  |  |  |
|            | All notices between the parties concerned must be in writing.  |  |  |  |  |
|            | If a notice or document is delivered by hand, written proof of delivery must be obtained. If a document is delivered by official of ERWAT, a statement to that effect will be sufficient.  |  |  |  |  |
|            | If not delivered by hand, notices and documents will be sent by registered post.   |  |  |  |  |
| 1.2.30     | Bid Award  |  |  |  |  |
|            | Please note that even though a bid may be awarded and a successful bidder be approved to supply, deliver or render the applicable services to ERWAT, it is not a guarantee that orders will be placed on a regular basis and may only be required on an as and when required basis and will be valid on receipt of an official ERWAT order only.   |  |  |  |  |
| 1.2.31     | Non-Awards   |  |  |  |  |
|            | Kindly note that bidders, who have submitted a tender, may visit the ERWAT website: <a href="https://www.ERWAT.co.za">www.ERWAT.co.za</a> to view the outcome of the relevant bid.   |  |  |  |  |
|            | In the event that no correspondence or communication is received from ERWAT within 120 consecutive days after the stipulated closing date and time of the Tender, the tender will be deemed to be unsuccessful.  |  |  |  |  |
|            | The unsuccessful bidder may on written request (in terms of the Access to Information Act) be given reason why their bid was unsuccessful.   |  |  |  |  |
| 1.2.32     | Objections and complaints  |  |  |  |  |
|            | Persons my lodge a written objection or complaint to the Accounting Officer, where aggrieved by decisions or actions taken by the municipal entity in the implementation of its supply chain management system, within 14 (fourteen) days of the decision or action taken in terms of Regulation 49 of the Municipal Finance Management Act, Act 56 of 2003 – Supply Chain Management Regulations published under GenN 868 in GG 27636 of 30 May 2005 effective 1 July 2005. |  |  |  |  |
| 1.2.33     | EPWP requirements for labour intensive projects  |  |  |  |  |
|            | ERWAT supports labour intensive projects and other services relating to where physical labour is required.   |  |  |  |  |
|            | All service providers will be required to maximize the use of local unemployed labour on projects or when supplying or delivering services to ERWAT where applicable.  All relevant questionnaires and reports are to be completed in full and submitted as part of this bid document.   |  |  |  |  |
|            |  |  |  |  |  |
| Contractor | Witness 1 Witness 2 Employer Witness 1 Witness 2   |  |  |  |  |

## 3.2 FORM OF OFFER AND ACCEPTANCE

#### **BIDDERS OFFER:**

Please note that this is rates-based tender. The contract is limited to Purchase orders issued within the available budget allocated for such on an as and when required basis.

The Employer, identified in the Acceptance signature block, has solicited offers to enter into a contract in respect of the following works: **BID ERW202203/TNDR-003**:

The Bidder, identified in the Offer signature block below, has examined the documents listed in the Bid Document Data and addenda thereto as listed in the Bid Document Schedules, and by submitting this Offer has accepted the Conditions of Bid Document.

By the representative of the Bidder, deemed to be duly authorised, signing this part of this Form of Offer and Acceptance, the Bidder offers to perform all of the obligations and liabilities of the Contractor under the Contract including compliance with all its terms and conditions according to their true intent and meaning for an amount to be determined in accordance with the Conditions of Contract identified in the Contract Data.

THE OFFERED RATES FOR THE GOODS, AS SET OUT IN THE PRICING SCHEDULE/BILL OF QUANTITIES (THE PRICES INCLUSIVE OF VALUE ADDED TAX), IS HEREBY CONFIRMED FOR THE PERIOD OF THE CONTRACT PERIOD INCLUDING THE PROVISIONS FOR THE ANNUAL ESCALATIONS (WHERE APPLICABLE)

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 Bidder before the end of the period of validity stated in the Bid Document Data, whereupon the Bidder becomes the party named as the Contractor in the Conditions of Contract identified in the Contract Data.

| Signature(s)          |                           |                    | _         |
|-----------------------|---------------------------|--------------------|-----------|
| Name(s)               |                           |                    | _         |
| Capacity              |                           |                    | _         |
| For the Bidder        | (Name and address of orga | anisation)         |           |
| Name & Signature of \ | Witness: Name             | Date               |           |
| <u>ACCEPTANCE</u>     |                           |                    |           |
| Contractor            | Witness 1 Witness 2       | Employer Witness 1 | Witness 2 |

By signing this part of this Form of Offer and Acceptance, the Employer identified below accepts the Bidder's Offer. In consideration thereof, the Employer shall pay the Contractor the amount due in accordance with the Conditions of Contract identified in the Contract Data. Acceptance of the Bidder's Offer shall form an agreement between the Employer and the Bidder upon the terms and conditions contained in this Agreement and in the Contract that is the subject of this Agreement.

And drawings and documents or parts thereof, which may be incorporated by reference into Parts 1 to 4 above. Deviations from and amendments to the documents listed in the Bid Document Data and any addenda thereto listed in the Bid Document Schedules as well as any changes to the terms of the Offer agreed by the Bidder 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, which must be duly signed by the authorised representative(s) of both parties.

The Bidder shall within 7 days after receiving a completed copy of this Agreement, including the Schedule of Deviations (if any), contact the Employer's agent (whose details are given in the Contract Data) to arrange the delivery of any bonds, guarantees, proof of insurance and any other documentation to be provided in terms of the Conditions of Contract identified in the Contract Data at or just after the date this Agreement comes into effect. 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 Bidder receives one fully completed signed copy of this SLA, including the Schedule of Deviations (if any). Unless the Bidder (now Contractor) within five days of the date of such receipt notifies the Employer in writing of any reason why he cannot accept the contents of this Agreement, this Agreement shall constitute a binding contract between the parties.

Signature(s)

| 9(-)                |           |                  | <del></del>   |           | <del></del> |
|---------------------|-----------|------------------|---------------|-----------|-------------|
| Name(s)             |           |                  |               |           |             |
| Capacity            |           |                  |               |           |             |
| For the Bidder      | (Nam      | e and address of | organisation) |           |             |
| Name & Signature of | Witness:  | Name             |               | Date      |             |
|                     |           |                  |               |           |             |
|                     |           |                  |               |           |             |
| Contractor          | Witness 1 | Witness 2        | Employer      | Witness 1 | Witness 2   |

## 3.3 SCHEDULE OF DEVIATIONS

#### Notes:

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

| 1                                  | Subject:   |   |  |  |  |  |   |                                      |
|------------------------------------|--|---|--|--|--|--|---|--------------------------------------|
|                                    | Details:   |   |  |  |  |  |   |                                      |
| 2                                  | Subject:   |   |  |  |  |  |   |                                      |
|                                    | Details:   |   |  |  |  |  |   |                                      |
| 3                                  | Subject:   |   |  |  |  |  |   |                                      |
|                                    | Details:   |   |  |  |  |  |   |                                      |
| 4                                  | Subject:   |   |  |  |  |  |   |                                      |
|                                    | Details:   |   |  |  |  |  |   |                                      |
| 5                                  | Subject:   |   |  |  |  |  |   |                                      |
|                                    | Details:   |   |  |  |  |  |   |                                      |
| 6                                  | Subject:   |   |  |  |  |  |   |                                      |
|                                    | Details:   |   |  |  |  |  |   |                                      |
| 7                                  | Subject:   |   |  |  |  |  |   |                                      |
|                                    | Details:   |   |  |  |  |  |   |                                      |
| agree<br>the do<br>Sched<br>and th | e duly authorised<br>to and accept the<br>ocuments listed<br>ules, as well as<br>e Employer duri<br>pressly agreed t | he foregoing<br>in the Bid<br>any confirm<br>ng this proc | g Schedule of<br>Document I<br>ation, clarificatess of Offer a | f Deviations<br>Data and a<br>ation or char<br>and Accepta | as the only<br>ddenda the<br>nge to the te<br>nce. | deviations from the deviations from the deviation of the Offerna of the Offerna deviations from the Offerna deviations from the Offerna deviations from the deviation from the dev | om and ame<br>d in the Bid<br>fer agreed by | ndments to<br>Document<br>the Bidder |
|                                    |  |   |  |  |  |  |   |                                      |

Page 125 of 146

between the issue of the Bid Document documents and the receipt by the Bidder of a completed signed copy of this Agreement shall have any meaning or effect in the contract between the parties arising from this Agreement.

| FOR THE BIDDER:                     |                              |
|-------------------------------------|------------------------------|
| Signatures (s)                      | <del></del>                  |
| Name(s)                             |                              |
| Capacity                            |                              |
| (Name and address of Opposite time) |                              |
| (Name and address of Organisation)  |                              |
| Witness:                            | - Ciarratura                 |
| Name                                | Signature                    |
| Date:                               |                              |
| FOR THE EMPLOYER                    |                              |
| Signatures (s)                      |                              |
| Name(s)                             |                              |
| Capacity                            |                              |
| (A)                                 |                              |
| (Name and address of Organisation)  |                              |
| Witness:                            |                              |
| Name                                | Signature                    |
| Date:                               |                              |
|                                     |                              |
|                                     |                              |
|                                     |                              |
|                                     |                              |
|                                     |                              |
| 3.4 CONTRACT FORM: PU               | RCHASE OF GOODS/WORKS        |
|                                     |                              |
|                                     |                              |
| Contractor Witness 1 Witness 2      | Employer Witness 1 Witness 2 |

1.

**MBD7.1** 

THIS FORM MUST BE FILLED IN DUPLICATE BY BOTH THE SUCCESSFUL BIDDER (PART 1) AND THE PURCHASER (PART 2). BOTH FORMS MUST BE SIGNED IN THE ORIGINAL SO THAT THE SUCCESSFUL BIDDER AND THE PURCHASER WOULD BE IN POSSESSION OF ORIGINALLY SIGNED CONTRACTS FOR THEIR RESPECTIVE RECORDS.

#### PART A (TO BE FILLED IN BY THE BIDDER)

I hereby undertake to supply all or any of the goods and/or works described in the attached bidding

|    | documents to (name of institution)  |  |  |  |  |  |  |
|----|---|--|--|--|--|--|--|
|    | in accordance with the requirements and specifications stipulated in bid number <b>BID ERW202203/TNDR-003</b> : at the price/s quoted. My offer/s remain binding upon me and open for acceptance by the purchaser during the validity period indicated and calculated from the closing time of bid.   |  |  |  |  |  |  |
| 2. | The following documents shall be deemed to form and be read and construed as part of this agreement:  |  |  |  |  |  |  |
|    | <ul> <li>(i) Bidding documents, viz <ul> <li>Invitation to bid;</li> <li>Pricing schedule(s);</li> <li>Technical Specification(s);</li> <li>Preference claims for Broad Based Black Economic Empowerment Status Level of Contribution in terms of the Preferential Procurement Regulations 2017;</li> <li>Declaration of interest;</li> <li>Declaration of bidder's past SCM practices;</li> <li>Certificate of Independent Bid Determination;</li> <li>Special Conditions of Contract;</li> </ul> </li> <li>(ii) General Conditions of Contract</li> </ul> |  |  |  |  |  |  |
| 3. | I confirm that I have satisfied myself as to the correctness and validity of my bid; that the price(s) and rate(s) quoted cover all the goods and/or works specified in the bidding documents; that the price(s) and rate(s) cover all my obligations and I accept that any mistakes regarding price(s) and rate(s) and calculations will be at my own risk.  |  |  |  |  |  |  |
| 4. | It is noted that this is rates based tender. The contract is limited to Purchase orders issued within the available budget allocated for such on an as and when required basis.   |  |  |  |  |  |  |
| 5. | I accept full responsibility for the proper execution and fulfilment of all obligations and conditions devolving on me under this agreement as the principal liable for the due fulfilment of this contract.  |  |  |  |  |  |  |
| 6. | I declare that I have no participation in any collusive practices with any bidder or any other person regarding this or any other bid.  |  |  |  |  |  |  |
| 7. | I confirm that I am duly authorised to sign this contract.  |  |  |  |  |  |  |
|    | NAME (PRINT) WITNESSES  |  |  |  |  |  |  |
|    | CAPACITY 1  |  |  |  |  |  |  |
|    | SIGNATURE 2   |  |  |  |  |  |  |
|    | NAME OF FIRM DATE:  |  |  |  |  |  |  |
|    | DATE MBD7.1   |  |  |  |  |  |  |
|    | Contractor Witness 1 Witness 2 Employer Witness 1 Witness 2   |  |  |  |  |  |  |

# **CONTRACT FORM: PURCHASE OF GOODS/WORKS** PART B (TO BE FILLED IN BY THE ERWAT REPRESENTATIVE)

| 1.         | I _   |   |              |                    |   | in my capacity as  |
|------------|-------|---|--------------|--------------------|---|--|
|            |       |   |              |                    | _ accept your bid und                     | er reference number:   |
|            |       | ID ERW202203/TNDR-003:<br>ereunder and/or further speci                                 |              |                    | for the supply o                          | of goods/works indicated   |
| 2.         | Ar    | n official order indicating deli  | very instruc | ctions is forthco  | oming.                                    |  |
| 3.         |       | undertake to make payment fo<br>the contract, within 30 (thirty                         |              |                    |   |  |
| ITEI<br>NO |       | PRICE (ALL APPLICABLE TAXES INCLUDED)   | BRAND        | DELIVERY<br>PERIOD | B-BBEE STATUS<br>LEVEL OF<br>CONTRIBUTION | MINIMUM THRESHOLD FOR LOCAL PRODUCTION AND CONTENT (if applicable) |
|            |       | Kindly refer to the pricing schedule*   |              |                    |   | ,  |
|            | iva   | oted that this is rates base ilable budget allocated for confirm that I am duly authori | such on a    | n as and whe       |   | se orders issued within  |
|            | N     | AME (PRINT)   |              | WI                 | TNESSES                                   |  |
|            | C     | APACITY   |              | - 1.               |   |  |
|            |       |   |              | 2.                 |   |  |
|            | SI    | GNATURE   |              | -                  | <br>.TE:                                  |  |
|            | N     | AME OF FIRM   |              | -                  | · · · · · · · · · · · · · · · · · · ·     |  |
|            | D     | ATE   |              |                    |   |  |
|            |       |   |              |                    |   |  |
|            |       |   |              |                    |   |  |
|            |       |   |              |                    |   |  |
|            |       |   |              |                    |   |  |
|            |       |   |              |                    |   |  |
| 3.5        |       | CCUPATIONAL HEA   |              |                    |   |  |
|            |       |   |              |                    |   |  |
|            | Contr | vactor Witness 1  | Witness 2    | Employ             | ver Witness 1                             | Witness 2  |

| THIS                   | AGR   | EEMENT IS made at on the   |  |  |  |  |  |
|------------------------|---|--|--|--|--|--|--|
| day c                  | of  | in the year  |  |  |  |  |  |
| Betw                   | een E   | KURHULENI WATER CARE COMPANY (ERWAT) (hereinafter called "the Employer") of the  |  |  |  |  |  |
| one p                  | oart, h   | erein represented by   |  |  |  |  |  |
| In his                 | сара  | city as  |  |  |  |  |  |
|                        | and delegate of the Employer in terms of the Employer's standard powers of delegation pursuant to the provisions of Act No 7 of 1998, and |  |  |  |  |  |  |
| (here                  | inafte  | r called "the Mandatory") of the other part, herein represented by:  |  |  |  |  |  |
| in his                 | сара  | city as  |  |  |  |  |  |
| and b                  | eing (  | duly authorized by virtue of a resolution appended hereto as Annexure A;   |  |  |  |  |  |
| acce<br>and v<br>to be | pted a<br>where<br>follov   | S the Employer requires certain works be constructed, viz DESCRIPTION: and has a Bid by the Mandatory for the construction, completion and maintenance of such Works as the Employer and the Mandatory have agreed to certain arrangements and procedures wed in order to ensure compliance by the Mandatory with the provisions of the hall Health and Safety Act, 1993 (Act 85 of 1993). |  |  |  |  |  |
| NOW                    | / THE   | REFORE THIS AGREEMENT WITNESSETH AS FOLLOWS:   |  |  |  |  |  |
| 1.                     |   | Mandatory shall execute the work in accordance with the Contract Documents pertaining to Contract.   |  |  |  |  |  |
| 2.                     |   | Agreement shall hold good from its Commencement Date, which shall be the date of a written e from the Employer or engineer requiring him to commence the execution of the Works, to r -  |  |  |  |  |  |
|                        | (a)   | the date of the Final Approval Certificate issued in terms of Clause 5.16 of the General Conditions of Contract 2010 (hereinafter referred to as "the GCC"), as contained in the Contract Documents pertaining to this Contract, or  |  |  |  |  |  |
| (c)                    | The d   | late of termination of the Contract in terms of Clauses 9.1, 9.2, 9.3 of the GCC.  |  |  |  |  |  |
| 3.                     | . The Mandatory declares himself to be conversant with the following:   |  |  |  |  |  |  |
|                        | (a)   | All the requirements, regulations and standards of the Occupational Health and Safety Act (Act 85 of 1993), hereinafter referred to as "The Act", together with its amendments and with special reference to the following Sections of The Act:  |  |  |  |  |  |
|                        |   | (i) Section 8: General duties of Employers to their employees  |  |  |  |  |  |
|                        |   |  |  |  |  |  |  |

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

- (ii) Section 9: General duties of Employers and self-employed persons to persons other than employees
- (iii) Section 37: Acts or omissions by employees or mandatories
- (iv) Sub-section 37(2) relating to the purpose and meaning of this Agreement
- (b) The procedures and safety rules of the Employer as pertaining to the Mandatory and to all his subcontractors.
- 4. In addition to the requirements of Clause 8.4 of the GCC (as amended by Special Condition of Contract) and all relevant requirements of the above-mentioned Volume, the Mandatory agrees to execute all the Works forming part of this Contract and to operate and utilize all machinery, Plant and equipment in accordance with the Act.
- 5. The Mandatory is responsible for the compliance with the Act; the safety procedures and rules of the employer by all his subcontractors, whether or not selected and/or approved by the Employer.
- 6. The Mandatory warrants that all his and his subcontractors' workmen are covered in terms of the Compensation for Occupational Injuries and Diseases Act, 1993 (Act No 130 of 1993), which cover, shall remain in force whilst any such workmen are present on site. A letter of good standing from the Compensation Commissioner to this effect must be produced to the Employer upon signature of the agreement.
- 7. The Mandatory undertakes to ensure that he and/or subcontractors and/or their respective employers will at all times comply with the following conditions:
  - a) The Mandatory shall assume the responsibility in terms of Section 16.1 of the Act. The Mandatory shall not delegate any duty in terms of Section 16.2 of this Act without the prior written approval of the Employer. If the Mandatory obtains such approval and delegates any duty in terms of section 16.2 a copy of such written delegation shall immediately be forwarded to the Employer.
  - b) All incidents referred to in the Act shall be reported by the Mandatory to the Department of Labour as well as to the Employer. The Employer will further be provided with copies of all written documentation relating to any incident.
  - c) The Employer hereby obtains an interest in the issue of any formal enquiry conducted in terms of section 32 of the Act into any incident involving the Mandatory and/or his employees and/or his subcontractors.

Employer

Witness 1

Witness 2

In witness hereof the parties are to set their signatures hereon in the presence of the subscribing witnesses:

SIGNED FOR AND ON BEHALF OF THE EMPLOYER:

Witness 1 Witness 2 \_\_\_\_\_\_

Witness 2

Contractor

Witness 1

| (Name)<br>(Print)   | (Name)<br>(Print)  |
|---|--|
| SIGNED FOR AND ON BEHA  | LF OF THE MANDATORY:   |
| Witness 1   | Witness 2  |
| (Name)<br>(Print)   | (Name)<br>(Print)  |
|   |  |
|   |  |
|   |  |
|   |  |
|   |  |
|   |  |
|   |  |
|   | RFORMANCE MANAGEMENT SYSTEM  ment Act (No. 56 of 2003) Section 116 (2) (d) determines that a Municipality  |
| must enter into a Performance I<br>A PMS will be concluded with | flanagement System (PMS) with all service providers.  the appointed bidder and the costing for this project will run during the 4/2025 financial budget years. |
|   |  |
|   | Witness 2 Employer Witness 1 Witness 2   |

## **ACCEPTANCE OF PMS AGREEMENT**

You are hereby requested to sign this document as acceptance of the agreement.

**CONTRACTOR** 

| Signature   | :                        |            |           |           |
|-------------|--------------------------|------------|-----------|-----------|
| Name        | :                        |            |           |           |
| Designation | :                        |            |           |           |
| Date        | :                        |            |           |           |
|             |                          |            |           |           |
| EKURHULEN   | NI WATER COMPANY         |            |           |           |
| Signature   | :                        |            |           |           |
| Name        | : MR. K CHIHOTA          |            |           |           |
| Designation | : ACTING MANAGING DIRECT | <u>ror</u> |           |           |
| Date        | :                        |            |           |           |
|             |                          |            |           |           |
|             |                          |            |           |           |
|             |                          |            |           |           |
|             |                          |            |           |           |
|             |                          |            |           |           |
|             |                          |            |           |           |
|             |                          |            |           |           |
|             |                          |            |           |           |
|             |                          |            |           |           |
|             |                          |            |           |           |
|             |                          |            |           |           |
|             |                          |            |           |           |
| Contractor  | Witness 1 Witness 2      | Employer   | Witness 1 | Witness 2 |

## 3.7 ERWAT INDEMNITY

- 1. The Contractor hereby agrees to indemnify, hold harmless and defend ERWAT and their officers, employees, agents and representatives, from and against the following liabilities arising as a result of the execution of the work:
- 1.1 Any liability with regard to claims by governmental authorities or others for non-compliance by Contractor of any Act of Parliament, law, ordinance, regulation or by-law made by a lawful authority provided that such compliance therewith was required for the execution of the Contract or at Law.
- 1.2 Any liability arising from actual or alleged public or private nuisance arising out of negligent acts or omissions to act of Contractor or its Subcontractors, or of their employees.
- 1.3 Any liability arising from loss or damage to Contractor and/or Subcontractor's equipment and their other property on site.
- 1.4 Any liability arising from claims with regard to the death of/or injury or sickness or disease to Contractor' employees or the death of/or injury or sickness or disease to third parties.
- 1.5 Any liability arising from any loss of/or damage to property belonging to a third party.

1.8

- 1.6 Any liability arising from actual or asserted infringement or improper appropriation or use of patents, copyrights, proprietary information or know- how in respect of the work designed by/or under the responsibility of the Contractor.
- 1.7 Any liability arising from the death or injury or loss or damage to property of third parties or ERWAT's property as a result of the negligent acts or omissions of contractors or its subcontractor's employees.
- nature arising out of contravention of environmental legislation.

Contractor shall indemnify ERWAT against all claims, proceedings, damages and costs of whatsoever

|            |           |           |          | 1 |           | 1 |           |
|------------|-----------|-----------|----------|---|-----------|---|-----------|
|            |           |           |          |   |           |   |           |
|            |           |           |          |   |           |   |           |
|            |           |           |          |   |           |   |           |
|            |           |           |          |   |           |   |           |
|            | 1454      | 1477      |          |   | 1477      |   | 1454      |
| Contractor | Witness 1 | Witness 2 | Employer |   | Witness 1 |   | Witness 2 |
|            |           |           |          |   |           |   |           |

## 3.8 SPECIAL CONDITIONS OF CONTRACT

#### 1. **ERWATS OBJECTIVES**:

The aim of this bid is to increase the service delivery level of the ERWAT to both its internal and external clients. This will be done by way of the following:

- Reduction in the number of quotation requests
- Improved turn-around times for obtaining purchase orders
- More focused approached to the Entity's core functions.

#### 2. CONTRACT PERIOD:

The contract is for a period of 3 years however, the award will be for a period of Thirty-Six (36) months with a probation period of Twelve (12) months, whereby if your performance is not to the satisfaction of ERWAT, the contract will automatically lapse after the Twelve (12) months' probation. The contract will thus continue after the 12<sup>th</sup> month performance evaluation if deemed to be to the satisfaction of ERWAT.

# 3. <u>CONTRAT PRICE ADJUSTMENTS FOR LONG TERM CONTRACTS RUNNING OVER A ONE YEAR PERIOD (TERM CONTRACTS):</u>

Bidders annual increase will be done in terms of the %/price indicated in the pricing schedule.

In the event that no provision has been made in the pricing schedule, the following process will apply:

The successful bidder(s) pricing will be adjusted annually on written request and must reach the SCM office one (1) month prior to the anniversary of the bid.

Price adjustments will be effective on date of anniversary of this bid. The Entity will not accept any requests for price adjustments other than the adjustments stated above.

Annual price adjustment is calculated on the average Reserve Bank CPI figures for the year at time of anniversary of this bid.

**CONSUMER PRICE INDEX** 

PERIOD ONE (01)

BID PRICE(S) MUST BE FIXED FOR THE FIRST 12 MONTHS AFTER THE BASE MONTH WITH BASE MONTH
BEING ONE MONTH PRIOR TO CLOSING OF BID

PERIOD TWO (02)

• BID PRICE(S) IS/ARE SUBJECT TO ESCALATION OF CPI FOR THE FOLLOWING 12 MONTHS WITH THE BASE MONTH BEING THE 12th MONTH OF PERIOD ONE (01)

PERIOD THREE (03)

• BID PRICE(S) IS/ARE SUBJECT TO ESCALATION OF CPI FOR THE REMAINING PERIOD WITH THE BASE MONTH BEING THE 12th MONTH OF PERIOD TWO (02)

| Contractor | <u>.</u> I | Witness 1 | Witness 2 | Employer | Witness 1 | <br>Witness 2 |  |
|------------|------------|-----------|-----------|----------|-----------|---------------|--|

## 3.9 GENERAL CONDITIONS OF CONTRACT

### THE NATIONAL TREASURY

**Republic of South Africa** 



### **GOVERNMENT PROCUREMENT:**

**GENERAL CONDITIONS OF CONTRACT** 

July 2010

|            |           |   |           |          | ] |           |           | 1 |
|------------|-----------|---|-----------|----------|---|-----------|-----------|---|
|            |           |   |           |          |   |           |           |   |
|            |           | ] |           |          | ļ |           |           |   |
| Contractor | Witness 1 |   | Witness 2 | Employer |   | Witness 1 | Witness 2 |   |

## **TABLE OF CLAUSES**

| 1.  | Definitions  |
|-----|--|
| 2.  | Application  |
| 3.  | General  |
| 4.  | Standards  |
| 5.  | Use of contract documents and information inspection |
| 6.  | Patent Rights  |
| 7.  | Performance security                                 |
| 8.  | Inspections, tests and analyses                      |
| 9.  | Packing  |
| 10. | Delivery and documents                               |
| 11. | Insurance  |
| 12. | Transportation                                       |
| 13. | Incidental Services                                  |
| 14. | Spare parts  |
| 15. | Warranty   |
| 16. | Payment  |
| 17. | Prices   |
| 18. | Variation orders                                     |
| 19. | Assignment   |
| 20. | Subcontracts   |
| 21. | Delays in the supplier's performance                 |
| 22. | Penalties  |
| 23. | Termination for default                              |
| 24. | Anti-dumping and countervailing duties and rights    |
| 25. | Force Majeure  |
| 26. | Termination for insolvency                           |
| 27. | Settlement of Disputes                               |
| 28. | Limitation of Liability                              |
| 29. | Governing language                                   |
| 30. | Applicable law                                       |
| 31. | Notices  |
| 32. | Taxes and duties                                     |
| 33. | Transfer of contracts                                |

Amendments of contracts

Prohibition of restrictive practices

34.

35.

#### **GENERAL CONDITIONS OF CONTRACT**

#### 1. **Definitions**

The following terms shall be interpreted as indicated:

- 1.1 "Closing time" means the date and hour specified in the bidding documents for the receipt of bids.
- 1.2 "Contract" means the written agreement entered into between the purchaser and the supplier, as recorded in the contract form signed by the parties, including all attachments and appendices thereto and all documents incorporated by reference therein.
- 1.3 "Contract price" means the price payable to the supplier under the contract for the full and proper performance of his contractual obligations.
- 1.4 "Corrupt practice" means the offering, giving, receiving, or soliciting of anything of value to influence the action of a public official in the procurement process or in contract execution.
- 1.5 "Countervailing duties" are imposed in cases where an enterprise abroad is subsidized by its government and encouraged to market its products internationally.
- 1.6 "Country of origin" means the place where the goods were mined, grown or produced or from which the services are supplied. Goods are produced when, through manufacturing, processing or substantial and major assembly of components, a commercially recognized new product results that is substantially different in basic characteristics or in purpose or utility from its components.
- 1.7 "Day" means calendar day.
- 1.8 "Delivery" means delivery in compliance of the conditions of the contract or order.
- 1.9 "Delivery ex stock" means immediate delivery directly from stock actually on hand.
- 1.10 "Delivery into consignees store or to his site" means delivered and unloaded in the specified store or depot or on the specified site in compliance with the conditions of the contract or order, the supplier bearing all risks and charges involved until the goods are so delivered and a valid receipt is obtained.
- 1.11 "Dumping" occurs when a private enterprise abroad market its goods on own initiative in the RSA at lower prices than that of the country of origin and which have the potential to harm the local industries in the RSA.
- 1.12 "Force majeure" means an event beyond the control of the supplier and not involving the supplier's fault or negligence and not foreseeable. Such events may include, but is not restricted to, acts of the purchaser in its sovereign capacity, wars or revolutions, fires, floods, epidemics, quarantine restrictions and freight embargoes.
- 1.13 "Fraudulent practice" means a misrepresentation of facts in order to influence a procurement process or the execution of a contract to the detriment of any bidder, and includes collusive practice among bidders (prior to or after bid submission) designed to establish bid prices at artificial non-competitive levels and to deprive the bidder of the benefits of free and open competition.
- 1.14 "GCC" means the General Conditions of Contract.
- 1.15 "Goods" means all of the equipment, machinery, and/or other materials that the supplier is required to supply to the purchaser under the contract.

- 1.16 "Imported content" means that portion of the bidding price represented by the cost of components, parts or materials which have been or are still to be imported (whether by the supplier or his subcontractors) and which costs are inclusive of the costs abroad, plus freight and other direct importation costs such as landing costs, dock dues, import duty, sales duty or other similar tax or duty at the South African place of entry as well as transportation and handling charges to the factory in the Republic where the goods covered by the bid will be manufactured.
- 1.17 "Local content" means that portion of the bidding price, which is not included in the imported content provided that local manufacture does take place.
- 1.18 "Manufacture" means the production of products in a factory using labour, materials, components and machinery and includes other related value-adding activities.
- 1.19 "Order" means an official written order issued for the supply of goods or works or the rendering of a service.
- 1.20 "Project site," where applicable, means the place indicated in bidding documents.
- 1.21 "Purchaser" means the organization purchasing the goods.
- 1.22 "Republic" means the Republic of South Africa.
- 1.23 "SCC" means the Special Conditions of Contract.
- 1.24 "Services" means those functional services ancillary to the supply of the goods, such as transportation and any other incidental services, such as installation, commissioning, provision of technical assistance, training, catering, gardening, security, maintenance and other such obligations of the supplier covered under the contract.
- 1.25 "Supplier" means the successful bidder who is awarded the contract to maintain and administer the required and specified service(s) to the State.
- 1.26 "Tort" means in breach of contract.
- 1.27 "Turnkey" means a procurement process where one service provider assumes total responsibility for all aspects of the project and delivers the full end product / service required by the contract.
- 1.28 "Written" or "in writing" means hand-written in ink or any form of electronic or mechanical writing.

#### 2. Application

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

#### 3. General

- 3.1 Unless otherwise indicated in the bidding documents, the purchaser shall not be liable for any expense incurred in the preparation and submission of a bid. Where applicable a non-refundable fee for documents may be charged.
- 3.2 Invitations to bid are usually published in locally distributed news media and on the municipality/municipal entity website.

#### 4. Standards

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

## 5. <u>Use of contract documents and information inspection</u>

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

#### 6. Patent Rights

- 6.1 The supplier shall indemnify the purchaser against all third-party claims of infringement of patent, trademark, or industrial design rights arising from use of the goods or any part thereof by the purchaser.
- 6.2 When a supplier developed documentation / projects for the municipality/ municipal entity, the intellectual, copy and patent rights or ownership of such documents or projects will vest in the municipality / municipal entity.

#### 7. <u>Performance security</u>

- 7.1 Within thirty (30) days of receipt of the notification of contract award, the successful bidder shall furnish to the purchaser the performance security of the amount specified in SCC.
- 7.2 The proceeds of the performance security shall be payable to the purchaser as compensation for any loss resulting from the supplier's failure to complete his obligations under the contract.
- 7.3 The performance security shall be denominated in the currency of the contract, or in a freely convertible currency acceptable to the purchaser and shall be in one of the following forms:

- a) a bank guarantee or an irrevocable letter of credit issued by a reputable bank located in the purchaser's country or abroad, acceptable to the purchaser, in the form provided in the bidding documents. Another form of acceptable to the purchaser; or
- b) a cashiers' or certified cheque.
- 7.4 The performance security will be discharged by the purchaser and returned to the supplier not later than thirty (30) days following the date of completion of the supplier's performance obligations under the contract, including any warranty obligations, unless otherwise specified.

#### 8. <u>Inspections, tests and analyses</u>

- 8.1 All pre-bidding testing will be for the account of the bidder.
- 8.2 If it is a bid condition that goods to be produced or services to be rendered should at any stage be subject to inspections, tests and analyses, the bidder or contractor's premises shall be open, at all reasonable hours, for inspection by a representative of the purchaser or organization acting on behalf of the purchaser.
- 8.3 If there are no inspection requirements indicated in the bidding documents and no mention is made in the contract, but during the contract period it is decided that inspections shall be carried out, the purchaser shall itself make the necessary arrangements, including payment arrangements with the testing authority concerned.
- 8.4 If the inspections, tests and analyses referred to in clauses 8.2 and 8.3 show the goods to be in accordance with the contract requirements, the cost of the inspections, tests and analyses shall be defrayed by the purchaser.
- 8.5 Where the goods or services referred to in clauses 8.2 and 8.3 do not comply with the contract requirements, irrespective of whether such goods or services are accepted or not, the cost in connection with these inspections, tests or analyses shall be defrayed by the supplier.
- 8.6 Goods and services which are referred to in clauses 8.2 and 8.3 and which do not comply with the contract requirements may be ejected.
- 8.7 Any contract goods may on or after delivery be inspected, tested or analysed and may be rejected if found not to comply with the requirements of the contract. Such rejected goods shall be held at the cost and risk of the supplier who shall, when called upon, remove them immediately at his own cost and forthwith substitute them with goods, which do comply with the requirements of the contract. Failing such removal, the rejected goods shall be returned at the suppliers cost and risk. Should the supplier fail to provide the substitute goods forthwith, the purchaser may, without giving the supplier further opportunity to substitute the rejected goods, purchase such goods as may be necessary at the expense of the supplier.
- 8.8 The provisions of clauses 8.4 to 8.7 shall not prejudice the right of the purchaser to cancel the contract on account of a breach of the conditions thereof, or to act in terms of Clause 22 of GCC.

#### 9. Packing

9.1 The supplier shall provide such packing of the goods as is required to prevent their damage or deterioration during transit to their final destination, as indicated in the contract. The packing shall be sufficient to withstand, without limitation, rough handling during transit and exposure to extreme temperatures, salt and precipitation during transit, and open storage. Packing, case size weights shall take into consideration, where appropriate, the remoteness of the goods' final destination and the absence of heavy handling facilities at all points in transit.

9.2 The packing, marking, and documentation within and outside the packages shall comply strictly with such special requirements as shall be expressly provided for in the contract, including additional requirements, if any, and in any subsequent instructions ordered by the purchaser.

#### 10. **Delivery and documents**

10.1 Delivery of the goods and arrangements for shipping and clearance obligations, shall be made by the supplier in accordance with the terms specified in the contract.

#### 11. Insurance

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

#### 12. **Transportation**

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

#### 13. **Incidental Services**

- 13.1 The supplier may be required to provide any or all of the following services, including additional services, if any:
  - Performance or supervision of on-site assembly and/or commissioning of the supplied (a) goods;
  - (b) Furnishing of tools required for assembly and/or maintenance of the supplied goods;
  - (c) Furnishing of a detailed operations and maintenance manual for each appropriate unit of the supplied goods;
  - Performance or supervision or maintenance and/or repair of the supplied goods, for a (d) period of time agreed by the parties, provided that this service shall not relieve the supplier of any warranty obligations under this contract; and
  - Training of the purchaser's personnel, at the supplier's plant and/or on-site, in assembly, (e) start-up, operation, maintenance, and/or repair of the supplied goods.
- 13.2 Prices charged by the supplier for incidental services, if not included in the contract price for the goods, shall be agreed upon in advance by the parties and shall not exceed the prevailing rates charged to other parties by the supplier for similar services.

#### 14. **Spare parts**

- As specified, the supplier may be required to provide any or all of the following materials, 14.1 notifications, and information pertaining to spare parts manufactured or distributed by the supplier:
  - such spare parts as the purchaser may elect to purchase from the supplier, provided that (a) this election shall not relieve the supplier of any warranty obligations under the contract; and;
  - (b) in the event of termination of production of the spare parts:
    - advance notification to the purchaser of the pending termination, in sufficient time to (i) permit the purchaser to procure needed requirements; and

(ii) following such termination, furnishing at no cost to the purchaser, the blueprints, drawings, and specifications of the spare parts, if requested.

#### 15. Warranty

- 15.1 The supplier warrants that the goods supplied under the contract is new, unused, of the most recent or current models, and that they incorporate all recent improvements in design and materials unless provided otherwise in the contract. The supplier further warrants that all goods supplied under this contract shall have no defect, arising from design, materials, or workmanship (except when the design and/or material is required by the purchaser's specifications) or from any act or omission of the supplier, that may develop under normal use of the supplied goods in the conditions prevailing in the country of final destination.
- 15.2 This warranty shall remain valid for twelve (12) months after the goods, or any portion thereof as the case may be, have been delivered to and accepted at the final destination indicated in the contract, or for eighteen (18) months after the date of shipment from the port or place of loading in the source country, whichever period concludes earlier, unless specified otherwise.
- 15.3 The purchaser shall promptly notify the supplier in writing of any claims arising under this warranty.
- 15.4 Upon receipt of such notice, the supplier shall, within the period specified and with all reasonable speed, repair or replace the defective goods or parts thereof, without costs to the purchaser.
- 15.5 If the supplier, having been notified, fails to remedy the defect(s) within the period specified, the purchaser may proceed to take such remedial action as may be necessary, at the supplier's risk and expense and without prejudice to any other rights which the purchaser may have against the supplier under the contract.

#### 16. Payment

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

#### 17. Prices

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

### 18. <u>Variation Orders</u>

18.1 In cases where the estimated value of the envisaged changes in purchase does not vary more than 15% of the total value of the original contract, the contractor may be instructed to deliver the goods—or render the services as such. In cases of measurable quantities, the contractor may be approached to reduce the unit price, and such offers may be accepted provided that there is no escalation in price.

#### 19. Assignment

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

#### 20. Subcontracts

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

## 21. Delays in the supplier's performance

- 21.1 Delivery of the goods and performance of services shall be made by the supplier in accordance with the time schedule prescribed by the purchaser in the contract.
- 21.2 If at any time during performance of the contract, the supplier or its subcontractor(s) should encounter conditions impeding timely delivery of the goods and performance of services, the supplier shall promptly notify the purchaser in writing of the fact of the delay, its likely duration and its cause(s). As soon as practicable after receipt of the supplier's notice, the purchaser shall evaluate the situation and may at his discretion extend the supplier's time for performance, with or without the imposition of penalties, in which case the extension shall be ratified by the parties by amendment of contract.
- 21.3 The right is reserved to procure outside of the contract small quantities or to have minor essential services executed if an emergency arises, the supplier's point of supply is not situated at or near the place where the goods are required, or the supplier's services are not readily available.
- 21.4 Except as provided under GCC Clause 25, a delay by the supplier in the performance of its delivery obligations shall render the supplier liable to the imposition of penalties, pursuant to GCC Clause 22, unless an extension of time is agreed upon pursuant to GCC Clause 22.2 without the application of penalties.
- 21.5 Upon any delay beyond the delivery period in the case of a goods contract, the purchaser shall, without cancelling the contract, be entitled to purchase goods of a similar quality and up to the same quantity in substitution of the goods not supplied in conformity with the contract and to return any goods delivered later at the supplier's expense and risk, or to cancel the contract and buy such goods as may be required to complete the contract and without prejudice to his other rights, be entitled to claim damages from the supplier.

#### 22. Penalties

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

#### 23. <u>Termination for default</u>

23.1 The purchaser, without prejudice to any other remedy for breach of contract, by written notice of default sent to the supplier, may terminate this contract in whole or in part:

- (a) if the supplier fails to deliver any or all of the goods within the period(s) specified in the contract, or within any extension thereof granted by the purchaser pursuant to GCC Clause 21.2;
- (a) if the supplier fails to perform any other obligation(s) under the contract; or
- (c) if the supplier, in the judgement of the purchaser, has engaged in corrupt or fraudulent practices in competing for or in executing the contract.
- 23.2 In the event the purchaser terminates the contract in whole or in part, the purchaser may procure, upon such terms and in such manner, as it deems appropriate, goods, works or services similar to those undelivered, and the supplier shall be liable to the purchaser for any excess costs for such similar goods, works or services. However, the supplier shall continue performance of the contract to the extent not terminated.
- 23.3 Where the purchaser terminates the contract in whole or in part, the purchaser may decide to impose a restriction penalty on the supplier by prohibiting such supplier from doing business with the public sector for a period not exceeding 10 years.
- 23.4 If a purchaser intends imposing a restriction on a supplier or any person associated with the supplier, the supplier will be allowed a time period of not more than fourteen (14) days to provide reasons why the envisaged restriction should not be imposed. Should the supplier fail to respond within the stipulated fourteen (14) days the purchaser may regard the supplier as having no objection and proceed with the restriction.
- 23.5 Any restriction imposed on any person by the purchaser will, at the discretion of the purchaser, also be applicable to any other enterprise or any partner, manager, director or other person who wholly or partly exercises or exercised or may exercise control over the enterprise of the first-mentioned person, and with which enterprise or person the first-mentioned person, is or was in the opinion of the purchaser actively associated.
- 23.6 If a restriction is imposed, the purchaser must, within five (5) working days of such imposition, furnish the National Treasury, with the following information:
  - (i) the name and address of the supplier and / or person restricted by the purchaser;
  - (ii) the date of commencement of the restriction
  - (iii) the period of restriction; and
  - (iv) the reasons for the restriction.

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

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

#### 24. Anti- dumping and countervailing duties and rights

24.1 When, after the date of bid, provisional payments are required, or anti-dumping or countervailing duties are imposed, or the amount of a provisional payment or anti-dumping or countervailing right is increased in respect of any dumped or subsidized import, the State is not liable for any amount so required or imposed, or for the amount of any such increase. When,

after the said date, such a provisional payment is no longer required or any such anti-dumping or countervailing right is abolished, or where the amount of such provisional payment or any such right is reduced, any such favourable difference shall on demand be paid forthwith by the supplier to the purchaser or the purchaser may deduct such amounts from moneys (if any) which may otherwise be due to the supplier in regard to goods or services which he delivered or rendered, or is to deliver or render in terms of the contract or any other contract or any other amount which may be due to him.

#### 25. Force Majeure

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

#### 26. Termination for insolvency

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

#### 27. <u>Settlement of Disputes</u>

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

### 28. <u>Limitation of Liability</u>

- 28.1 Except in cases of criminal negligence or wilful misconduct, and in the case of infringement pursuant to Clause 6
  - (a) the supplier shall not be liable to the purchaser, whether in contract, tort, or otherwise, for any indirect or consequential loss or damage, loss of use, loss of production, or loss of profits or interest costs,

- provided that this exclusion shall not apply to any obligation of the supplier to pay penalties and/or damages to the purchaser; and
- (b) the aggregate liability of the supplier to the purchaser, whether under the contract, in tort or otherwise, shall not exceed the total contract price, provided that this limitation shall not apply to the cost of repairing or replacing defective equipment.

#### 29. Governing language

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

#### 30. Applicable law

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

### 31. Notices

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

#### 32. Taxes and duties

- 32.1 A foreign supplier shall be entirely responsible for all taxes, stamp duties, license fees, and other such levies imposed outside the purchaser's country.
- 32.2 A local supplier shall be entirely responsible for all taxes, duties, license fees, etc., incurred until delivery of the contracted goods to the purchaser.
- 32.3 No contract shall be concluded with any bidder whose tax matters are not in order. Prior to the award of a bid SARS must have certified that the tax matters of the preferred bidder are in order.
- 32.4 No contract shall be concluded with any bidder whose municipal rates and taxes and municipal services charges are in arrears.

#### 33. <u>Transfer of contracts</u>

33.1 The contractor shall not abandon, transfer, cede assign or sublet a contract or part thereof without the written permission of the purchaser.

#### 34. Amendment of contracts

34.1 No agreement to amend or vary a contract or order or the conditions, stipulations or provisions thereof shall be valid and of any force unless such agreement to amend or vary is entered into in writing and signed by the contracting parties. Any waiver of the requirement that the agreement to amend or vary shall be in writing, shall also be in writing.

#### 35. Prohibition of restrictive practices

35.1 In terms of section 4 (1) (b) (iii) of the Competition Act No. 89 of 1998, as amended, an agreement between, or concerted practice by, firms, or a decision by an association of firms, is prohibited if it

is between parties in a horizontal relationship and if a bidder(s) is / are or a contractor(s) was / were involved in collusive bidding.

- 35.2 If a bidder(s) or contractor(s) based on reasonable grounds or evidence obtained by the purchaser has / have engaged in the restrictive practice referred to above, the purchaser may refer the matter to the Competition Commission for investigation and possible imposition of administrative penalties as contemplated in section 59 of the Competition Act No 89 0f 1998.
- 35.3 If a bidder(s) or contractor(s) has / have been found guilty by the Competition Commission of the restrictive practice referred to above, the purchaser may, in addition and without prejudice to any other remedy provided for, invalidate the bid(s) for such item(s) offered, and / or terminate the contract in whole or part, and / or restrict the bidder(s) or contractor(s) from conducting business with the public sector for a period not exceeding ten (10) years and / or claim damages from the bidder(s) or contractor(s) concerned.