



MINIMUM CIDB GRADING REQUIRED:

DISCIPLINE	Building Works
MINIMUM CIDB	4GB

CIDB REFERENCE NUMBER: _____

PROJECT NO: ERW2403/01

DESCRIPTION: ERW2403/01: THE APPOINTMENT OF SERVICE PROVIDER TO PROVIDE GENERAL REPAIRS AND MAINTENANCE OF BUILDINGS FOR VARIOUS ERWAT SITES OVER A FIXED PERIOD ON 'AN AS AND WHEN REQUIRED' BASIS

CLOSING DATE: *Wednesday, 20 November 2024 @ 12h00*

NAME OF BIDDER:

(BIDDING ENTITY) FULL NAME i.e. (CC, (PTY) LTD, LTD, JV, SOLE PROPRIETOR etc.)

TEL NUMBER : _____

FAX NUMBER : _____

NATIONAL TREASURY CSD NUMBER : MAAA _____

BIDDERS OFFER : RATES BASED

RAISE YOUR VOICE AND TAKE ACTION AGAINST CORRUPTION AND FRAUD

ANONYMOUS REPORTING

FRAUD AND ETHICS HOTLINE : 0800-204-860

Website : www.thehotline.co.za

e-mail : erwat@thehotline.co.za

Fax : 0867 261 681

SMS : 30916

Address: P O Box 10512, Centurion, 0046

App Stores : Vuvuzela Hotline

ERWAT STAMP



PROJECT NO: ERW2403/01

DESCRIPTION: ERW2403/01: THE APPOINTMENT OF SERVICE PROVIDER TO PROVIDE GENERAL REPAIRS AND MAINTENANCE OF BUILDINGS FOR VARIOUS ERWAT SITES OVER A FIXED PERIOD ON 'AN AS AND WHEN REQUIRED' BASIS

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Contractor



Witness 1



Witness 2



Employer



Witness 1



Witness 2



T1.1 REQUEST FOR PROPOSAL NOTICE AND INVITATION

TENDER NOTICE

Bidders are hereby invited to submit tender offers for the project listed below:

Project No.	Project Description	Minimum CIDB Grading	Contact	Compulsory virtual Briefing Session Date	Closing Date	Tender Cost
ERW2403/01	ERW2403/01: THE APPOINTMENT OF CONTRACTORS TO PROVIDE GENERAL REPAIRS AND MAINTENANCE OF BUILDINGS FOR VARIOUS ERWAT SITES OVER A FIXED PERIOD ON 'AN AS AND WHEN REQUIRED' BASIS	4GB	011 929 7000	Thursday, 31 st October 2024 @ 10h00	Wednesday, 20 th November 2024 @ 12h00	R250

Kindly register to attend the compulsory briefing session on the following link or as advertised on the ERWAT website.: <https://erwat-za.zoom.us/join/register/tJEkc-GhrjkgNfGIHPEGm9P1Va5tHhAsBr8>

Potential bidders may download the bid document from the ERWAT tender site free of charge. Bidders must however note that it remains their responsibility to print the full document and any omissions submitted due to not printing the full tender document may result in your bid being null and void. Bidders may not alter the downloaded document in any form what so-ever.

Completed Tenders in ink and clearly marked **“Contract No.: ERW2403/01: THE APPOINTMENT OF CONTRACTORS TO PROVIDE GENERAL REPAIRS AND MAINTENANCE OF BUILDINGS FOR VARIOUS ERWAT SITES OVER A FIXED PERIOD ON 'AN AS AND WHEN REQUIRED' BASIS**, must be placed in the Tender Box, ERWAT Head Office, Hartebeestfontein Office Park, R25 (Bapsfontein/ Bronkhorstspuit), Kempton Park, not later than **Wednesday, 20th November 2024 @ 12:00** at which hour and date the Tenders will be opened in public at ERWAT Head Office. Tenders shall remain valid for a period of 120 days from closing date and no late, faxed, e-mailed or other form of Tender will be accepted.

All SCM Enquiries shall be addressed to Phumzile Mdlalose at Brenda.matlala@erwat.co.za and All Technical Enquiries shall be addressed to Norman Mahlangu at norman.mahlangu@erwat.co.za

Bids will be evaluated in terms of ERWAT' Supply Chain Management Policy, the MFMA ACT 56 of 2003 SCM Regulations, the Preferential Procurement Policy Framework Act 2000 and its Regulations, 2022, CIDB Act 38 of 2009 and its Regulations, the General Conditions of Contract for construction (GCC) 2015 and, if applicable, any other special conditions of contract.

“The Special Conditions of Contract are supplementary to that of the General Conditions of Contract. In the 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 (www.erwat.co.za/procurement) and the National Treasury's e-tender portal (www.etenders.gov.za).

17 OCTOBER 2024 (date of advert is available on the website and advertised)

Contractor

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Witness 2

Employer

Witness 1

Witness 2

**PROJECT NO: ERW2403/01****ERW2403/01: THE APPOINTMENT OF SERVICE PROVIDER TO PROVIDE GENERAL REPAIRS AND MAINTENANCE OF BUILDINGS FOR VARIOUS ERWAT SITES OVER A FIXED PERIOD ON 'AN AS AND WHEN REQUIRED' BASIS****T1.2 TENDER DATA****General**

The conditions of tender are the Standard Conditions of Tender as contained in Annex F of Board Notice 136 of 2015 in Government Gazette 38960 of 10 July 2015, Construction Industry Development Board (CIDB) Standard for Uniformity in Construction Procurement. See www.cidb.org.za which is reproduced without amendment or alteration for the convenience of Bidders as an Annex to this Tender Data.

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.

The following Standard Conditions of Tender as set out in the Tender Data below shall apply to this tender.

Clause No.	TENDER DATA
F1.1	The Employer is: Ekurhuleni Water Care Company (ERWAT) Hartebeestfontein Office Park R25 (Bapsfontein/Bronkhorstspuit Road) Kempton Park
F.1.2	The Tender document's contents is as follows: <u>THE TENDER</u> Part T1: Tender Procedures (Pink) T1.1 Tender notice and invitation to Tender T1.2 Tender Data

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	<p>Part T2: Returnable Documents (Pink)</p> <p>T2.1 List of returnable documents</p> <p>T2.2 Returnable schedules</p> <p><u>THE CONTRACT</u></p> <p>Part C1: Agreements and Contract Data (Yellow)</p> <p>C1.1 Form of Offer and Acceptance</p> <p>C1.2 Contract Data</p> <p>C1.3 Occupational Health and Safety</p> <p>C1.4 Corporate Governance Breach Clause</p> <p>Part C2: Pricing Data (Yellow)</p> <p>C2.1 Pricing Instructions</p> <p>C2.2 Bill of Quantities</p> <p>Part C3: Scope of Work (Blue)</p> <p>C3.1 Description of Works</p> <p>C3.2 Engineering</p> <p>C3.3 Construction</p> <p>C3.4 Management of Works</p> <p>C3.5 Health and Safety</p> <p>C3.6 Environmental Management During Construction</p>
F1.3	<p>Interpretation</p> <p>The Tender data and additional requirements contained in the Tender schedules that are included in the returnable documents are deemed to be part of these Tender conditions.</p>
F.1.4	<p>The Employer's Representatives are:</p> <p><u>SCM:</u> Phumzile Mdlalose - 011 929-7000/ Brenda Matlala – 011 929 7000</p> <p>E-mail Address: phumzile.mdlalose@erwat.co.za/Brenda.matlala@erwat.co.za</p> <p><u>Operations:</u> - 011 968 9869</p> <p>E-mail Address: norman.mahlangu@erwat.co.za</p> <p>Attention is drawn to the fact that verbal communication given by the Employer's representative prior to the close of Request for Proposals (Tender) will not be regarded as binding on the employer. Only information issued formally by the employer in writing to the bidders, under the signature of the Accounting Officer or his nominee will be regarded as amending the Tender documents. Tender offer communicated on paper shall be submitted as an original.</p> <p>In the event that no correspondence or communication is received from ERWAT within one hundred and twenty (120) days after the stipulated closing date and time of the Tender, the Tender proposal will be deemed to be unsuccessful.</p>
F.1.5	Reject or Accept

Contractor

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Employer

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	<p>The Employer may accept or reject any variation, deviation, Tender offer, or alternative Tender offer, and may cancel the Tender process and reject all Tender offers at any time before the formation of a contract. The employer shall not accept or incur any liability to a bidder for such a cancellation and rejection but will give written reasons for such action upon written request to do so.</p>
F.1.6	The intention of ERWAT is to appoint a minimum of one (1) and a maximum of three (3) bidders.
F.2.1	<p>CIDB Requirements</p> <p>Only those Bidders who are registered with the required CIDB, then a contractor grading designation determined in accordance with the sum tendered, or a value determined in accordance with Regulation 25 (1B) or 25(7A) of the Construction Industry Development Regulations, for a 4GB class of construction work, are eligible to have their tenders evaluated.</p> <p>Furthermore, the contractor minimum grading 4GB for construction works taking place over an agreed period shall be based on the entire contract value where such work is:</p> <ul style="list-style-type: none"> on an "as and when required" basis <p>Joint ventures are eligible to submit tenders provided that:</p> <ol style="list-style-type: none"> Every member of the joint venture is registered with the CIDB: The lead partner must be registered in a contractor grading designation not lower than one level below the required grading designation in the class of construction works under consideration. Please consult the CIDB website for the provisions for joint venture submission. The combined contractor grading designation calculated in accordance with the Construction Industry Development Regulations is equal to a contractor grading designation determined in accordance with the sum tendered for a 4GB class of construction work or a value determined in accordance with Regulation 25 (1B) or 25(7A) of the Construction Industry Development Regulations. The bulk of the work for this Contract is General repairs to Buildings and Plumbing, however it may also include civil, mechanical, electrical and control & instrumentation aspects. Should these portions be sub-contracted, each Sub-Contractor shall have a sufficient CIDB grading in their field to cover their portion of the Contract price. An indication of the portion of the total Contract price allocated to each Sub-Contractor as well as proof of each Sub-Contractors CIDB grading shall be included in the Bidders submissions.
F.2.2	<p>Cost of Bidding</p> <p>Accept that the Employer will not compensate the Bidders for any costs incurred in the preparation and submission of a tender offer, including the costs of any testing necessary to demonstrate that aspects of the offer satisfy requirements.</p>
F.2.3	<p>Check documents</p> <p>The Bidder shall satisfy himself that the set of tender documents is complete and in accordance with the index. If any page has been omitted or duplicated, or if the script or dimensions, or anything else in the tender document is indistinct, or if doubt exists as to the meaning of any description, or if the tender document contains any obvious errors, the Bidder shall immediately notify the Employer accordingly, in writing, so that such discrepancy or indistinctness can be clarified and rectified, as ERWAT will not accept any responsibility or</p>

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	consider any claim in connection with such discrepancy or indistinctness, which are not rectified during the tender period.	
F.2.4	Confidentiality and copyright of documents	
	Treat as confidential all matters arising in connection with the Tender. Use and copy the documents issued by the employer only for the purpose of preparing and submitting a proposal offer in response to the invitation.	
F2.5	Reference Documents	
	Obtain, as necessary for submitting a tender offer, copies of the latest versions of standards, specifications, conditions of contract and other publications, which are not attached but which are incorporated into the tender documents by reference	
F2.6	Acknowledge Addenda	
	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.	
F.2.7	Briefing session	
	Compulsory briefing session	Thursday, 31 st October 2024 AT 10H00
	<p>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.</p> <p><i>Kindly indicate the company representative/s e-mail address who attended the briefing session:</i></p> <p>_____;</p> <p>_____;</p> <p>_____.</p> <p><i>Kindly note that the above e-mail address/s will be utilised to verify your attendance at the compulsory briefing session conducted on Zoom. In the event that the indicated e-mail address/es cannot be traced on the zoom registration and/or on-line attendance register, it will be taken that your company did not attend the briefing session and will result in your bid not being evaluated. It is the bidder's responsibility to provide correct e-mail address and/or contact details.</i></p> <p><u>Joint Venture:</u></p> <p><i>In the event that the bidding entity wishes to submit an offer as a joint venture, either one or both company representatives must attend the briefing session.</i></p> <p><i>Kindly indicate above one or both representatives that attended the briefing session.</i></p>	
F.2.8	Seek clarification	
	Questions or queries must be submitted to the Employer at least five (5) working days after the stipulated briefing session date. 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.	

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F2.9	N/A
F.2.10	Pricing the Tender State the rates and prices in South African Rand (ZAR). <ul style="list-style-type: none"> Prices shall be FIXED and FIRM for the first 12 months of the Contract. Price increments will be based on MBD 3.1 pricing structure annually on the anniversary of this tender. CPI or the agreed alternate price adjustment indices to be determined during Service Level Agreement (SLA) stage will be used to adjust the tendered rates.
F.2.11	Alterations to documents Bidder must not make any alterations or additions to the proposal documents, except to comply with instructions issued by the employer, or necessary to correct errors made by the bidder. All signatories to the Tender offer shall sign next to all such alterations. Erasures and the use of masking fluid are prohibited. Copies are not allowed; only original documents will be accepted.
F.2.12	N/A
F.2.13	Submitting a Tender offer No late, faxed, emailed or other form of Tender will be accepted. Completed Tenders with attached documents, if any, must be submitted in Black ink in sealed envelopes and clearly marked: DESCRIPTION: ERW2403/01: THE APPOINTMENT OF SERVICE PROVIDER TO PROVIDE GENERAL REPAIRS AND MAINTENANCE OF BUILDINGS FOR VARIOUS ERWAT SITES OVER A FIXED PERIOD ON 'AN AS AND WHEN REQUIRED' BASIS and must be placed in Tender Box at ERWAT Head Office, Hartbeestfontein Office Park, R25 (Bapsfontein / Bronkhorstspuit), Kempton Park. Accept that the tender submitted to the employer cannot be withdrawn or substituted. No substitute tender offers will be considered. All Tenders received by ERWAT will remain in the Company's possession.
F.2.14	N/A
F.2.15	Closing time Closing Date: Wednesday, 20 November 2024 Closing Time: 12h00 noon Telephonic, telegraphic, telex, facsimile or e-mailed bid offers will not be accepted.
F.2.16	Tender offer validity The Tender offer validity period is 120 Days from date of closing of bid.
F2.18	Provide other information <ul style="list-style-type: none"> Bidders should note that the following documents are deemed to form part of the tender to be completed as far as possible by the bidders. ERWAT reserves the right to contact bidders during the BEC stage to clarify information relating the following forms below: <ul style="list-style-type: none"> - MBD 1 - General Declaration

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	<ul style="list-style-type: none"> - MBD 3.1 – Pricing schedule (firm prices) - MBD 4 - Declaration of Interest - MBD 5 - Declaration for Procurement above R10 million (all applicable taxes included) - MBD 6.1 – Preference points claim form in terms of the Preferential Procurement Regulations 2022 - MBD 6.2 - DTI - MBD 7.2 – Contract Form: Rendering of Services - MBD 8 - Declaration of bidder's past supply chain management practices - MBD 9 - Certificate of Independent Bid Determination <p>(1) Proof of SARS Tax status (pin issued by the South African Revenue Services);</p> <p>(2) Copy of municipal Statement not older than 3 months or letter from landlord stating that rates and taxes are not in arrears for more than 90 days from date of closing of bid.</p> <p>(3) In case of Joint Venture – the Joint Venture Agreement</p> <ul style="list-style-type: none"> ▪ If any pages have been removed from the bid document, and have therefore not been submitted, or a copy of the original bid document has been submitted (all signatures to be original on each page). ▪ If the bidder fails to achieve the minimum score in terms of the functionality evaluation (where applicable). ▪ ERWAT reserves the right to request any part of the returnable schedule to be submitted in an electronic format.
F2.23	<p>Certificates</p> <p>The Bidder is required to submit with his Tender a letter of intent from an approved insurer undertaking to provide the Performance Guarantee to the format included in Part C1.3 of this Tender Document (where applicable).</p>
F3.4	<p>Opening of tender</p> <p>Tenders will be opened in public at the ERWAT Head Office, Hartbeestfontein Office Park, R25 (Bapsfontein / Bronkhorstspuit), Kempton Park.</p>
F3.5	<p>Two-envelope System</p> <p>A two-envelope procedure will NOT be followed.</p>
F3.6	<p>Non-disclosure</p> <p>After the opening of the Tender offers, no information relating to the clarification, determination of responsiveness, evaluation and comparison of Tender offers and recommendations concerning the award of the Tender shall be disclosed to any other Bidder or persons not concerned with such process until the award of the Tender has been announced by ERWAT.</p>

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F3.9	<p>Arithmetical errors, omissions, and discrepancies</p> <p>ERWAT is to check BID offers for arithmetical errors in the following manner:</p> <ol style="list-style-type: none"> Where there is a discrepancy between the amounts in words and amounts in figures, the amount in words shall govern. If bills of quantities or pricing schedules apply and there is an error in the line-item total resulting from the product of the unit rate and the quantity, the line-item total shall govern and the rate shall be corrected. Where there is an obviously gross misplacement of the decimal point in the unit rate, the line-item total as quoted shall govern, and the unit rate shall be corrected. Where there is an error in the total of the prices either as a result of other corrections required by this checking process or in the Bidder's addition of prices, the total of the prices shall govern, and the Bidder will be asked to revise selected item prices (and their rates if bills of quantities apply) to achieve the tendered total of the prices. <p>Consider the rejection of a tender offer if the Bidder does not correct or accept the correction of the arithmetical error in the manner described above.</p>
F3.11	<p>1. Evaluation of tender offers</p> <p>The Bidders notice is drawn to the fact that the evaluation, adjudication and awarding of this Tender will be in terms of the Supply Chain Management Policy of ERWAT and the Preferential Procurement Regulations of 2022.</p> <p>If the submitted Tender does not comply with the Tender conditions, the Tender may be rejected. If specifications are not met, the Tender may also be rejected. With regards to the above, certain actions or errors are unacceptable, and warrant REJECTION OF THE TENDER, for example:</p> <ul style="list-style-type: none"> Proof of SARS Tax status (pin issued by the South African Revenue Services); Non submission of company registration certificates. Pages that were to be completed being removed from the Tender document and have therefore not been submitted. Failure to fully complete form of offer. Scratching out without initialing next to the amended rates or information. Writing over / painting out rates / the use of Tippex/correction fluid or any erasable ink. Failure to attend compulsory briefing meetings. The Tender has not been properly signed by a party having the authority to do so, according to the Form C- "Authority for Signatory". No authority for signatory submitted. Particulars required in respect of the proposal have not been provided: non- compliance of Tender requirements and/or specifications. The Bidder's attempts to influence or have in fact influenced the evaluation and/or awarding of the contract. The Proposal has been submitted after the relevant closing date and time. If any municipal rates and taxes or municipal service charges owed by that Bidder or any of its directors to the company, or to any other company or municipal entity, are in arrears for more than three months (90 days). If any Bidder who during the last five years has failed to perform satisfactorily on a previous contract with the company or any other organ of state after written notice was given to that Bidder that performance was unsatisfactory.

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2. Good standing with SA Revenue Services

- Determine whether the bidders tax matters are in order as provided for by SARS.
- The Bidder must complete the MBD 2 form in the returnable schedule and or attach their valid SARS Pin to verify their Tax matters to the designated page of the Tender document.

If the Tender does not meet the requirements contained in the ERWAT Supply Chain Policy, and the mentioned framework, it will be rejected and may not subsequently be made acceptable by correction or withdrawal of the non-conforming deviation or reservation.

3. Penalties

ERWAT will, if upon investigation it is found that a preference in terms of the Preferential Procurement Policy Framework Act, 2000 and these regulations has been obtained on a fraudulent basis, or any specified goals are not attained in the performance of the contract, one or more of the following penalties will be imposed:

- Cancel the contract and recover all losses or damages incurred or sustained from the Bidder.
- Impose a financial penalty of twice the theoretical financial preference associated with the claim, which was made in the Tender.
- Restrict the firm, its shareholders, and directors on obtaining any business from ERWAT for a period of 5 years and blacklisted on the National Treasury database of restricted suppliers.

4. Evaluation Criteria

ERWAT will establish a Bid Evaluation Committee (BEC) whose responsibility it is to make recommendations to the Bid Adjudication Committee (BAC). The Bid Evaluation Committee will shortlist and evaluate the bid document in accordance with the criteria below and make recommendations to the BAC.

- 1) Pre compliance evaluation to be done and pre-qualified bidders goes through for the functionality evaluation. Where some pre-compliance information is not provided the ERWAT supply chain will contact the responsible bidder to submit within 5 working days and failure to do so will result in disqualification.
- 2) Score Bid evaluation points for price and specific goals points.
- 3) Calculate total Bid evaluation points, to two decimal places for each of the discipline(s) the contractor has bided for.
- 4) Rank Bid offers from the highest number of Bid evaluation points to the lowest.
- 5) Recommend Bidders with the highest number of Bid evaluation points for the award of the contract, unless there are compelling and justifiable reasons not to do so.
- 6) The recommended bidders will only be awarded for the specific discipline the contractor has bided for.

FUNCTIONALITY CRITERIA: -

Note: The minimum required score for functionality is stipulated in the functionality table listed elsewhere in the document. Bidders scoring less than the stipulated threshold on functionality shall not proceed to the next stage of the evaluation.

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	<p>Functionality criteria maximum points in respect of each criterion shall be as set out at the bottom of this table. All Tender submission will be evaluated by at least three evaluators against the Table below. Bidders shall ensure that their tender submissions are sufficiently detailed and that all required information is included in their submissions. Information not provided will result in zero points awarded for the respective item.</p> <p>Tender evaluation points</p> <p>Tender evaluation points will be allocated as per the Supply Chain Management policy and the Preferential Procurement Policy Framework Act, 2000: Preferential Procurement Regulations, 2022 including the following:</p> <p>The points allocation for this Tender is:</p> <ul style="list-style-type: none">a) Price: 80b) Specific Goals: 20 <p>Regulations of disputes, objections, complaints, and queries will be handled in accordance with the Supply Chain Management Policy of ERWAT.</p>
F3.17	<p>Provide copies of the contracts</p> <p>The number of paper copies of the signed contract to be provided by the Employer is one.</p>
	<p>The additional conditions of the proposal are:</p> <ul style="list-style-type: none">1) ERWAT may also request that the Bidder provide written evidence that his financial, labour and resources are adequate for carrying out the project.2) ERWAT reserves the right to appoint a firm of chartered accountants and auditors and / or execute any other financial investigations on the financial resources of any Bidder. The Bidders shall provide all reasonable assistance in such investigations.3) 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.

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TECHNICAL/FUNCTIONALITY EVALUATION**1. MANDATORY REQUIREMENTS**

Bidders must submit a valid (active) CIDB grading certificate or reference number, failure to submit a valid CIDB grading certificate or reference number will render the bid non-responsive, and the bid will therefore be disqualified from further evaluation processes. ERWAT reserved the right to verify all mandatory requirements.

Building Works	Mandatory requirements	Supporting Evidence
4GB	CIBD registration 4GB	Valid (active) CIDB Certificate or Reference number (Online verification will be done by ERWAT)

NB! Failure to submit the above-mentioned documents will result in disqualification.

2. TECHNICAL / FUNCTIONALITY EVALUATION

NB: ERWAT RESERVES THE RIGHT TO VERIFY ALL SUBMITTED DOCUMENTATION.

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

2.1. BUILDING WORKS (4GB)

Evaluation Criteria	Breakdown of Points	Points
<p>Company Experience in Building Repairs or Construction or Maintenance or Refurbishments:</p> <p>Provide both Appointment Letter (or Purchase Order) and completion certificate or reference letter for each project.</p> <p>Only signed Appointment Letters (or Purchase Orders) and completion certificates/reference letters on the letterheads of the previous client/employer with a clear description of works, contract value, contact person, and contact details of the contact person will be accepted.</p>	<ul style="list-style-type: none"> 5 or more relevant projects = 50 Points 4 relevant projects = 40 Points 3 relevant projects = 30 Points 2 relevant projects = 20 Points 0-1 relevant project = 0 Points <p>NB: 0 Points – No Submission, uncontactable or Denied Reference</p>	50
<p>Expertise of key Staff.</p> <p>The Portfolio of evidence (CV and Qualification) should be provided for each member indicating the months and the type of projects involved in.</p> <p>For each Key Personnel, Points shall be allocated based on the post-qualification months of experience as provided in the breakdown under each key Personnel</p>	<p>1xTeam Leader</p> <p>Minimum Diploma Qualification in Civil Engineering Or the Built Environment and the below experience in the Repairs or Construction or Refurbishments of Buildings, for the following months of experience:</p> <ul style="list-style-type: none"> 60 Months and above = 50 Points 48 to 59 Months = 40 Points 36 to 47 Months = 30 Points 24 to 35 Months = 20 Points 12 to 23 Months = 10 Points 0 to 11 Months = 0 Points 	50
Total Number of Points		100
Less than 80 points will render the bid non-responsive, and the bidder will therefore be disqualified from further evaluation processes.		

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2



PROJECT NO: ERW2403/01

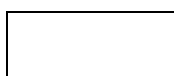
THE APPOINTMENT OF SERVICE PROVIDER TO PROVIDE GENERAL REPAIRS AND MAINTENANCE OF BUILDINGS FOR VARIOUS ERWAT SITES OVER A FIXED PERIOD ON 'AN AS AND WHEN REQUIRED' BASIS

T 2.1 LIST OF RETURNABLE DOCUMENTS

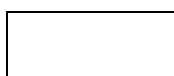
1. Failure to fully complete and sign the relevant returnable documents shall render such a tender offer unresponsive.
2. Bidders shall note that their signatures appended to each returnable form represents a declaration that they vouch for the accuracy and correctness of the information provided, including the information provided by candidates proposed for the specified keypositions.
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:**

RETURNABLE SCHEDULES REQUIRED FOR TENDER EVALUATION PURPOSES

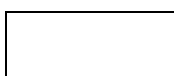
MBD 1	COMPULSORY ENTERPRISE QUESTIONNAIRE
MBD 2	INVITATION TO BID TAX CLEARANCE REQUIREMENTS
MBD 3.1	PRICING STRUCTURE: FIRM PRICES
MBD 4	DECLARATION OF INTEREST
MBD 5	DECLARATION FOR PROCUREMENT ABOVE R10 MILLION (ALL APPLICABLE TAXES INCLUDED)
MBD 6.1	PREFERENCE POINTS CLAIM FORM
MBD 6.2	LOCAL PRODUCTION
MBD 7.2	CONTRACT FORM: RENDERING OF SERVICES
	PART 1: TO BE COMPLETED BY THE BIDDER
	PART 2: TO BE COMPLETED BY ERWAT



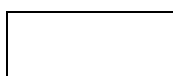
Contractor



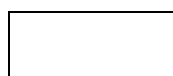
Witness 1



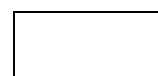
Witness 2



Employer



Witness 1



Witness 2

MBD 8	DECLARATION OF BIDDER'S PAST SUPPLY CHAIN MANAGEMENT PRACTICES
MBD 9	CERTIFICATE OF INDEPENDENT BID DETERMINATION
FORM A	<p>MUNICIPAL SERVICES, RATES AND TAXES OR RENTAL AGREEMENT WITH LANDLORD:</p> <p>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.</p> <p>Rates and taxes must not be in arrears for longer than 90 (ninety) days of date of closing of bid.</p>
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	CERTIFICATE 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
FORM H	CERTIFIED COPY OF ID DOCUMENT/S OF OWNERS/MEMBERS/SHAREHOLDERS
FORM I	CURRENT CERTIFICATE OF GOOD STANDING FROM COMPENSATION COMMISSIONER
FORM J	LETTER OF INTENT TO SUBMIT THIRD PARTY LIABILITY INSURANCE AND ALL RISK CONTRACTORS' INSURANCE TO COVER THIS CONTRACT
FORM K	EXPERTISE OF THE KEY PERSONNEL
FORM L	COPY OF COMPANY REGISTRATION DOCUMENTS
FORM M	BACKGROUND AND WORK EXPERIENCE
FORM N	POPIA CONSENT FORM

Returnable Documents that will be incorporated into the contract

C1.1	OFFER PORTION OF FORM OF OFFER AND ACCEPTANCE
C1.2	CONTRACT DATA (PART 2)

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

T2.1.1 IMPORTANT: Required Returnable Documentation:

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.

Item	Description of Document/Proof Sought	To be completed by the Bidder: Please fill in Yes or No if Proof/ Documentation attached	For Office Use Only Verified by SCM Official: Please fill in Yes or No if Proof/ Documentation attached
1	A valid Tax Clearance Certificate/SARS issued pin		
2	Certified Copy of ID documents of owners/members/shareholders (see Bidders Information Section).		
3	Copy of Municipal Statement not older than 3 months OR Letter from landlord stating that you are renting from his/her property OR Copy of Lease agreement and Contact details (Statement and arrears should not be older than 3 months)		
4	Current Certificate of Good Standing from Compensation Commissioner		
5	Expertise of the Key Personnel		
6	Occupational Health & Safety Plan		

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

T2.1.2 Other Returnable Documents required for the evaluation

Item	Description of Document/Proof Sought	To be completed by the Bidder: Please fill in Yes or No if Proof/ Documentation attached	For Office Use Only Verified by SCM Official: Please fill in Yes or No if Proof/ Documentation attached
1.	Copy of Company/ Registration Documents (see Bidders Information Section). – Failure to submit will result in disqualification.		
2.	Financial Statements for the past three financial years – where required by law to do so (refer to MBD5)		
3.	Certificate/rates and taxes account that there are no outstanding commitments for municipal rates and taxes for more than 30 days and or a valid lease agreement. Failure to submit this information will result in disqualification.		
4.	Proof of CSD registration (Supplier number and unique reference ID) – failure to supply this information will result in disqualification. This tender may not be awarded to a person who is not registered on the CSD database.		

Contractor**Witness 1****Witness 2****Employer****Witness 1****Witness 2**



PROJECT NO: ERW2403/01

THE APPOINTMENT OF SERVICE PROVIDER TO PROVIDE GENERAL REPAIRS AND MAINTENANCE OF BUILDINGS FOR VARIOUS ERWAT SITES OVER A FIXED PERIOD ON 'AN AS AND WHEN REQUIRED' BASIS

T2.2 RETURNABLE SCHEDULES

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

MBD 1

RETURNABLE DOCUMENTS REQUIRED FOR TENDER EVALUATION PURPOSES

COMPULSORY ENTERPRISE QUESTIONNAIRE

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 "**CONTRACT NO: ERW2403/01 THE APPOINTMENT OF SERVICE PROVIDER TO PROVIDE GENERAL REPAIRS AND MAINTENANCE OF BUILDINGS FOR VARIOUS ERWAT SITES OVER A FIXED PERIOD ON 'AN AS AND WHEN REQUIRED' BASIS**" to be placed in Tender Box at ERWAT Head Office, Hartebeestfontein Office Park, R25 (Bapsfontein / Bronkhorstspuit), 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) 2015 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
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 successful bidder will be required to fill in and sign a written contract form (MBD7).

Contact Person: Mr. Norman Mahlangu
Contact Details: (TEL) 011 968 9869
E-MAIL: norman.mahlangu@erwat.co.za

Witness 2

PART B TERMS AND CONDITIONS FOR BIDDING

1. BID SUBMISSION:

- 1.1. BIDS MUST BE DELIVERED BY THE STIPULATED TIME TO THE CORRECT ADDRESS. LATE BIDS WILL NOT BE ACCEPTED FOR CONSIDERATION.
- 1.2. **ALL BIDS MUST BE SUBMITTED ON THE OFFICIAL FORMS PROVIDED – (NOT TO BE RE-TYPED) OR ONLINE**
- 1.3. THIS BID IS SUBJECT TO THE PREFERENTIAL PROCUREMENT POLICY FRAMEWORK ACT AND THE PREFERENTIAL PROCUREMENT REGULATIONS, 2022, THE GENERAL CONDITIONS OF CONTRACT (GCC) AND, IF APPLICABLE, ANY OTHER SPECIAL CONDITIONS OF CONTRACT.

2. TAX COMPLIANCE REQUIREMENTS

- 2.1 BIDDERS MUST ENSURE COMPLIANCE WITH THEIR TAX OBLIGATIONS.
- 2.2 BIDDERS ARE REQUIRED TO SUBMIT THEIR UNIQUE PERSONAL IDENTIFICATION NUMBER (PIN) ISSUED BY SARS TO ENABLE THE ORGAN OF STATE TO VIEW THE TAXPAYER'S PROFILE AND TAX STATUS.
- 2.3 APPLICATION FOR THE TAX COMPLIANCE STATUS (TCS) CERTIFICATE OR PIN MAY ALSO BE MADE VIA E-FILING. IN ORDER TO USE THIS PROVISION, TAXPAYERS WILL NEED TO REGISTER WITH SARS AS E-FILERS THROUGH THE WEBSITE WWW.SARS.GOV.ZA.
- 2.4 FOREIGN SUPPLIERS MUST COMPLETE THE PRE-AWARD QUESTIONNAIRE IN PART B:3.
- 2.5 BIDDERS MAY ALSO SUBMIT A PRINTED TCS CERTIFICATE TOGETHER WITH THE BID.
- 2.6 IN BIDS WHERE CONSORTIA / JOINT VENTURES / SUB-CONTRACTORS ARE INVOLVED, EACH PARTY MUST SUBMIT A SEPARATE TCS CERTIFICATE / PIN / CSD NUMBER.
- 2.7 WHERE NO TCS IS AVAILABLE BUT THE BIDDER IS REGISTERED ON THE CENTRAL SUPPLIER DATABASE (CSD), A CSD NUMBER MUST BE PROVIDED.

3. QUESTIONNAIRE TO BIDDING FOREIGN SUPPLIERS

- 3.1. IS THE ENTITY A RESIDENT OF THE REPUBLIC OF SOUTH AFRICA (RSA)? ☐ YES ☐ NO
- 3.2. DOES THE ENTITY HAVE A BRANCH IN THE RSA? ☐ YES ☐ NO
- 3.3. DOES THE ENTITY HAVE A PERMANENT ESTABLISHMENT IN THE RSA? ☐ YES ☐ NO
- 3.4. DOES THE ENTITY HAVE ANY SOURCE OF INCOME IN THE RSA? ☐ YES ☐ NO
- 3.5. IS THE ENTITY LIABLE IN THE RSA FOR ANY FORM OF TAXATION? ☐ YES ☐ NO

IF THE ANSWER IS "NO" TO ALL OF THE ABOVE, THEN IT IS NOT A REQUIREMENT TO REGISTER FOR A TAX COMPLIANCE STATUS SYSTEM PIN CODE FROM THE SOUTH AFRICAN REVENUE SERVICE (SARS) AND IF NOT REGISTER AS PER 2.3 ABOVE.

NB: Failure to provide any of the above particulars may result in your bid being disqualified.

Name & Surname of Representative: _____

Signature Of Bidder: _____

Capacity Under Which This Bid Is Signed: _____

Date: _____

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

MBD 3.1

**PRICING SCHEDULE – FIRM PRICES
(PROCUREMENT OF SERVICES/WORKS)**

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

Name of Bidder: _____ Bid number: **ERW2403/01:**

Closing Time: **12:00 pm**

Closing Date: **Wednesday, 20 November 2024**

OFFER TO BE VALID FOR 120 DAYS FROM THE CLOSING DATE OF BID.

ITEM NO.	QUANTITY	DESCRIPTION	BID PRICE IN RSA CURRENCY **(ALL APPLICABLE TAXES INCLUDED)
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Kindly refer to the Bill of quantities.

- Required by: **EKURHULENI WATER CARE WORKS**
- At: **OPERATIONS AND MAINTENANCE**
- Brand and model: N/A
- Country of origin: N/A.
- Does the offer comply with the specification(s)? *YES/NO
- If not to specification, indicate deviation(s) _____
- Period required for delivery: To be determined at Service Level Agreement.
- Delivery: *Firm/Not firm

** "all applicable taxes" include value- added tax, pay as you earn, income tax, unemployment insurance fund contributions and skills development levies.

*Delete if not applicable

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.

4.1 Full Name of bidder or his or her representative:

4.2 Identity Number:

--	--	--	--	--	--	--	--	--	--	--	--	--	--

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

4.4 Company Registration Number: _____

4.5 Tax Reference Number: _____

4.6 VAT Registration Number: _____

4.7 The names of all directors / trustees / shareholders members, their individual identity numbers and state employee numbers must be indicated in paragraph 5 below.

4.8 Are you presently in the service of the state?
If so, furnish particulars.

YES / NO

4.9 Have you been in the service of the state for the past twelve months?

YES / NO

If so, furnish particulars.

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?

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Contractor

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Witness 1

--

Witness 2

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Employer

--

Witness 1

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Witness 2

YES / NO

If so, furnish particulars.

- 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?

YES / NO

If so, furnish particulars.

- 4.12 Are any of the company's directors, trustees, managers, principle shareholders or stakeholders in service of the state?

YES / NO

If so, furnish particulars.

- 4.13 Are any spouse, child or parent of the company's directors, trustees, managers, principal shareholders or stakeholders in service of the state?

YES / NO

If so, furnish particulars.

- 4.14 Do you or any of the directors, trustees, managers, principle shareholders, or stakeholders of this company have any interest in any other related companies or business whether or not they are bidding for this contract?

(This refers to all companies involved in, regardless of the commodity)

YES / NO

If so, furnish particulars.

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

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

FULL NAME	IDENTITY NUMBER	STATE EMPLOYEE NUMBER

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

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

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

CERTIFICATION

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

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

SIGNATURE

DATE

POSITION

NAME OF BIDDER

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

MBD 5

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

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

*** Delete if not applicable**

1. **Are you by law required to prepare annual financial statements for auditing?**

***YES/NO**

1.1 If yes, submit **audited** annual financial statements for the **past three years** or since the date of establishment if established during the past three years.

2. Do you have any outstanding undisputed commitments for municipal services towards any municipality for more than three months or any other service provider in respect of which payment is overdue for more than 30 days?

***YES/NO**

2.1 If no, this serves to certify that the bidder has no undisputed commitments for municipal services towards any municipality for more than three months or other service provider in respect of which payment is overdue for more than 30 days.

2.2 If yes, provide particulars.

3. Has any contract been awarded to you by an organ of state during the past five years, including particulars of any material non-compliance or dispute concerning the execution of such contract?

***YES/ NO**

3.1 If yes, furnish particulars

4. Will any portion of goods or services be sourced from outside the Republic, and, if so, what portion and whether any portion of payment from the municipality / municipal entity is expected to be transferred out of the Republic?

YES / NO

4.1 If yes, furnish particulars

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

CERTIFICATION

I, THE UNDERSIGNED (NAME) _____

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

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

SIGNATURE

DATE

POSITION

NAME OF BIDDER

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

MBD 6.1**PREFERENCE POINTS CLAIM FORM IN TERMS OF THE PREFERENTIAL PROCUREMENT REGULATIONS 2022**

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

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

1. GENERAL CONDITIONS

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

- the 80/20 system for requirements with a Rand value below R50 000 000 (all applicable taxes included).

1.2 To be completed by the organ of state

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

1.3 Points for this tender shall be awarded for:

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

1.4 To be completed by the organ of state:

The maximum points for this tender are allocated as follows:

	POINTS
PRICE	80
SPECIFIC GOALS	20
Total points for Price and SPECIFIC GOALS	100

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

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

2. FORMULAE FOR PROCUREMENT OF GOODS AND SERVICES**2.1 POINTS AWARDED FOR PRICE**

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

2.1.1 THE 80/20 PREFERENCE POINT SYSTEMS

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

80/20

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

Where

P_s = Points scored for price of tender under consideration

P_t = Price of tender under consideration

P_{min} = Price of lowest acceptable tender

3. POINTS AWARDED FOR SPECIFIC GOALS

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

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

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

The specific goals allocated points in terms of this tender	Number of points allocated (80/20 system)	Number of points claimed (80/20 system) (To be completed by the bidder)
EME or QSE 51% owned by women	4	
EME or QSE 51% owned by youth	4	
EME or QSE 51% owned by people with disabilities	4	
EME or QSE 51% owned by military veterans	4	
EME or QSE within the boundaries of Ekurhuleni Municipality	4	

The above information will be verified in accordance with the bidders B-BBEE certificate, and or a certificate from the companies and intellectual property commission (CIPC), the department of Military Veterans and or other supporting documents. All supporting evidence must be submitted in order to claim the preferential procurement points claimed. ERWAT reserves the right to verify the information submitted.

In the case of multi-parties (Joint ventures, consortiums, partnerships, etc.), allocation of points will be calculated by adding the individual parties in the JV, etc. ownership % together; divide the total by the number of parties in the respective joint ventures, consortiums, partnerships, etc. The average % will thus be the indicating factor for the number of points to be scored limited to the maximum available points.

e.g. Joint venture:

Party 1 = 51% EME/QSE owned by women

Party 2 = 100% EME/QSE owned by women

= 151% / 2 parties in the JV = 75% and will score = 2 points

The above principle will apply to points 1, 2, 3 & 4 indicated in Table 1 above.

For point 5: The collective JV agreement's address, or the Lead JV partners' domicile Address will be utilized for scoring of points.

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

DECLARATION WITH REGARD TO COMPANY/FIRM

3.2. Name of company/firm.....

3.3. Company registration number:

3.4. TYPE OF COMPANY/ FIRM

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

[TICK APPLICABLE BOX]

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

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

.....

SIGNATURE(S) OF TENDERER(S)

SURNAME AND NAME:

DATE:

ADDRESS:

.....

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

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

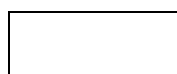
- 2.1. **“bid”** includes written price quotations, advertised competitive bids or proposals;
- 2.2. **“bid price”** price offered by the bidder, excluding value added tax (VAT);
- 2.3. **“contract”** means the agreement that results from the acceptance of a bid by an organ of state;
- 2.4. **“designated 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 of SATS 1286:2011) for this bid is/are as follows:

The stipulated minimum threshold percentage for local production and content for this project is indicated in the table below and bidders are required to stipulate their respective percentage of local content offered:

***NB:** This is a Rates-Based Tender for Ad-Hoc Services, bidders will be required to ensure adherence to their offered percentage local content throughout the Term of the contract

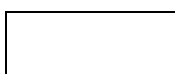
Designated Products	Minimum Threshold Local Content (%)	% Local Content Offered by the Bidder
Electric Cable and Meters	70%	
Steel Pipe Fittings and Specials	100%	
Cement	100%	
Taps	70%	



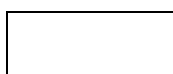
Contractor



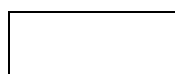
Witness 1



Witness 2



Employer



Witness 1



Witness 2

4. Does any portion of the services, works or goods offered have any imported content?
(**Tick applicable box**)

YES		NO	
-----	--	----	--

4.1 If yes, the rate(s) of exchange to be used in this bid to calculate the local content as prescribed in paragraph 1.5 of the general conditions must be the rate(s) published by the SARB for the specific currency at 12:00 on the date of advertisement of the bid.

The relevant rates of exchange information is accessible on www.reservebank.co.za.

Indicate the rate(s) of exchange against the appropriate currency in the table below (refer to Annex A of SATS 1286:2011):

Currency	Rates of exchange
US Dollar	
Pound Sterling	
Euro	
Yen	
Other	

NB: Bidders must submit proof of the SARB rate (s) of exchange used.

5. Were the Local Content Declaration Templates (Annex C, D and E) audited and certified as correct?
(**Tick applicable box**)

YES		NO	
-----	--	----	--

5.1. If yes, provide the following particulars:

- (a) Full name of auditor: _____
- (b) Practice number: _____
- (c) Telephone and cell number: _____
- (d) Email address: _____

(Documentary proof regarding the declaration will, when required, be submitted to the satisfaction of the Accounting Officer / Accounting Authority)

6. Where, after the award of a bid, challenges are experienced in meeting the stipulated minimum threshold for local content the DTI must be informed accordingly in order for the DTI to verify and in consultation with the Accounting Officer / Accounting Authority provide directives in this regard.

--

Contractor

--

Witness 1

--

Witness 2

--

Employer

--

Witness 1

--

Witness 2

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 NO. ERW202109/TNDR-003

ISSUED BY: ERWAT

NB

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.

2 Guidance on the Calculation of Local Content together with Local Content Declaration Templates (Annex C, D and E) is accessible on <http://www.thedti.gov.za/industrial development/ip.jsp>. 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.

I, the undersigned _____ (full names),

do hereby declare, in my capacity as _____

of _____ (name of bidder entity), the following:

- (a) The facts contained herein are within my own personal knowledge.
- (b) I have satisfied myself that
 - (i) the goods/services/works to be delivered in terms of the above-specified bid comply with the minimum local content requirements as specified in the bid, and as measured in terms of SATS 1286:2011; and
 - (ii) the declaration templates have been audited and certified to be correct.
- (a) The local content percentages (%) indicated below 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 which has been consolidated in Declaration C;

 Contractor

 Witness 1

 Witness 2

 Employer

 Witness 1

 Witness 2

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	

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, 2011 promulgated under the Preferential Policy Framework Act (PPPFA), 2000 (Act No. 5 of 2000).

SIGNATURE: _____

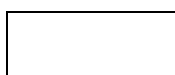
DATE: _____

WITNESS No. 1 _____

DATE: _____

WITNESS No. 2 _____

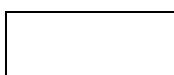
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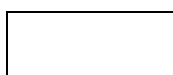
Contractor



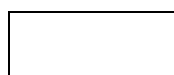
Witness 1



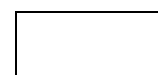
Witness 2



Employer



Witness 1



Witness 2

CONTRACT FORM: RENDERING OF SERVICES**MBD7.2**

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

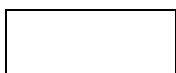
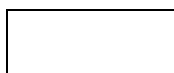
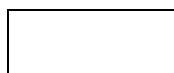
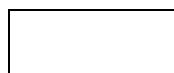
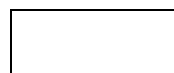
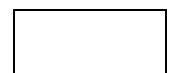
PART 1 (TO BE FILLED IN BY THE BIDDER)

1. I hereby undertake to render services described in the attached bidding documents to (name of the institution) _____ in accordance with the requirements and task directives / proposals specifications stipulated in Bid Number **ERW2403/01** 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 date of the bid.
2. The following documents shall be deemed to form and be read and construed as part of this agreement:
 - (i) Bidding documents, viz
 - Invitation to bid;
 - Pricing schedule(s);
 - Technical Specification(s);
 - Preference claims for Broad Based Black Economic Empowerment Status Level of Contribution in terms of the Preferential Procurement Regulations 2022;
 - Declaration of interest;
 - Declaration of bidder's past SCM practices;
 - Certificate of Independent Bid Determination;
 - Special Conditions of Contract;
 - (ii) General Conditions of Contract
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 services 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) _____**CAPACITY** _____**SIGNATURE** _____**NAME OF FIRM** _____**DATE** _____**WITNESSES**

1. _____

2. _____

DATE: _____*Contractor**Witness 1**Witness 2**Employer**Witness 1**Witness 2*



MBD7.2

CONTRACT FORM: RENDERING OF SERVICES**PART 2 (TO BE FILLED IN BY THE ERWAT REPRESENTATIVE)**

1. I _____ in my capacity as _____ accept your bid under reference number: ERW2403/01 dated _____ for the rendering of services indicated hereunder and/or further specified in the annexure(s).
2. An official order indicating service delivery instructions is forthcoming.
3. I undertake to make payment for the services rendered in accordance with the terms and conditions of the contract, within 30 (thirty) days after receipt of an invoice.

ITEM NO.	DESCRIPTION OF SERVICE	PRICE (ALL APPLICABLE TAXES INCLUDED)	COMPLETION DATE	B-BBEE STATUS LEVEL OF CONTRIBUTION	MINIMUM THRESHOLD FOR LOCAL PRODUCTION AND CONTENT (if applicable)
	<i>Kindly refer to the pricing schedule/BOQ*</i>	<i>Kindly refer to the pricing schedule/BOQ*</i>	<i>Determined in the Service Level Agreement</i>	<i>Refer to MBD 6.1</i>	<i>Refer to MBD 6.1</i>

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

4. I confirm that I am duly authorized to sign this contract.

NAME (PRINT) _____

CAPACITY _____

SIGNATURE _____

NAME OF FIRM _____

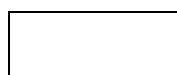
DATE _____

WITNESSES

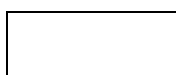
1. _____

2. _____

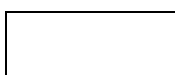
DATE: _____



Contractor



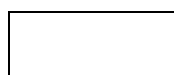
Witness 1



Witness 2



Employer



Witness 1



Witness 2

MBD 8

DECLARATION OF BIDDER'S PAST SUPPLY CHAIN MANAGEMENT PRACTICES

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

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

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

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

CERTIFICATION

I, THE UNDERSIGNED (FULL NAME _____)

CERTIFY THAT THE INFORMATION FURNISHED ON THIS DECLARATION FORM IS TRUE AND CORRECT.

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

SIGNATURE ON BEHALF OF BIDDER

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

MBD 9

CERTIFICATE OF INDEPENDENT BID DETERMINATION

1. This Municipal Bidding Document (MBD) must form part of all bids¹ invited.
2. Section 4 (1) (b) (iii) of the Competition Act No. 89 of 1998, as amended, prohibits an agreement between, or concerted practice by, firms, or a decision by an association of firms, if it is between parties in a horizontal relationship and if it involves collusive bidding (or bid rigging).² Collusive bidding is a *per 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

CERTIFICATE OF INDEPENDENT BID DETERMINATION

I, the undersigned, in submitting the accompanying bid:

DESCRIPTION: ERW2403/01: THE APPOINTMENT OF SERVICE PROVIDER TO PROVIDE GENERAL REPAIRS AND MAINTENANCE OF BUILDINGS FOR VARIOUS ERWAT SITES OVER A FIXED PERIOD ON 'AN AS AND WHEN REQUIRED' BASIS

in response to the invitation for the bid made by:

EKURHULENI WATER CARE COMPANY (ERWAT)

(Name of Municipality/Entity)

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

I certify, on behalf of _____ (Name of Bidder) that:

1. I have read and I understand the contents of this Certificate;
2. I understand that the accompanying bid will be disqualified if this Certificate is found not to be true and complete in every respect;
3. I am authorized by the bidder to sign this Certificate, and to submit the accompanying bid, on behalf of the bidder;
4. Each person whose signature appears on the accompanying bid has been authorized by the bidder to determine the terms of, and to sign, the bid, on behalf of the bidder;
5. For the purposes of this Certificate and the accompanying bid, I understand that the word "competitor" shall include any individual or organization, other than the bidder, whether or not affiliated with the bidder, who:
 - (a) has been requested to submit a bid in response to this bid invitation;
 - (b) could potentially submit a bid in response to this bid invitation, based on their qualifications, abilities or experience; and
 - (c) provides the same goods and services as the bidder and/or is in the same line of business as the bidder
6. The bidder has arrived at the accompanying bid independently from, and without consultation, communication, agreement or arrangement with any competitor. However, communication between partners in a joint venture or consortium³ will not be construed as collusive bidding.
7. In particular, without limiting the generality of paragraphs 6 above, there has been no consultation, communication, agreement or arrangement with any competitor regarding:
 - (a) prices;
 - (b) geographical area where product or service will be rendered (market allocation)
 - (c) methods, factors or formulas used to calculate prices;
 - (d) the intention or decision to submit or not to submit, a bid;
 - (e) the submission of a bid which does not meet the specifications and conditions of the bid; or
 - (f) bidding with the intention not to win the bid.

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

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 BID

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

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:

(TO BE COMPLETED BY THE LANDLORD)

Name of the Landlord:

Property Physical Address:

Please tick below

Rental: in arrears for more than 3 months

Municipal services: in arrears for more than 3 months

Yes

No

Landlord Signature:

Date: _____

Landlord's business stamp here (where applicable)

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

FORM B

**CONFIRMATION OF REGISTRATION ON NATIONAL TREASURY CENTRALISED
SUPPLIER DATABASE**

CONFIRMATION OF CSD VENDOR INFORMATION		
1	VENDOR NAME	
2	CSD APPROVED NUMBER	M _____
3	COMPANY REG NUMBER	
4	COMPANY TAX NUMBER	
5	COMPANY VAT NUMBER	
6	CONTACT PERSON	
7	OFFICE TEL. NUMBER	
8	OFFICE FAX NUMBER	
9	E-MAIL ADDRESS	
10	CELL NUMBER	

I, _____ in my capacity as _____
being the

authorized signatory, hereby declare that the above information is true and correct.

AUTHORISED SIGNATORY DESIGNATION

NAME AND SURNAME

RESOLUTION DATE: AUTHORISED SIGNATORY APPOINTMENT

SIGNATURE

DATE

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

FORM C

AUTHORITY OF SIGNATORY TO SIGN BIDS

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

Company: A resolution by its board of directors authorizing a director or other official of the company to sign the documents on behalf of the company.

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

Partnership: All the partners shall sign the documents unless one partner or a group of partners has been authorized to sign on behalf of each partner, in which case proof of such authorization shall be included in the bid.

Joint Venture: 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 authorized 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 responsible for Bid Document process:

Name :

Contact number:

Office address:

Signatories for close corporations and companies shall confirm their authority by attaching to this form a **duly signed and dated original or certified copy on the Company Letterhead** of the relevant resolution of their members or their board of directors, as the case may be.

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

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 CAPITALS)

SIGNED ON BEHALF OF THE COMPANY _____

IN HIS CAPACITY AS _____

DATE _____

FULL NAMES OF SIGNATORY _____

AS WITNESSES: 1. _____

2. _____

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

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

We, the undersigned, are submitting this Bid Document offer in Joint Venture and hereby authorise Mr/Ms _____, authorised signatory of the company _____, acting in the capacity of lead partner, to sign all documents in connection with the Bid Document offer an any contract resulting from it on our behalf.

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

N.B.: THE DULY SIGNED AND DATED ORIGINAL OR CERTIFIED COPY OF AUTHORITY OF SIGNATORY ON COMPANY LETTERHEAD SHOULD BE INCLUDED IN THE RETURNABLE DOCUMENTS PACK.

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

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:	<table border="1"> <tr> <td>0-6 months</td> <td></td> </tr> <tr> <td>7-12 months</td> <td></td> </tr> <tr> <td>13-24 months</td> <td></td> </tr> <tr> <td>More than 24 months</td> <td></td> </tr> </table>	0-6 months		7-12 months		13-24 months		More than 24 months		(Tick which is appropriate)	
0-6 months											
7-12 months											
13-24 months											
More than 24 months											

Signature on behalf of Bidder

N.B.: ORIGINAL LETTER FROM BANK OR BANK STATEMENT (NOT OLDER THAN THREE MONTHS) SHOULD BE INCLUDED IN THE RETURNABLE DOCUMENTS PACK.

--

Contractor

--

Witness 1

--

Witness 2

--

Employer

--

Witness 1

--

Witness 2

FORM E

RECORD OF ADDENDA TO BID DOCUMENTS

We confirm 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

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 passed at a meeting held on _____ 20 _____,

Mr//Ms _____ whose signature

appears below, has been duly authorised to sign the AGREEMENT IN TERMS OF THE

OCCUPATIONAL HEALTH AND SAFETY ACT, 1993 (ACT 85 OF 1993) on behalf of

SIGNED ON BEHALF OF THE COMPANY : _____

IN HIS/HER CAPACITY AS : _____

DATE : _____

SIGNATURE OF SIGNATORY : _____

WITNESS: _____ **WITNESS:** _____

NAME (in capitals): _____ **NAME:** _____

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

FORM G

OCCUPATIONAL HEALTH AND SAFETY AGREEMENT /PLAN (WHERE APPLICABLE)

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

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

FORM J

LETTER OF INTENT TO SUBMIT THIRD PARTY LIABILITY INSURANCE AND ALL RISK CONTRACTOR'S INSURANCE TO COVER THIS CONTRACT

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

FORM K

DOCUMENTS EXPERTISE OF THE KEY PERSONNEL

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

FORM L

COPY OF COMPANY REGISTRATION DOCUMENTS

**INCLUDE THE FOLLOWING DOCUMENTS IN THE SUPPORTING DOCUMENTS
FILE TO BE SUBMITTED WITH THE ORIGINAL BIDDING DOCUMENT**

1. **FOR CLOSED CORPORATIONS**

CK1 or CK2 as applicable (Founding Statement).

2. **FOR COMPANIES**

- A copy of the Certificate of Incorporation
- Certified Copies of the ID's of the Directors and
- The shareholders' register.

3. **JOINT VENTURES, TRUSTS OR CONSORTIUM**

- Copy of the Joint Venture Agreement between all the parties,
- As well as the documents in (1) or (2) and (5) of each Joint Venture member.

A trust, consortium or joint venture, will be able to claim for points for their specific goals provided that the entity submits a valid signed agreement.

Bidders must submit concrete proof of the existence of joint ventures and/or consortium arrangements. National Treasury will accept signed agreements as acceptable proof of the existence of a joint venture and/or consortium arrangement.

The joint venture and/or consortium agreements must clearly set out the roles and responsibilities of the Lead Partner and the joint venture and/or consortium party. The agreement must also clearly identify the Lead Partner, with the power of attorney to bind the other party/parties in respect of matters pertaining to the joint venture and/or consortium arrangement.

4. **FOR PARTNERSHIP**

- Certified Copies of the ID's of the partners

5. **ONE-PERSON BUSINESS / SOLE TRADER/SOLE PROPRIETOR**

- Certified Copy of ID

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

BACKGROUND AND WORK EXPERIENCE (PREVIOUS EXPERIENCE)

Provide the following information on **relevant** previous experience (**indicate specifically** projects of similar or larger size and/or which is similar with regard to type of work. 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 will render your bid invalid and will result in the bidder being 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.

[illegible]

FORM N

POPIA CONSENT FORM

PROTECTION OF PERSONAL INFORMATION ACT, 4 OF 2013

By signing this referral form:

- a) I/we hereby grant my/our voluntary consent that my/our personal information may be processed, collected, used and disclosed in compliance with the Protection of Personal Information Act, 4 of 2013.
- b) I/we furthermore agree that my/our personal information may be used for the lawful and reasonable purposes in as far as the ERWAT (responsible party) must use my/our information in the performance of its public legal duty.
- c) I/we understand that my/our personal information may be disclosed to a third party in as far as the ERWAT must fulfil its public legal duty.
- d) I/we furthermore understand that there are instances in terms of abovementioned Act where my express consent is not necessary to permit the processing of personal information, which may be related to litigation or when the information is publicly available. Further details are available on the ERWAT website.

Company name: _____

Company address: _____

Name& Surname of Representative: _____

Signature Of Bidder: _____

Designation: _____

Date: _____

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2



PROJECT NO: ERW2403/01

THE APPOINTMENT OF CONTRACTORS TO PROVIDE GENERAL BUILDING REPAIRS AND MAINTENANCE OF BUILDINGS FOR VARIOUS ERWAT SITES OVER A FIXED PERIOD ON 'AN AS AND WHEN REQUIRED' BASIS

C. AGREEMENTS AND CONTRACT DATA

Part C1: Agreements and Contract Data

- C1.1 Form of Offer and Acceptance
- C1.2 Contract Data
- C1.3 Performance Management System
- C1.4 ERWAT Indemnity
- C1.5 Corporate Governance Breach Clause

Part C2: Pricing Data

- C2.1 Pricing Instructions
- C2.2 Schedule of Quantities

Part C3: Scope of Work

- C3.1 Scope of Work

Part C4: Site Information

- C4 Site Information

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2



PROJECT NO: ERW2403/01
THE APPOINTMENT OF CONTRACTORS TO PROVIDE GENERAL BUILDING REPAIRS AND MAINTENANCE OF BUILDINGS FOR VARIOUS ERWAT SITES OVER A FIXED PERIOD ON 'AN AS AND WHEN REQUIRED' BASIS

C1 AGREEMENTS AND CONTRACT DATA

Part C1: Agreements and Contract Data

- C1.1 Form of Offer and Acceptance
- C1.2 Contract Data
- C1.3 Performance Management System
- C1.4 Occupational Health and Safety
- C1.5 Corporate Governance Breach Clause

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

C1.1 FORM OF OFFER AND ACCEPTANCE

OFFER

The Employer, identified in the Acceptance signature block, has solicited offers to enter in contract in respect of the following works: **PROJECT NO: ERW2403/01: THE APPOINTMENT OF CONTRACTORS TO PROVIDE GENERAL REPAIRS AND MAINTENANCE OF BUILDINGS FOR VARIOUS ERWAT SITES OVER A FIXED PERIOD ON 'AN AS AND WHEN REQUIRED' BASIS**

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

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 Tender 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 organisation)

Name & Signature

Of Witness
Name Date

ACCEPTANCE

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.

The terms of the contract are contained in:

- Agreements and Contract Data (which includes this Agreement)
- Pricing Data
- Scope of Work
- Site information

And drawings and documents or parts thereof, which may be incorporated by reference into above stated terms.

Deviations from and amendments to the documents listed in the Tender Data and any addenda thereto listed in the Tender 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 two weeks after receiving a completed copy of this Agreement, including the Schedule of Deviations (if any), contact the Employer (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 original copy of this document, 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)

Name(s)

Capacity

For the Employer
(Name and address of organisation)

Name & Signature

Of Witness
Name Date

SCHEDULE OF DEVIATIONS

Notes:

1. The extent of deviations from the tender documents issued by the Employer prior to the tender closing date is limited to those permitted in terms of the Conditions of Tender.
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 Tender documents and which it is agreed by the Parties becomes an obligation of the contract, shall also be recorded here.
4. Any change or addition to the tender documents arising from the above agreements and recorded here shall also be incorporated into the final draft of the Contract.

1 Subject

Details.....

.....

2 Subject

Details.....

.....

3 Subject

Details.....

.....

4 Subject

Details.....

.....

5 Subject

Details.....

.....

By the duly authorised representatives signing this Schedule of Deviations, the Employer and the Bidder agree to and accept the foregoing Schedule of Deviations as the only deviations from and amendments to the documents listed in the Tender Data and addenda thereto as listed in the Tender Schedules, as well as any confirmation, clarification or change to the terms of the Offer agreed by the Bidder and the Employer during this process of Offer and Acceptance.

It is expressly agreed that no other matter whether in writing, oral communication or implied during the period between the issue of the Tender documents and the receipt by the 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:

Signature(s)
Name(s)
Capacity
For the Bidder
(Name and address of organisation)

Name & Signature
Of Witness
Name Date

FOR THE EMPLOYER

Signature(s)
Name(s)
Capacity
For the Employer
(Name and address of organisation)

Name & Signature
Of Witness
Name Date

C1.2 CONTRACT DATA

GENERAL CONDITIONS OF CONTRACT

This Contract will be based on the "General Conditions of Contract for Construction Works *General Conditions of Contract 2015 (GCC 2015, Third Edition)*

Documents can be ordered from SAICE who can be contacted through their website www.saice.org.za. Physical address: SAICE House, Block 9, Thornhill Office Park, Bekker Street, Midrand, Johannesburg. Telephone number: (011) 805 5947.

It is agreed that the only variations from the General Conditions of Contract 2015 are those set out hereafter under "Special Conditions of Contract".

SPECIAL CONDITIONS OF CONTRACT

These Special Conditions of Contract (SCC) form an integral part of the Contract. The Special Conditions of Contract shall amplify, modify or supersede, as the case may be, the General Conditions of Contract 2015 to the extent specified below, and shall take precedence and shall govern.

The clauses of the Special Conditions hereafter are numbered "SCC" followed in each case by the number of the applicable clause or subclause in the General Conditions of Contract 2015, and the applicable heading, or (where a new special condition that has no relation to the existing clauses is introduced) by a number that follows after the last clause number in the General Conditions, and an appropriate heading.

"The Special Conditions of Contract are supplementary to that of the General Conditions of Contract. In the 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."

The contract will commence on the last signature date of the Service Level Agreement.

If the tender is found to be unauthorised, fruitless and wasteful or irregular as informed through a formal investigation, internal and or external audit outcome, the Auditor General, Council, ERWAT Board of Directors or National Treasury, ERWAT reserves the right to cancel the tender with immediate effect and the bidder will have no claim to his affect whatsoever. The final terms of payment (where applicable) will be negotiated with the bidder at the time for final close out of the contract.

AMENDMENTS TO THE GENERAL CONDITIONS OF CONTRACT

DATA PROVIDED BY THE EMPLOYER

Clause	Data
	<p>Definitions</p> <p>The definitions contained in Clause 1.1 are hereby amended and/or supplemented as follows:</p>
SCC 1.1.1.13	<p>The Defects Liability Period is 12 months from the date of the Certificate of Completion.</p> <p>The Defects Liability Period is 12 months from the date of the Certificate of Completion per installation. With regards to specific services for example Painting. Specific guarantee periods will be applicable based on the supplier's product specification. All guarantees and/or warranties from suppliers must be honoured by the bidder on behalf of ERWAT for the duration of the product or work or services period. Details will be finalised during Service Level Agreement (SLA).</p>
SCC 1.1.1.14	<p>The Works shall be completed within 36 months from the commencement date on an "as and when required basis".</p> <p>The Purchase Orders of the Works shall be placed within 36 months from the commencement date on an "as and when required basis".</p>
SCC 1.1.1.15 1.2.1.2	<p>The Name of the Employer is ERWAT</p> <p>The address of the Employer is:</p> <p>The Managing Director Hartebeestfontein Office Park R25 (Bapsfontein/Bronkhorstspuit) Kempton Park</p> <p>Telephone: 011 929 7000</p>
SCC 1.1.1.26	<p>The Pricing Strategy is Re-measurement Contract</p>
3.2.2	<p>DELETE AND REPLACE WITH:</p> <p>"Whenever the Employer's Agent intends, in terms of the contract, to exercise any discretion, or make or issue any ruling, contract interpretation or price determination, he shall first consult with the Employer and thereafter with the Contractor in an attempt to reach agreement. Failing agreement, the Employer's Agent shall advise the Employer on contractual issues where after the Employer will make a final decision based on the advice of the Agent read with the MFMA. Only then will the Agent be allowed to issue a final instruction to the contractor."</p>
SCC 3.2.3	<p>Add the following:</p> <p>Approval of the Employer is required for:</p> <p>i). Cessions – issuing of cessions by the Contractor is expressly prohibited except if and when prior written approval of the Employer under the signature of the Accounting Officer for the issue of the cession has been requested and obtained. (Subject to the provisions of National Treasury MFMA circular 120 of 2022)</p>

Clause	Data
	<p>ii). Use of contingencies – for all items for which rates have not been approved in terms the contract.</p> <p>iii). Extension of Time – extension of time can only be granted by the Employer.</p>
SCC 4.1.2	<p>Add the following:</p> <p>“When completed, the parts of the works designed by the Contractor, to the extent specified in the Contract, shall be fit for the purposes for which the Works are intended”</p>
SCC 4.3.3	<p>Add the following:</p> <p>“The Special Conditions of Contract are supplementary to that of the General Conditions of Contract. In the 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”</p>
SCC 4.4.1	<p>Add the following:</p> <p>The Contractor is to submit to the Employer in writing a request for appointment of a particular sub-contractor. Accompanying this request is to be the full detail of the sub-contractor, including:</p> <ul style="list-style-type: none"> ▪ Previous experience ▪ Work which will be sub-contracted to him/her ▪ Approximate value of the work to be sub-contracted <p>Before the Employer in terms of Clause 6.10 hereof issues any certificate that includes any payment in respect of work done or goods supplied by any sub-contractor appointed in accordance with the provisions of Clause 4.4 of the General Conditions of Contract for Construction works (2015, Third Edition), he shall be entitled to call upon the Contractor to furnish reasonable proof that all payments (less retention moneys) included in previous certificates in respect of the work or goods of such sub-contractors have been made or discharged by the Contractor, in default of which, unless the Contractor:</p> <ul style="list-style-type: none"> ▪ Informs the Employer in writing that he has reasonable cause for withholding or refusing such payment; and ▪ Submits to the Employer reasonable proof that he has so informed such sub-contractor in writing.
SCC 4.9.1	<p>Add the following:</p> <p>“All equipment on site shall be in a good working order and is to be in such a condition that it can achieve production rates which are typical of the industry standards.</p> <p>Should any equipment, in the opinion of the Employer, be substandard or breaks down frequently to such an extent that it affects the progress on the project, the Employer may instruct the Contractor to replace such equipment.”</p>
SCC 5.3.1	<p>Add the following to 5.3.1:</p> <p>The documentation required before Commencement of the Works are:</p> <ul style="list-style-type: none"> • Health & Safety Plan (Refer to Cl. 4.3 of GCC 3rd Ed 2015) • Initial Programme (Refer to Cl. 5.6 of GCC 3rd Ed 2015) • Security (Deed of Guarantee) (refer to Cl. 6.2 of GCC 3rd Ed 2015)

Clause	Data
	<ul style="list-style-type: none"> Insurances (Refer to Cl. 8.6 of GCC 3rd Ed 2015)
SCC 5.3.3	<p>Add the following:</p> <p>The time to the documentation required before Commencement of the Works execution is 28 days</p>
SCC 5.4.1	<p>Add the following:</p> <p>The Commencement Date shall be the date the contractor is given possession of site.</p>
SCC 5.8.1	<p>Add the following:</p> <p>The special non-working days are the official builder's holiday plus all statutory public holidays.</p>
SCC 5.12	<p>Add the following:</p> <p>A delay caused by inclement weather conditions will be regarded as a delay only if, in the opinion of the Employer, all progress on an item or items of work on the critical path of the working programme of the contractor has been brought to a halt.</p> <p>Delays on working days only (based on a five-day working week) will be taken into account for the extension of time, but the Contractor shall make provision in his programme of work for an expected delay of "n" working days caused by normal rainy weather, for which he will not receive any extension of time, where "n" equals 5 days.</p> <p>Extension of time during working days will be granted to the degree to which actual delays, as defined above, exceed the number of "n" workings days.</p>
SCC 5.12.2.1	<p>Add the following:</p> <p>Extensions of time in respect of clause 5.12 in respect of abnormal rainfall shall be calculated using the following formula for each calendar month or part thereof:</p> $V = (Nw - Nn) + \frac{(Rw - Rn)}{X}$ <p>Where:</p> <p>V = Extension of time in calendar days in respect of the calendar month under consideration.</p> <p>Nw = Actual number of days during the calendar month on which a rainfall of 10 mm or more has been recorded.</p> <p>Nn = Average number of days in the relevant calendar month, as derived from existing rainfall records, on which a rainfall of 20mm or more has been recorded for the calendar month.</p> <p>Rw = Actual average rainfall in mm recorded for the calendar month under consideration.</p> <p>Rn = Average rainfall in mm for the calendar month as derived from existing rainfall records as stated in the Site Information.</p> <p>For purposes of the Contract Nn, Rn, X and Y shall have those values assigned to them in the South African Weather Service's rainfall records of the nearest station to the site.</p>

Clause	Data
	<p>If V is negative and its absolute value exceeds Nn, then V shall be taken as equal to minus Nn.</p> <p>The total extension of time shall be the algebraic sum of all monthly totals for the period under consideration, but if the total is negative the time for completion shall not be reduced due to subnormal rainfall. Extensions of time for part of a month shall be calculated using pro rata values of Nn and Rn.</p> <p>This formula does not take account flood damage which could cause further or concurrent delays and will be treated separately as far as extension of time is concerned.</p> <p>The factor (Nw – Nn) shall be considered to represent a fair allowance for variations from the average in the number of days during which rainfall exceeds 10 mm. The factor (Rw-Rn) shall be considered to represent a fair allowance for variations from the average in the number of days during which the rainfall did not exceed 10 mm but wet conditions prevented or disrupted work.</p> <p>For the purpose of applying the formula, accurate rain gauging shall be taken at a suitable point on the Site and the Contractor shall at his own expense, take all necessary precautions to ensure that rain gauges cannot be interfered with by unauthorized persons.</p>
SCC 5.13.1	<p>Add the following:</p> <p>The penalty for failing to complete the works shall be calculated as follows; Purchase Order value multiply 0.04% per day</p>
SCC 6.2.1	<p>Add the following:</p> <p>The Security to be provided by the Contractor shall be the Performance guarantee liability of 10% of the Purchase Order. This guarantee shall be delivered within 21 days of the Commencement Date.</p>
SCC 6.2.2	<p>Add the following:</p> <p>The Form of Guarantee is to contain the wording of the pro-forma document included in the General Conditions of Contract (Pro-forma included in section C1.3 to this document).</p> <p>Form of Guarantee: construction guarantee: the successful bidder will be required to submit a construction guarantee that is equal to 10% of the total contract value all-inclusive and must be submitted to the SCM office within 10 working days from date of appointment. Only original guarantees issued by an accredited and registered financial institution will be accepted and will only be released on final completion of works.</p>
SCC 6.9.1	<p>All materials shall comply with the requirements of the South African Bureau of Standards and shall bear the official standardization mark. Where SABS standard does not exist for a certain material, or a material does not bear the official standardization mark, the Client's Representatives approval of such material must be gained before use thereof. All current legislative and regulatory requirements will be applicable to all items supplied in relation to the pricing schedule.</p>
SCC 6.10.1.5	<p>Add the following:</p> <p>The percentage advance on materials not yet built into the Permanent Works but received on site is 80%.</p>

Clause	Data
SCC 6.10.3	<p>Add the following:</p> <p>The percentage retention on the amounts due to the Contractor is 10%.</p>
SCC 6.10.3	<p>Add the following:</p> <p>The limit of retention money is 10% of the purchase order value.</p>
SCC 7.2.1	<p>Add the following:</p> <p>All materials shall comply with the requirements of the South African Bureau of Standards and shall bear the official standardization mark. Where SABS/SANS/ISO standard does not exist for a certain material, or a material does not bear the official standardization mark, the Employers approval of such material must be gained before use thereof.</p>
SCC 8.6.1.1.2	<p>Add the following:</p> <p>The value of the materials supplied by the Employer to be included in the insurance sum is nil.</p>
SCC 8.6.1.1.3	<p>Add the following:</p> <p>The required insured amount to cover professional fees for repairing damaged infrastructure and equipment and loss of time on the construction schedule is to be 15% of the Purchase Order value.</p>
SCC 8.6.1.3	<p>Add the following:</p> <p>The limit of indemnity for liability insurance is 10 % of Purchase Order value. Public Liability Insurance to a minimum of R5 million to be provided.</p>
SCC 9.2.1	<p>Add the following:</p> <p>If the tender is found to be unauthorised, fruitless and wasteful or irregular as informed through a formal investigation, internal and or external audit outcome, the Auditor General, Council, ERWAT Board of Directors or National Treasury, ERWAT reserves the right to cancel the tender with immediate effect and the bidder will have no claim to his affect whatsoever. The final terms of payment (where applicable) will be negotiated with the bidder at the time for final close out of the contract.</p>

PART 2: DATA PROVIDED BY THE CONTRACTOR

Sub- Clause	Data
1.1.17	<p>The Contractor is:</p> <p>Name:</p> <p>The Address of the Contractor is:</p> <p>Address (physical): </p> <p>Address (postal): </p> <p>Telephone:</p> <p>Facsimile:</p> <p>E-mail:</p>
1.1.22	<p>Contractors Representative</p> <p>Name:</p> <p>Telephone:</p> <p>Facsimile:</p> <p>E-mail:</p>

C1.3 FORM OF GUARANTEE

PROJECT NO: ERW2403/01

THE APPOINTMENT OF A PANEL OF SERVICE PROVIDERS TO PROVIDE GENERAL REPAIRS AND MAINTENANCE OF BUILDINGS FOR VARIOUS ERWAT SITES OVER A FIXED PERIOD ON 'AN AS AND WHEN REQUIRED' BASIS

WHEREAS

at
(Hereinafter referred to as "the Employer")

Entered into, on the day of 20, at

a Contract with

at
(Hereinafter referred to as "the Contractor")

for the construction of

AND WHEREAS it is provided by such Contract that the Contractor shall provide the Employer with security by way of surety ship for the due and faithful fulfilment of such Contract by the Contractor;

AND WHEREAS
has/ have at the request of the Contractor, agreed to give such security;

NOW THEREFORE WE, hereby guarantee and bind ourselves jointly and severally as Sureties and Co-Principal Debtors to the Employer under renunciation of the benefits of division and excursion for the due and faithful performance by the Contractor of all the terms and conditions of the said Contract, subject to the following conditions.

1. The Employer shall, without reference and/or notice to us, have complete liberty of action to act in any manner authorised and/or contemplated by the terms of the said contract, and/or to agree to any modifications, variations, alterations, directions or extensions of the Due Completion Date of the Works under the said Contract, and that its rights under this guarantee shall in no way be prejudiced nor our liability hereunder be affected by reason of any steps which the Employer may take under such Contract, or of any modification, variation, alterations of the Due Completion Date which the Employer may make, give, concede or agree to under the said Contract.
2. The Employer shall be entitled, without reference to us, to release any securities held by it, and to give time to or compound or make any other arrangement with the Contractor.
3. This guarantee shall remain in full force and effect until the issue of the Certificate of Completion in terms of the Contract, unless we are advised in writing by the Employer before the issue of the said Certificate of his intention to institute claims, and the particulars thereof, in which event this guarantee shall remain in full force and effect until all such claims have been paid or liquidated.
4. Our total liability hereunder shall not exceed the sum of (R).

5. We hereby choose *domicilium citandi et executandi* for all purposes arising hereof at

IN WITNESS WHEREOF this guarantee has been executed by us at on this
day of ... 20.....

As witnesses:

1. Signature
2. Signature

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

Address

.....
.....
.....

C1.4 OCCUPATIONAL HEALTH AND SAFETY

AGREEMENT IN TERMS OF THE OCCUPATIONAL HEALTH AND SAFETY ACT, 1993 (ACT NO 85 OF 1993)

THIS AGREEMENT IS made at

on the day of in the year

Between EKURHULENI WATER CARE COMPANY (ERWAT) (hereinafter called "the Employer") of the one part, herein represented by

In his capacity 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

(hereinafter called "the Mandatory") of the other part, herein represented by

.....
in his capacity as

and being duly authorized by virtue of a resolution appended hereto as Annexure A;

WHEREAS the Employer requires certain works be constructed, viz **ERW2403/01 THE APPOINTMENT OF CONTRACTORS TO PROVIDE GENERAL REPAIRS AND MAINTENANCE OF BUILDINGS FOR VARIOUS ERWAT SITES OVER A FIXED PERIOD ON 'AN AS AND WHEN REQUIRED' BASIS** and has accepted a Bid by the Mandatory for the construction, completion and maintenance of such Works and whereas the Employer and the Mandatory have agreed to certain arrangements and procedures to be followed in order to ensure compliance by the Mandatory with the provisions of the Occupational Health and Safety Act, 1993 (Act 85 of 1993).

NOW THEREFORE THIS AGREEMENT WITNESSED AS FOLLOWS:

- 1 The Mandatory shall execute the work in accordance with the Contract Documents pertaining to this Contract.
- 2 This Agreement shall hold good from its Commencement Date, which shall be the date of a written notice from the Employer or engineer requiring him to commence the execution of the Works, to either –
 - (a) the date of the Final Approval Certificate issued in terms of Clause 5.16 of the General Conditions of Contract 2015 (hereinafter referred to as "the GCC"), as contained in the Contract Documents pertaining to this Contract, or
 - (b) The date 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
 - (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.

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

Witness

(Name)
(Print)

(Name)
(Print)

SIGNED FOR AND ON BEHALF OF THE MANDATORY.....:

Witness

Witness

(Name)
(Print)

(Name)
(Print)

ANNEXURE A

CERTIFICATE OF AUTHORITY FOR SIGNATORY TO AGREEMENT IN TERMS OF 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 passed at a meeting held on 20.....,

Mr//Ms whose signature

appears below, has been duly authorised to sign the AGREEMENT IN TERMS OF THE

OCCUPATIONAL HEALTH AND SAFETY ACT, 1993 (ACT 85 OF 1993) on behalf of

.....

SIGNED ON BEHALF OF THE COMPANY :

IN HIS/HER CAPACITY AS :

DATE :

SIGNATURE OF SIGNATORY :

WITNESS : WITNESS :

NAME (in capitals): NAME:

C1.5 CORPORATE GOVERNANCE BREACH CLAUSE

1. Ekurhuleni Water Care Company ("ERWAT") requires [insert name of company] ("the Company") to comply, mutatis mutandis with the Code contained in the King III Report and Code of Good Corporate Governance (below "the Code") for the term of this Agreement and any extension thereof.
2. The Company irrevocably undertakes and agrees that it will, mutatis mutandis, comply with the Code for the term of this Agreement and any extensions thereof.
3. The Company acknowledges and agrees that:
 - 3.1 It is essential that the Company complies with the Code, in order to discharge all of its obligations under and in terms of the Agreement in a proper, efficient and professional manner, and
 - 3.2 ERWAT will be prejudiced and may suffer damages in the event of the Company failing to comply with the Code.
4. The Company shall be required, within seven (7) days of the end of each calendar month during the term of this Agreement (and any extensions thereof), to furnish ERWAT with a written certificate, signed by the directors of the Company [alternatively members of the Close Corporation], certifying that the Company has complied with the provisions of the Code during the preceding months.
5. ERWAT shall have the right, without assigning any reason therefore and at any time, to appoint either the Institute of Directors of South Africa or a firm of chartered accountants or attorneys, to conduct an audit of the business and affairs of the Company in order to ascertain whether the Company is indeed complying with the terms of the Code.

To this end, the Company irrevocably undertakes and agrees to co-operate fully with the party conducting such investigation for and on behalf of ERWAT and to make available to such party all such documentation and all such information as the investigation party may require to fully discharge its obligations under and in terms hereof and to report fully to ERWAT.

In the event of it being found that the Company is not complying with the Code, then ERWAT shall be entitled to (a) regard this as a breach of the agreement and (b) recover the costs of the investigation, on an attorney and client basis, from the Company. In the event of it being found that the Company is, in fact, discharging its obligations under and in terms of the Code, then ERWAT shall bear the costs incurred in such investigation. In either of the foregoing events, the Company shall be entitled to receive a copy of the written report once same has been concluded by the investigating party.

6. In the event of the Code being replaced with another Code (or similar document), then such replacement document shall replace the Code and a reference to the Code shall be deemed to be a reference to such replacement document. The reference to the Code shall be deemed to include any statutory codification of directors' obligations and duties which may be enacted in the Republic of South Africa at any time in the future.
7. In entering into this Agreement, the Company represents and warrants to ERWAT that it is familiar with the Code, that it fully understands and appreciates the rights, obligations and recommendations therein contained and agrees to be bound thereby as herein recorded.

Initial: _____



PROJECT NO: ERW2403/01

THE APPOINTMENT OF SERVICE PROVIDER TO PROVIDE GENERAL REPAIRS AND MAINTENANCE OF BUILDINGS FOR VARIOUS ERWAT SITES OVER A FIXED PERIOD ON 'AN AS AND WHEN REQUIRED' BASIS

C2 PRICING DATA

C2.1 Pricing Instructions

C2.2 Schedule of Quantities



PROJECT NO: ERW2403/01

THE APPOINTMENT OF A PANEL OF SERVICE PROVIDERS TO PROVIDE GENERAL REPAIRS AND MAINTENANCE OF BUILDINGS FOR VARIOUS ERWAT SITES OVER A FIXED PERIOD ON 'AN AS AND WHEN REQUIRED' BASIS

C2.1 PRICING INSTRUCTIONS

PRICING INSTRUCTIONS:

1. The Service Provider shall tender his rates considering that the employer does not commit itself to offer the Service Provider any minimum or maximum volume and or value of work during the term of the Framework Agreement.
2. The Service Provider shall ensure that a rate/amount is entered against each item in the Schedule of Rates. An item against which no rate or amount is entered shall be deemed grounds for a partially completed bid document and will lead to disqualification.
3. The rates/amounts tendered in the Schedule of Rates shall be the full inclusive rates/amounts to the Employer for the work described under the several items. Such rates/amounts shall cover all the costs and expenses that may be required in and for the construction of the work described, and shall cover the costs of all general risks, profits, overhead charges, taxes (including value-added tax), liabilities and obligations set forth or implied in the documents on which the Tender is based. The Service Provider shall ensure that all inserted rates are reasonable as these shall be used during bid evaluation and shall become the basis for payment of all work that will be carried out during the Term of the Framework Agreement.
4. The applicable Conditions of Contract, the Contract Data, the Specifications (including the Project Specifications) and the Drawings (where attached) shall be read in conjunction with the Schedule of Rates.
5. Descriptions in the Schedule of Rates are abbreviated and may differ from those in the Standardized and Project Specifications. No consideration will be given to any claim by the Contractor submitted on such a basis.
6. Unless stated to the contrary, items are measured net in accordance with the Drawings without any allowance having been made for waste.
7. For the purposes of this Schedule of Rates, the following words shall have the meanings hereby assigned to them:

Unit	:	The unit of measurement for each item of work as defined in the Standardized, Project or Particular Specifications
Quantity	:	The number of units of work for each item
Rate	:	The payment per unit of work at which the Bidder Tenders to do the work
Amount	:	The quantity of an item multiplied by the tendered rate of the (same) item
Sum	:	An amount tendered for an item, the extent of which is described in the Schedule of Rates, the Specifications or elsewhere, but of which the quantity of work is not measured in units

8. The units of measurement indicated in the Schedule of Rates are metric units. The following abbreviations may appear in the Schedule of Rates:

mm	=	millimetre
m	=	metre
km	=	kilometre
km-pass	=	kilometre-pass
m ²	=	square metre
m ² -pass	=	square metre-pass
ha	=	hectare
m ³	=	cubic metre
m ³ -km	=	cubic metre-kilometre
kW	=	kilowatt
kN	=	kilo Newton
kg	=	kilogram
t	=	ton (1 000 kg)
%	=	per cent
MN	=	mega Newton
MN-m	=	mega Newton-metre
PC Sum	=	Prime Cost Sum
Prov Sum	=	Provisional Sum

9. Payment for items which are designated to be constructed labour-intensively (either in this schedule or in the Scope of Works) will not be made unless they are constructed using labour-intensive methods. Any unauthorised use of plant to carry out work which was to be done labour-intensively will not be condoned and any works so constructed will not be certified for payment.
10. Mistakes made by the Bidder in completion of the Schedule of Rates shall not be erased or covered with correcting fluid. A line shall be drawn through the incorrect entry and the correct entry shall be written above the deletion and initialled by the Bidder. Failure to observe this Condition will lead to the Tender being disqualified.
11. **This is a Rates based contract developed under an indicative scope of work and therefore the quantities are indicated, this must not be construed as the number of items that will be utilised on this contract and ERWAT reserves the right to increase the quantities or not utilise it at all. There are no Totals set out in the pricing schedule. Work Orders will only be generated on “as and when” required basis according to the rates tendered by the service provider as contained in the Schedule of Rates.**
12. Work Orders generated on “as and when” basis shall contain estimate quantities for the proposed Works. The actual quantities of work/services rendered as finally measured and accepted and certified for payment in accordance with the applicable Conditions of Contract, and not the estimate quantities set out in the Bill of Quantities for the Works Order, will be used to determine payments to the Contractor. The validity of the Contract shall in no way be affected by differences between the quantities in the Bill of Quantities for the generated Works Order and the quantities certified for payment.

13. 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.
14. 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 2022.
15. The effect of changes in prices or law on the amounts due shall be adjusted on the following basis:
- a) No price adjustment over the first 12-month period of the Contract.
 - b) On the 12-month anniversary date of the signing of the agreement, the rates shall be adjusted by a twelve-month year on year CPI index (as published in the monthly bulletin PO141.1 of statistics South Africa) ruling on the 12-month anniversary date of the signing of the contract.
16. **Complete all 'Rates' columns on Preliminary and General section for the three indicated project sizes or values (≤R3m, >R3m but ≤R6m & >R6m but ≤R10m. If you do not fill in the rates for the Preliminary and General items, your bid will be considered incomplete and that shall be used as grounds for disqualification as stipulated in clause no 3 above**
17. It is the Main Contractor's responsibility to make sure their offered Rates are market-related such that they can in turn pay market-related Rates to subcontractors. Should there be a deficit between the Main Contractor's rates and the Subcontractor's tendered or negotiated Rates, the main Contractor will have to cover for such difference.
18. The Contractor's monthly invoice shall be accompanied by confirmation from the Engineer or his duly authorised representative that items listed for payment have been successfully executed and/or delivered as required. Failure to obtain such confirmation from the Engineer or his duly authorised representative shall result in non-payment of the Contractor's invoice until the default has been corrected or the deemed incomplete items are excluded from the invoice.
19. The Contractor shall note that payment shall only be made for Works activities successfully (delivering the end result) executed, complying with the quality requirements and provided to the Engineer or his duly authorised representative.
20. The Provisional Sums and Tendered amounts/prices shall be applicable per category per annum.
21. Provisional Sum for Other Specialist Services
The Contractor must obtain a minimum of three quotations to be approved in writing by the relevant ERWAT Project Manager before proceeding with Other Specialist Service.
22. Mark Up on items not covered under the pricing schedule is limited to a 5% on the actual price of the item, not on the pricing schedule and not on profit, will be covered under the provisional sum.
- The service provider is to be aware that ERWAT reserves the right to obtain quotes to check if the contractor is not overcharging with respect to such item/s. **The mark-up percentage will be limited to a maximum of 5% and will be considered on a case by case basis and limited to the scope.**

Bidders are required to complete the pricing schedule in full. Failure to complete the pricing in full will result in disqualification.

The following will be accepted to be a fully completed pricing schedule:

Bidders to indicate accurately:

A price is written/typed in Ink. No pencil or tippex will be accepted. Please note that where bidders opt to type in the prices, the original bid document will be accepted by ERWAT. The document is not to be retyped and no additional pricing schedule in the bidder's format will be accepted. In the event that there are two pricing schedules submitted by the bidder, the original issued document from ERWAT will prevail.

No charge = N/C

Included = Incl

Not applicable = N/A

Stike through will be accepted as no offer

R0 will be accepted as no charge.

If pricing is left blank, it will be accepted to be an incomplete pricing schedule.



PROJECT NO: ERW2403/01

THE APPOINTMENT OF A PANEL OF SERVICE PROVIDERS TO PROVIDE GENERAL REPAIRS AND MAINTENANCE OF BUILDINGS FOR VARIOUS ERWAT SITES OVER A FIXED PERIOD ON 'AN AS AND WHEN REQUIRED' BASIS

C2.2 PRICING SCHEDULE

1. PRICING SCHEDULE FOR BUILDING WORKS

BILL No.1: BUILDING WORKS PRELIMINARIES AND GENERALS

Item No	Description	Unit	Qty	Rate (Vat Incl.) for Project Value Less or Equal to R3 000 000	Rate (Vat Incl.) for Project Value Higher than R 3 000 000 but Less or Equal to R6 000 000	Rate (Vat Incl.) for Project Value Higher than R 6 000 000 but Less or Equal to R10 000 000
1						
<u>SECTION 1 : PRELIMINARY AND GENERAL</u>						
1.1						
FIXED CHARGE AND VALUE RELATED ITEMS:						
1.1.1	Contractual Requirements	Sum	1			
1.1.3	Facilities for Contractor:					
	a) Offices and storage sheds	Sum	1			
	b) Workshops	Sum	1			
	c) Living accommodation	Sum	1			
	d) Ablution and latrine facilities	Sum	1			
	e) Tools and equipment	Sum	1			
	f) Water supplies, electric power and communications	Sum	1			
	g) Dealing with water	Sum	1			
	h) Access	Sum	1			
	i) Plant	Sum	1			
1.1.4	Other fixed-charge obligations	Sum	1			
1.1.5	Environmental Specification	Sum	1			
1.1.6	Safety plan	Sum	1			
1.1.7	Removal of site establishment	Sum	1			
1.1.8	Security of Contractor's plant and personnel	Sum	1			

BILL No. 2: BUILDING WORKS TEMPORARY WORKS

Item No	Payment Ref	Description	Unit	Qty	Rate (Vat Exclusive) R	Rate (Vat Inclusive) R
2	<u>SECTION 2: REMOVAL OF EXISTING WORKS AND TEMPORARY BARRIERS, SCREEN, ETC.</u>					
<u>Labour Team (Artisan and Assistance)</u>						
		Normal Working hours				
		(07:30 to 16:30) Monday to Friday	Per hour	1	R	R
		After hours and Saturdays	Per hour	1	R	R
		Sunday and Public Holidays	Per hour	1	R	R
2.1.		Temporary barriers, screens etc including removal on completion:				
2.1.1		Allow for protecting all existing work which might be liable to suffer damage (i.e. walls, finishes, floors, windows etc) during all building operations, alterations. Make good all work damaged with new material to match existing to the approval of the Employer.	Sum	1	R	R
2.1.2		Allow for watering the works by spraying to prevent any nuisance from dust, dirt etc	Sum	1	R	R
2.1.3		Supply and erect temporary tarpaulins, dust or weatherproof screens, hoardings and temporary access gates that may be necessary during the required phasing of the contract to the satisfaction of the Employer and remove when directed.	Sum	1	R	R
2.2		Taking down and removing fencing, gates etc:				
2.2.1		Take down and remove existing palisade fence or similar approximately 1800mm high, including steel posts at approximately 3500mm centres including grubbing up concrete bases approximately 450x450x600mm and carting away to approved dumping site and making good complete.	m	1	R	R

2.2.2		Take down and remove existing vehicle gate approximately 1800mm high and 5000mm wide including grubbing up concrete bases and brickwork columns approximately 450x450x600mm and carting away to approved dumping site and making good complete.	Sum	1	R	R
2.3		Taking down and removing roofs, floors, panelling, ceilings, partitions, etc				
2.3.1		Gabled and hipped pitched corrugated iron roof 11 100mm x 5110mm wide overall (measured on flat) including roof covering, timber trusses and purlins or ceiling complete including carting away off site to a dumping site located by the Contractor. Complete demolition and removal of this structure is to be priced under this item, and no further claims will be allowed.	m²	1	R	R

BILL NO 3 BUILDING WORKS ITEMS

Item No	Payment Ref	Description	Unit	Qty	Rate (Vat Exclusive) R	Rate (Vat Inclusive) R
3		SECTION 3: BUILDING WORKS				
		<u>Labour Team (Artisan and Assistance)</u>				
		Normal Working hours				
		(07:30 to 16:30) Monday to Friday	Per hour	1	R	R
		After hours and Saturdays	Per hour	1	R	R
		Sunday and Public Holidays	Per hour	1	R	R
3.1		ALTERATIONS. REMOVAL OR REPAIR OF EXISTING WORK				
		BRICKWORK AND WALL FINISHES				
3.1.1		Half brick walls	m ²	1	R	R
3.1.2		One brick wall	m ²	1	R	R
3.1.3		270mm Hollow walls	m ²	1	R	R
3.2		Breaking down and removing timber staircases etc				
3.2.1		Stairs and landings 8m2 (measured flat on plan) approximately 3m high FGL complete including balustrading, floor covering, etc.	Item	1	R	R
3.3		Hacking off and removing plaster, wall finishes, etc. and preparing surfaces for new plaster, wall finishes, etc				
3.3.1		Internal plaster from walls, columns, and beams	m ²	1	R	R
3.3.2		External plaster from walls, columns, and beams	m ²	1	R	R
3.3.3		Tiles to walls	m ²	1	R	R
3.4		Making good internal cement plaster				
3.4.1		Walls in patches	m ²	1	R	R
3.5		Repairing cracks in walls				
3.5.1		Carefully opening crack in existing brick wall, preparing, filling, and sealing with epoxy filling and finishing off flush to adjacent finishes, including stitching into mortar joints across crack.	m ²	1	R	R
4		BUILDING UP OPENINGS				

4.1		Brickwork in NFX bricks in class II mortar in building up openings				
4.1.1		Half brick walls	m ²	1	R	R
4.1.2		One brick wall	m ²	1	R	R
4.1.3		Hollow walls of two half brick skins including wire ties	m ²	1	R	R
4.1.4		440 x 440mm Brick piers (Columns)	m ³	1	R	R
4.1.5		660 x 660mm Brick piers (Columns)	m ³	1	R	R
5		OPENINGS THROUGH EXISTING WALLS ETC				
5.1		Breaking out for and forming plain openings through brick walls including necessary precast concrete lintels and making good plaster on both sides and into reveals and with concrete thresholds with steel trowelled finish (making good paintwork elsewhere)				
5.1.1		654 x 533 mm high overall through half brick wall	no	1	R	R
5.1.2		654 x 533 mm high overall through one brick wall	no	1	R	R
5.1.3		654 x 1511 mm high overall through half brick wall	no	1	R	R
5.1.4		654 x 1511 mm high overall through one brick wall	no	1	R	R
5.1.5		654 X 2489 mm high overall through half brick wall	no	1	R	R
5.1.6		654 X 2489 mm high overall through one brick wall	no	1	R	R
5.1.7		900 x 2100mm high overall through half brick wall	no	1	R	R
5.1.8		900 x 2100mm high overall through one brick wall	no	1	R	R
5.1.9		1540 x 2489 mm high overall through half brick wall	no	1	R	R
5.1.10		1540 x 2489 mm high overall through one brick wall	no	1	R	R
5.1.11		1540 x 1022mm high overall through half brick wall	no	1	R	R
5.1.12		1540 x 1022mm high overall through one brick wall	no	1	R	R
5.1.13		1540 x 1511 mm high overall through half brick wall	no	1	R	R
5.1.14		1540 x 1511 mm high overall through one brick wall	no	1	R	R

5.1.15		1540 x 1511mm high overall through half brick wall	no	1	R	R
5.1.16		1540 x 1511mm high overall through one brick wall	no	1	R	R
5.1.17		654 x 2489 mm high overall through half brick wall	no	1	R	R
5.1.18		654 x 2489 mm high overall through half brick wall	no	1	R	R
5.1.19		1540 x 1022 mm high overall through half brick wall	no	1	R	R
5.1.20		1540 x 1022 mm high overall through half brick wall	no	1	R	R
5.1.21		1511 x 2082mm high overall through half brick wall	no	1	R	R
5.1.22		1511 x 2082mm high overall through one brick wall	no	1	R	R
5.2		Brickwork sundries				
5.2.1		Cutting toothings and bonding new brickwork to existing	m ²	1	R	R
5.2.2		Making good cement plaster to wall where half brick wall removed	m	1	R	R
5.2.3		Making good brickwork to face of wall where half brick cross wall removed	m	1	R	R
5.2.4		Making good brickwork to face of wall where one brick cross wall removed	m	1	R	R
5.2.5		Clear all soot from existing chimney stack	no	1	R	R
6		FLOORS AND FLOOR FINISHES				
6.1		Hacking up/off and removing screeds, plaster, concrete toppings, etc from concrete or brickwork surfaces and preparing surfaces for new screed, plaster, floor finishes, etc.				
6.1.1		30mm Screed from floors 20Mpa	m ²	1	R	R
6.2		Hacking up/off and removing porcelain tiles including removing adhesive from concrete or brickwork surfaces and preparing surfaces for new screed, plaster, floor finishes, etc.				
6.2.1		Tiles to floors	m ²	1	R	R
6.2.2		Tiled skirtings 100mm high	m	1	R	R
6.3		Taking up and removing vinyl floor covering, carpet sheet, carpet tiles etc				
6.3.1		Carpet sheeting or tiles including underfelt	m ²	1	R	R

6.3.2		Vinyl floor covering	m ²	1	R	R
6.3.3		Vinyl skirtings 100mm high	M	1	R	R
6.4		Hacking up/off and removing timber floors, sundry timber floor finishes etc. including preparing surfaces for new finish				
6.4.1		Timber floor boarding	m ²	1	R	R
6.4.2		Timber skirtings 100mm high including 19mm quadrant	m	1	R	R
6.5		Repairing cracks in floors, slabs, beams etc.				
6.5.1		Carefully opening crack in existing concrete surface, preparing, filling and sealing with epoxy filling and finishing off flush to adjacent finishes, including stitching across crack	m ²	1	R	R
6.6		Floor finish sundries				
6.6.1		Making good 30mm screed on floors in patches	m ²	1	R	R
6.6.2		Making good 30mm screed where intersecting half brick wall is broken down	m	1	R	R
6.6.3		Making good 30mm screed where intersecting one brick wall is broken down	m	1	R	R
6.6.4		Making good 30mm screed where intersecting 270mm brick wall is broken down	m	1	R	R
7		CONCRETE SLABS, COLUMNS, BEAMS, STEPS AND RAMPS				
7.1		Concrete sundries etc.				
7.1.1		Making good concrete soffits	m ²	1	R	R
7.1.2		Making good concrete slabs in patches	m ²	1	R	R
7.2		Breaking up and removing concrete, including cutting off and removing reinforcement				
7.2.1		100mm Thick surface beds	m ²	1	R	R
7.2.2		Footings	m ³	1	R	R
7.3		Supply and installation of concrete palisade and precast fence				
7.3.1		2.4m concrete post, 3600x80 – 150x230 mm dimensions, 20-24/13 concrete class with 4mm steel reinforcing	no	1	R	R
7.3.2		3m concrete post 3600x80 – 150x230 mm dimensions, 20-24/13 concrete class with 4mm steel reinforcing	no	1	R	R

7.3.3		9-hole horizontal rail, 1990x150x75 dimensions, 20-24/13 concrete class with 4mm steel reinforcing	no	1	R	R
7.3.4		13-hole horizontal rail, 3000x150x75 dimensions, 20-24/13 concrete class with 4mm steel reinforcing	no	1	R	R
7.3.5		1.8m concrete pale, 1800x80 – 110x80 mm dimensions, 20-24/13 concrete class with 4mm steel reinforcing	no	1	R	R
7.3.6		2.4m concrete pale, 2400x80 – 110x80 mm dimensions, 20-24/13 concrete class with 4mm steel reinforcing	no	1	R	R
7.3.7		Standard electro galvanised mild steel rail bolts, 130x8mm dimensions	no	1	R	R
7.3.8		2.1m plain precast post, 2700x125x140mm dimensions, 20-24/13 concrete class with 4mm steel reinforcing	no	1	R	R
7.3.9		2.4m plain precast post, 3000x125x140mm dimensions, 20-24/13 concrete class with 4mm steel reinforcing	no	1	R	R
7.3.10		1440x300x38mm dimensions plain & louvre precast slabs with 2mm steel reinforcing	no	1	R	R
7.3.11		Standard foundation (hand mix), 15-20/13 concrete class, 450x450x600mm	no	1	R	R
7.3.12		Standard plinth (hand mix), 15-20/13 class, 230x300mm dimensions	no	1	R	R
7.3.13		Flat wrap razor wire (flat wrap 500, 500x500 dimensions)	m	1	R	R
7.3.14		Angle iron bracket (every 2 nd post – 3m), 25x25x2x600 dimensions	no	1	R	R
8		WINDOWS				
8.1		Taking out and removing existing windows, shutters etc including lintels, thresholds, sills, burglar proofing, etc, and carting off site including making good reveals				
8.1.1		Steel window not exceeding 2,5m ² including making good cement plaster both sides.	no	1	R	R
8.1.2		Steel window exceeding 2,5m ² but not exceeding 5,0m ² including making good cement plaster both sides.	no	1	R	R
8.1.3		Glazed timber window not exceeding 2,5m ² including making good cement plaster both sides.	no	1	R	R
8.1.4		Glazed timber window exceeding 2,5m ² but not exceeding 5,0m ² including making good cement plaster both sides.	no	1	R	R
8.2		Carefully take out existing windows, shutters etc and set aside for reuse including making good reveals				
8.2.1		Steel window not exceeding 2,5m ² including making good cement plaster both sides.	m ³	1	R	R
8.2.2		Steel window exceeding 2,5m ² and not exceeding 5m ² including making good cement plaster both sides.				
8.3		Re-fix steel window frames including replacing all screws, plugs, hinges etc. into original position:				
8.3.1		Steel window not exceeding 2,5m ² including making good cement plaster both sides.	no	1	R	R

8.3.2		Steel window exceeding 2,5m² and not exceeding 5m² including making good cement plaster both sides.	no	1	R	R
9		GLAZING				
9.1		Taking out/off and removing glass and mirrors				
9.1.1		Glass from steel window frames, including cleaning out rebates and preparing for new glass (elsewhere measured):	m²	1	R	R
9.1.2		Cleaning of windows on low-rise building (ground floor)	m²	1	R	R
9.1.3		Cleaning of windows on low-rise building (first floor)	m²	1	R	R
9.1.4		Cleaning of windows on low-rise building (second floor)	m²	1	R	R
9.1.5		Cleaning of glass doors	m²	1	R	R
10		DOORS, SECURITY GATES AND STRONGROOM DOORS				
10.1		Taking out and removing doors, windows, etc from brickwork to be demolished				
10.1.1		Timber door and frame not exceeding 2,5m² including making good cement plaster both sides.	no	1	R	R
10.1.2		Ditto, but exceeding 2,5m² and not exceeding 5m²	no	1	R	R
10.1.3		Metal gate and frame not exceeding 2,5m² including making good cement plaster both sides.	no	1	R	R
10.1.4		Metal gate and frame exceeding 7,5m² and not exceeding 10m² including making good cement plaster both sides.	no	1	R	R
11		IRONMONGERY				
11.1		Taking out and removing ironmongery				
11.1.1		Towel rail, grab rails, curtain rails etc. not exceeding 1000mm long from wall	no	1	R	R
11.1.2		Toilet paper holder from wall	no	1	R	R
11.1.3		Towel dispenser from wall	no	1	R	R
11.1.4		Soap dispenser from wall	no	1	R	R
11.1.5		Hat and coat hook from wall	no	1	R	R
11		Taking out/off and removing glass and mirrors				
11.2.1		Mirror from wall	no	1	R	R

12		CEILINGS AND PARTITIONS				
12.1		Taking down and removing ceilings, panelling, partitions, etc.				
12.1.1		Gypsum plaster board or fibre cement ceiling boards including brandering, insulation, etc.	m ²	1	R	R
12.1.2		Pre-painted "OWA" acoustic panels on "OWA Construct" pre-painted exposed demountable butt cut T24 suspension system Suspended Ceilings including main and cross tees, necessary hangers, grids, etc	m ²	1	R	R
12.1.3		Coved cornice	m	1	R	R
12.1.4		Insulation	m ²	1	R	R
13		MAKING GOOD OF FINISHES ETC				
13.1		Making good "Rhino" gypsum plasterboard ceilings and brandering				
13.1.1		Ceilings where half brick walls removed	m	1	R	R
13.1.2		Ceilings where one brick walls removed	m	1	R	R
13.2		Making good internal cement plaster				
13.2.1		Concrete ceilings where 110mm brick walls removed	m	1	R	R
13.2.2		Concrete ceilings where 270mm brick walls removed	m	1	R	R
13.2.3		Rhino gypsum plasterboard ceilings in patches	m ²	1	R	R
14		ROOFS	m ²	1	R	R
		The Contractor shall allow for complying with SABS standards and all regulations and RSA laws regarding the removal and / or handling of any materials containing asbestos. Removal of asbestos materials shall be executed in compliance with the regulations set out in the Occupational Health and Safety Act. Removal of asbestos materials shall be executed by a certified asbestos removal contractor. The disposal of the removed asbestos to be disposed at a registered approved asbestos dump site with certificate of disposal.	m	1	R	R

14.1		Removal of all Asbestos materials to be executed by an Asbestos Specialist in accordance with Asbestos Regulations 2001, 21 (a) (i), (ii), (iii), (iv), (v), (b)(i), (ii), (iii), including the provision of a safe disposal certificate issued by asbestos specialist, which will include the following information: demolition plan, transportation plan, disposal plan and name of disposal site	m ²	1	R	R
14.1.1		Inspection of all accessible roofing timbers of the existing buildings approximately 500m ² (measured flat on plan) to be inspected by a S.A.P.C.A registered inspector for the infestation by wood-destroying organisms, beetles, termites and harvester termites, organisms will cover all timber pests i.e. fungi, dry and wet rot and insects, a report with recommendations will be given to the principal agent. Where infestation is found, the recommendations made shall be carried out in strict terms of Act 36 of 1947 and or SABS Code 0124 and 0204. Alternatively, a certificate of clearance as issued by the inspector shall state that there is no infestation apparent upon first inspection, or that any infestation has been dealt with in terms of the aforementioned.	Item	1	R	R
14.2		Taking down and removing roof coverings, flashings, purlins, fascias, bargeboards etc.				
14.2.1		Metal roof covering, flashing, ridge capping, ridge flashing, insulation, and purlins.	m ²	1	R	R
14.2.2		Fascias and bargeboards	m	1	R	R
14.2.3		Ridge cap flashing	m	1	R	R
14.3		Taking down and removing trusses, rafters, wall plates etc.				
14.3.1		Take off and remove existing timber purlins and prepare to receive new (measured elsewhere)	m	1	R	R
14.3.2		Take off and remove existing timber wall plate and prepare to receive new (measured elsewhere)	m	1	R	R
14.3.3		Carefully take out and remove existing timber roof trusses and prepare to receive new (measured elsewhere)	no	1	R	R
14.3.4		38 x 114mm Roof truss in various lengths	m	1	R	R
15		RAINWATER GOODS				
15.1		Taking down and removing fascia boards, barge boards, gutters, downpipes etc.				
15.1.1		Aluminium gutter including bends and stop ends complete	m	1	R	R

15.1.2		Aluminium downpipe complete	m	1	R	R
15.1.3		Steel gutters including bends and stop ends complete	m	1	R	R
15.1.4		Steel downpipe complete	m	1	R	R
16		TIMBER FITTINGS, CUPBOARDS, WORKTOPS, SHELVING ETC				
16.1		Taking out and removing joinery fittings etc, setting aside for re-use and later refixing in new position				
16.1.1		Timber wall kitchen cupboard including countertop approximately 5 110 x 600 x 950mm high complete.	no	1	R	R
16.1.2		Kitchen floor cupboard unit size 1690mm long x 600mm deep x 900mm high overall complete.	no	1	R	R
16.1.3		Wall mounted Kitchen cupboard unit size 1690mm long x 300mm deep x 700mm high overall complete.	no	1	R	R
16.1.4		L-shaped Kitchen floor cupboard unit size 4600mm long extreme x 600mm deep x 900mm high overall complete.	no	1	R	R
16.1.5		Wall mounted Kitchen cupboard unit size 3400mm long x 300mm deep x 700mm high overall complete.	no	1	R	R
16.1.6		L-shaped Kitchen floor cupboard unit size 3530mm long extreme x 960mm deep extreme x 900mm high overall complete.	no	1	R	R
16.1.7		Kitchen floor cupboard unit size 1528mm long x 600mm deep x 900mm high overall complete.	no	1	R	R
16.1.8		Formica top with stainless steel legs (legs e/m), size 3000mm long x 600mm deep x 750mm high overall complete.	no	1	R	R
16.1.9		Formica top with stainless steel legs (legs e/m), size 4600mm long x 600mm deep x 750mm high overall complete.	no	1	R	R
16.1.10		Cupboard unit size 3800mm long extreme x 800mm deep x 750mm high overall complete.	no	1	R	R
16.1.11		Shelving unit size 1830mm long x 300mm deep x 700mm high overall complete.	no	1	R	R
16.1.12		L-shaped Cupboard unit size 8650mm long extreme x 800mm deep x 750mm high overall complete.	no	1	R	R
16.1.13		Shelving unit size 4770mm long x 300mm deep x 700mm high overall complete.	no	1	R	R
16.1.14		Cupboard unit size 1640mm long x 800mm deep x 750mm high overall complete.	no	1	R	R
16.1.15		Shelving unit size 1640mm long x 300mm deep x 700mm high overall complete.	no	1	R	R
16.1.16		Cupboard unit size 1630mm long x 800mm deep x 750mm high overall complete.	no	1	R	R
16.1.17		Shelving unit size 6610mm long extreme x 450mm deep x 2845mm high overall complete.	no	1	R	R
16.1.18		Cupboard unit size 2340mm long x 800mm deep x 750mm high overall complete.	no	1	R	R

16.1.19		Shelving unit size 2340mm long x 300mm deep x 700mm high overall complete.	no	1	R	R
16.1.20		U-shaped Cupboard unit size 7340mm long extreme x 800mm deep x 750mm high overall complete.	no	1	R	R
16.1.21		L-shaped Shelving unit size 5430mm long extreme x 300mm deep x 700mm high overall complete.	no	1	R	R
16.1.22		Shelving unit size 1890mm long x 300mm deep x 700mm high overall complete.	no	1	R	R
16.1.23		U-shaped Cupboard unit size 6530mm long extreme x 800mm deep x 750mm high overall complete.	no	1	R	R
16.1.24		L-shaped Shelving unit size 4190mm long extreme x 300mm deep x 700mm high overall complete.	no	1	R	R
16.1.25		Cupboard unit size 1810mm long x 800mm deep x 750mm high overall complete.	no	1	R	R
16.1.26		Shelving unit size 1810mm long x 300mm deep x 700mm high overall complete.	no	1	R	R
16.1.27		Cupboard unit size 1750mm long x 800mm deep x 750mm high overall complete.	no	1	R	R
16.1.28		Shelving unit size 1750mm long x 300mm deep x 700mm high overall complete.	no	1	R	R
16.1.29		L-shaped Cupboard unit size 8120mm long extreme x 600mm deep x 750mm high overall complete.	no	1	R	R
16.1.30		L-shaped Shelving unit size 8710mm long extreme x 300mm deep x 700mm high overall complete.	no	1	R	R
16.1.31		Cupboard unit size 6090mm long x 800mm deep x 750mm high overall complete.	no	1	R	R
16.1.32		Shelving unit size 4910mm long x 300mm deep x 700mm high overall complete.	no	1	R	R
16.1.33		Cupboard unit size 1710mm long x 800mm deep x 750mm high overall complete.	no	1	R	R
16.1.34		Cupboard unit size 2970mm long x 800mm deep x 750mm high overall complete.	no	1	R	R
16.1.35		Shelving unit size 480mm long x 150mm deep x 700mm high overall complete.	no	1	R	R
16.1.36		U-shaped Cupboard unit size 9440mm long extreme x 800mm deep x 750mm high overall complete.	no	1	R	R
16.1.37		L-shaped Shelving unit size 4880mm long extreme x 300mm deep x 700mm high overall complete.	no	1	R	R
16.1.38		Cupboard unit size 900mm long x 800mm deep x 750mm high overall complete.	no	1	R	R
16.1.39		Shelving unit size 900mm long x 300mm deep x 700mm high overall complete.	no	1	R	R
16.1.40		Cupboard unit size 5090mm long x 300mm deep x 2100mm high overall complete.	no	1	R	R
16.1.41		Cupboard unit size 5170mm long x 300mm deep x 2100mm high overall complete.	no	1	R	R
16.1.42		Cupboard unit size 1330mm long x 800mm deep x 750mm high overall complete.	no	1	R	R

16.1.43		Cupboard unit size 1210mm long x 800mm deep x 750mm high overall complete.	no	1	R	R
16.1.44		Shelving unit size 790mm long x 150mm deep x 700mm high overall complete.	no	1	R	R
16.1.45		L-shaped Cupboard unit size 3450mm long extreme x 600mm deep x 750mm high overall complete.	no	1	R	R
16.1.46		Shelving unit size 1520mm long x 300mm deep x 700mm high overall complete.	no	1	R	R
16.1.47		L-shaped Cupboard unit size 3320mm long extreme x 800mm deep x 750mm high overall complete.	no	1	R	R
16.1.48		Shelving unit size 2060mm long x 300mm deep x 700mm high overall complete.	no	1	R	R
16.1.49		Cupboard unit size 8620mm long extreme x 800mm deep x 750mm high overall complete.	no	1	R	R
16.1.50		Shelving unit size 1570mm long x 300mm deep x 700mm high overall complete.	no	1	R	R
16.1.51		Cupboard unit size 8620mm long extreme x 800mm deep x 750mm high overall complete.	no	1	R	R
16.1.52		Shelving unit size 1570mm long x 300mm deep x 700mm high overall complete.	no	1	R	R
16.1.53		Taking out/off and removing sundry metalwork	no	1	R	R
16.1.54		60mm Diameter steel legs 710mm high and replace with new stainless-steel legs (new legs e/m).	no	1	R	R
16.1.55		Steel shelving unit size 940mm long x 320mm deep x 2100mm high overall complete, including setting aside for re-use and later refixing in new position.	no	1	R	R

Item No	Payment Ref	Description	Unit	Qty	Rate (Vat Exclusive) R	Rate (Vat Inclusive) R
SECTION 4: ROOF COVERINGS						
ROOF COVERINGS						
17		METAL ROOF SHEETING AND ACCESSORIES				
17.1		Nominal thickness 0.8mm thick Klip-Lok 406 (or similar approved) concealed fixed roofing sheets roll formed in continuous lengths, colour coated on one side with a Colortek G4 coating colour Dark Green including fixing to 50 x 100mm SA Pine timber purlins (e/m) at max 1200 mm centres strictly in accordance with manufacturer's specification:	m ²	1	R	R
17.1.1		Roof covering with pitch not exceeding 25 degrees, in transportable lengths not exceeding 20m.	m ²	1	R	R
17.1.2		Ridge flashing 231 x 231mm.	m	1	R	R
17.1.3		Valley flashing 600mm girth.	m	1	R	R
17.1.4		Cover flashing 960mm girth.	m	1	R	R
17.1.5		Counter flashing 30 x 112mm.	m	1	R	R
17.1.6		Headwall flashing 375mm girth.	m	1	R	R
17.1.7		Hip flashing 231 x 231mm.	m	1	R	R
17.1.8		Sidewall flashing 77 x 221mm.	m	1	R	R
17.1.9		Ridge cap 550mm girth.	m	1	R	R
17.2		Nominal thickness 0.53mm thick Corrugated 10.5 (or similar approved) pierced fixed roofing sheets roll formed in continuous lengths coated heavy industrial steel G550, colour coated with Dark green colour on one side including fixing to 50 x 100mm SA Pine timber purlins (e/m) at max 700 mm centres using class 3 fasteners strictly in accordance with manufacturer's specification:				
17.2.1		Roof covering with pitch not exceeding 25 degrees, in transportable lengths not exceeding 20m.	m ²	1	R	R
17.2.2		Ridge flashing 231 x 231mm.	m	1	R	R
17.2.3		Valley flashing 600mm girth.	m	1	R	R
17.2.4		Cover flashing 960mm girth.	m	1	R	R
17.2.5		Counter flashing 30 x 112mm.	m	1	R	R

17.2.6		Headwall flashing 375mm girth.	m	1	R	R
17.2.7		Hip flashing 231 x 231mm.	m	1	R	R
17.2.8		Sidewall flashing 77 x 221mm.	m	1	R	R
17.2.9		Ridge cap 550mm girth.	m	1	R	R
17.3		Nominal thickness 0.53mm thick IBR (or similar approved) roofing sheets roll formed in continuous lengths coated heavy industrial steel G550, colour coated with Dark Green on one side including fixing to 50 x 100mm SA Pine timber purlins (e/m) at max 700 mm centres using class 3 fasteners strictly in accordance with manufacturer's specification:				
17.3.1		Roof covering with pitch not exceeding 25 degrees, in transportable lengths not exceeding 20m.	m ²	1	R	R
17.3.2		Ridge flashing 231 x 231mm.	m	1	R	R
17.3.3		Valley flashing 600mm girth.	m	1	R	R
17.3.4		Cover flashing 960mm girth.	m	1	R	R
17.3.5		Counter flashing 30 x 112mm.	m	1	R	R
17.3.6		Headwall flashing 375mm girth.	m	1	R	R
17.3.7		Hip flashing 231 x 231mm.	m	1	R	R
17.3.8		Sidewall flashing 77 x 221mm.	m	1	R	R
17.3.9		Ridge cap 550mm girth.	m	1	R	R
18		CONCRETE ROOF TILES AND ACCESSORIES				
18.1		Nominal standard thickness double roman roof tiles (or similar approved) concrete roofing tiles, red/black/brown or black in colour fixed on one side including fixing to 38 x 38mm SA Pine timber brander at max 350 mm centres using class 3 fasteners strictly in accordance with manufacturer's specification:				
18.1.1		Double roman roof tiles covering with pitch not exceeding 25 degrees, fixed to 38x38mm SA pine timber brander, fixed the existing roof trusses, with all other necessary fittings	m ²	1	R	R
18.1.2		Concrete roof ridge tapered, fixed on 225mm x 40m x 250-micron waterproofing and cement Class II mortar	m	1	R	R
18.1.3		Concrete roof v ridge, fixed on 225mm x 40m x 250-micron waterproofing and cement Class II mortar	m	1	R	R
18.1.4		Concrete hip starter, fixed on 225mm x 40m x 250-micron waterproofing and cement Class II mortar	m	1	R	R

Item No						Payment Ref
19		Description	Unit	Qty	Rate (Vat Exclusive) R	Rate (Vat Inclusive) R
		<u>SECTION 5: DOORS, ETC</u>				
		Note: The contractor is to check on site measurements before placing of order.				
19.1		Wrought meranti:				
19.1.1		Approved solid meranti FLBB doors:				
19.1.1		44mm Thick custom design solid timber single door, size 1450 x 2918mm overall, including rebated meeting styles with 10mm hardwood edges complete	no	1	R	R
19.1.1		44mm thick, sapele veneer door internal, size 813mm X 2032mm	no	1	R	R
		44mm thick, Sapele internal door, size 813 x 2032mm	no	1	R	R
19.2		Meranti flush panel doors:				
19.2.1		Approved solid flush doors, with Commercial veneer both sides and with hardwood edge strips, tongued and grooved on to edges:				
19.2.2		44mm Thick, solid core flush panel door, size 813 x 2082mm high including rebated meeting styles with 10mm hardwood edges complete	no	1	R	R
19.2.3		44mm Thick, frame & ledge open back solid meranti door, size 813 X 2032mm high including rebated meeting styles with 10mm hardwood edges complete	no	1	R	R
19.2.4		44mm thick, semi solid horizontal slatted meranti door 813 X 2032mm high including rebated meeting styles with 10mm hardwood edges complete	no	1	R	R
19.2.5		44mm thick, Ledge Meranti Z-Brace Stable 813 X 2032mm high including rebated meeting styles with 10mm hardwood edges complete	no	1	R	R
19.2.6		44mm Thick solid core flush panel single door, size 913 x 2082mm high, including rebated meeting styles, with 10mm hardwood edges complete	no	1	R	R
19.2.7		44mm Thick, solid core flush panel double door, size 1603 x 2082mm high including rebated meeting styles with 10mm hardwood edges complete	no	1	R	R
19.2.8		44mm Thick, solid heavy duty panel double door, size 1603 x 2082mm high including rebated meeting styles with 10mm hardwood edges complete	no	1	R	R
		44mm thick, Frame & Ledge pair double Doors, size 1511 X 2032mm high including other items complete	no	1	R	R
19.3		Fire rated doors:				

19.3.1		Approved Class B 'Bidcon'(2-hour door with a fire-resistant core pane) fire rated flush panel doors, or similar approved, with Commercial veneer both sides and with hardwood edge strips, tongued and grooved on to edges:				
19.3.1.1		44mm Thick solid core fire resistant double door, with hardboard both sides, size 813 x 2032mm high, including rebated meeting styles with 10mm hardwood edges complete	no	1	R	R
19.3.1.2		44mm Thick solid core fire resistant double door, with hardboard both sides, size 1603 x 2082mm high including rebated meeting styles with 10mm hardwood edges complete	no	1	R	R
19.4		Replace roller shutter doors				
19.4.1		Removal of existing roller shutter door and installation of 2750mm X 3050mm high single roller door, powder painted to the employer's colour. Door to be operated manually by hand, handles fitted on the T-bar for push and pull, including all sides guide rails, bottom rails, end plates, canopy, and all necessary parts to complete the work.	no	1	R	R
19.4.2		Removal of existing 2550mm X 2100mm high single roller door powder painted to the employer's colour, including all sides guide rails, bottom rails, end plates, canopy, and all necessary parts to complete the work	no	1	R	R
19.4.3		Removal of existing 2550mm X 2700mm high single roller door powder painted to the employer's colour, including all sides guide rails, bottom rails, end plates, canopy, and all necessary parts to complete the work	no	1	R	R
19.4.4		Removal of existing roller door and installation of chain operated of roller shutter door for opening size 3050X2900mm high galvanized finish, with lifting handle fitted to the T-bar with Rubber wheather board underneath. Helical coiled springs counterbalance the mass of the door curtain and other sundries.	no	1	R	R
19.4.5		Removal of existing roller shutter doors and installation of chain with gear box operated roller shutter door for opening size 4540mm wide x 4300mm high galvanized finish, with lifting handle fitted to the T-bar with Rubber wheather board underneath. Helical coiled springs counterbalance the maas of the door curtain and other sundries.	no	1	R	R
19.4.6		Removal of existing roller shutter doors and installation of chain with gear box operated roller shutter door for opening size 5100mm wide x 4090mm high galvanized finish, with lifting handle fitted to the T-bar with Rubber wheather board underneath. Helical coiled springs counterbalance the maas of the door curtain and other sundries.	no	1	R	R

Item No						Payment Ref
20.		Description	Unit	Qty	Rate (Vat Exclusive) R	Rate (Vat Inclusive) R
20.1		<u>SECTION 6: JOINERY, SHELVING</u>				
20.2		Wall mounted cupboard unit, size 3000mm long x 300mm deep x 1000mm high overall, including all finishes, all complete with door and handles as per the employer's approval	no	1	R	R
20.3		Floor cupboard unit, size 4000mm long x 600mm deep x 750mm high, including counter tops and all finishes, shelves, all complete with door and handles as per the employer's approval	no	1	R	R
20.4		Wall mounted cupboard unit, size 4000mm long x 300mm deep x 1000mm high overall, including all finishes, all complete with door and handles as per the employer's approval	no	1	R	R
20.5		U-shaped floor cupboard unit, size 4500mm long x 2500mm long x 2500mm long x 600mm wide x 750mm high, including all counter tops, finishes and all complete with door, shelves and handles as per the employer's approval	no	1	R	R
20.6		U-shaped wall mounted cupboard unit, size 4500mm long x 2500mm long x 2500mm long x 300mm deep x 1000mm high overall, including all finishes, all complete with door and handles as per the employer's approval	no	1	R	R
20.7		L-shaped floor mounted cupboard unit, size 2500mm long x 3000mm long x 300mm deep x 700mm high overall, including all counter tops, finishes, all complete with doors, handles and shelves as per the employer's approval.	no	1	R	R
20.8		L-shaped Wall mounted cupboard unit, size 2500mm long x 3000mm long x 300mm deep x 1000mm high overall, including all finishes, all complete with doors, handles and shelves as per the employer's approval.	no	1	R	R

Item No						Payment Ref
21		Description	Unit	Qty	Rate (Vat Exclusive) R	Rate (Vat Inclusive) R
		<u>SECTION 7: CEILING, PARTITIONING AND ACCESS FLOORING</u>				
21.1		NAILED UP CEILINGS				
21.1.1		6mm Gypsum knock up ceiling boards with skimmed joints:				
21.1.2		Ceilings including 38 x 38mm sawn softwood branderling at 400mm centres, with staggered cross branderling at joints, including h-strip joints, ends of sheets and at light fittings, etc.	m ²	1	R	R
21.2						
21.2.1		9.5mm Gypsum knock up ceiling boards with skimmed joints:				
21.2.2		Soffit and side of horizontal bulkheads, size 1360 x 200mm deep, including 38 x 38mm sawn softwood branderling at 400mm centres.	m	1	R	R
21.2.3		Soffit and side of horizontal bulkheads, size 1180 x 200mm deep, including 38 x 38mm sawn softwood branderling at 450mm centres.	m	1	R	R
21.2.4		Soffit and side of horizontal bulkheads, size 1760 x 200mm deep, including 38 x 38mm sawn softwood branderling at 450mm centres.	m	1	R	R
21.3						
21.3.1		6mm Gypsum knock up ceiling boards with jointing strips over joints:				
21.3.2		Ceilings including 38 x 38mm sawn softwood branderling at 400mm centres, with staggered cross branderling at joints, ends of sheets and at light fittings, etc.	m ²	1	R	R
21.4						
21.4.1		Rhino ceiling boards with panel joints:				
21.4.2		6mm - 9mm thick Ceiling panels in 1200 mm x 3600 mm size. including 38 x 38mm sawn softwood branderling at 450mm centres, with staggered cross branderling at joints, ends of sheets and at light fittings, etc.	m ²	1	R	R
21.4.3		6mm - 9mm thick Ceiling panels in 1200 mm x 2700 mm size. including 38 x 38mm sawn softwood branderling at 450mm centres, with staggered cross branderling at joints, ends of sheets and at light fittings, etc.	m ²	1	R	R
21.4.4		Square edged eaves closure board including 38 x 38mm sawn softwood branderling at 450mm centres with cross branderling at 450mm centres and at joints, ends of sheets and at light fittings, etc.	m ²	1	R	R
21.5						
		Coved cornice:				
21..6		75mm Paper covered polystyrene coved cornices, plugged.	m	1	R	R

21.6.1		600 x 600 x 15mm square edged pre-painted white mineral fibre drop-in acoustic ceiling panels "OWA Futura 60" or similar approved with needle punched face in random pattern, providing a noise reduction coefficient of 0.70 and moisture resistance of up to 90% relative humidity, on pre-painted exposed suspension grid system including hangers, necessary hold-down clips and wedges, etc				
21.6.2		Ceilings suspended exceeding 2,5m and not exceeding 3m high below concrete soffits.	m ²	1	R	R
21.6.3		Ceilings suspended exceeding 2.5m and not exceeding 3m below timber purlins at 1200mm centres (trusses at 1.2m centres).	m ²	1	R	R
21.7						
21.7.1		600 x 1200 x 15mm square edged pre-painted white mineral fibre drop-in acoustic ceiling panels "OWA Futura 60" or similar approved with needle punched face in random pattern, providing a noise reduction coefficient of 0.70 and moisture resistance of up to 90% relative humidity, on pre-painted exposed suspension grid system including hangers, necessary hold-down clips and wedges, etc.				
21.7.2		Ceilings suspended exceeding 2m and not exceeding 2,5m below concrete soffits.	m ²	1	R	R
		Ceilings suspended exceeding 2m and not exceeding 2.5m below timber purlins at 1200mm centres (trusses at 1.2m centres).	m ²	1	R	R
21.8						
21.8.1		"Shadowline" cornices, perimeter trims, etc to suspended ceilings				
21.8.2		White pre-painted trim plugged to walls	m	1	R	R
21.8.3		Shadowline wall angle wave	m	1	R	R
21.8.4		Standard wall angle wave	m	1	R	R
21.9						
21.9.1		DRYWALL SYSTEMS ETC				
21.9.2		Drywalling system using 12m thick Plasterboard partitioning system 2.8m high with bottom and top tracks plugged. The framework of the drywall system shall be manufactured of galvanised steel drywall track and bracing, metal studs and frame must be such that they comply with the structural requirements of the installed drywall system and shall not be less than a nominal 0.45mm thickness. The recommended flange must be a nominal width of 35mm. Studs to be maximum of 76mm x 50mm, 600 x 600mm centre to centre studs fixed with approved fasteners.	m	1	R	R
21.9.3		Extra over partition 2.8m high for vertical abutment	no	1	R	R
21.9.4		Extra over partitioning aluminium door frame, door size 813 x 2100mm high, including all necessary rebated door frame and suitable hinges	no	1	R	R
22						
22.1.1		IRONMONGERY				
22.1.2		Supply and fix steel door 100mm butt hinges	no	1	R	R

22.1.3		Supply and fix Indicator Bolt - Satin Nickle	no	1	R	R
22.1.4		Supply and deliver steel door 100mm butt hinges	no	1	R	R
22.1.5		Supply and deliver Indicator Bolt - Satin Nickle	no	1	R	R
22.1.6		Supply and deliver laminated brass padlocks 20mm	no	1	R	R
22.1.7		Supply and deliver laminated brass padlocks 25mm	no	1	R	R
22.1.8		Supply and deliver laminated brass padlocks 32mm	no	1	R	R
22.1.9		Supply and deliver laminated brass padlocks 38mm	no	1	R	R
22.1.10		Supply and deliver laminated brass padlocks 50mm	no	1	R	R
22.1.11		Supply and deliver discus padlock s/steel body 70mm	no	1	R	R
22.1.12		Supply and deliver laminated brass padlocks 20mm keyed alike	no	1	R	R
22.1.13		Supply and deliver laminated brass padlocks 25mm keyed alike	no	1	R	R
22.1.14		Supply and deliver laminated brass padlocks 32mm keyed alike	no	1	R	R
22.1.15		Supply and deliver laminated brass padlocks 38mm keyed alike	no	1	R	R
22.1.16		Supply and deliver laminated brass padlocks 50mm keyed alike	no	1	R	R
22.1.17		Supply and deliver discus padlock s/steel body 70mm keyed alike	no	1	R	R
22.1.18		Supply and deliver four lever mortice lock body powder coated union with handles	no	1	R	R
22.1.19		Supply and install four lever mortice lock body powder coated union with handles	no	1	R	R
22.1.20		Supply and deliver three lever mortice lock body powder coated union with handles	no	1	R	R
22.1.21		Supply and install three lever mortice lock body powder coated union with handles	no	1	R	R
22.1.22		Supply and deliver two lever mortice lock body powder coated union with handles	no	1	R	R
22.1.23		Supply and install two lever mortice lock body powder coated union with handles	no	1	R	R
22.1.24		Supply and deliver P-shape double cylinder lock, size 65mm with complete handles and mortice lock mechanism.	no	1	R	R
22.1.25		Supply and deliver P-shape double cylinder lock, size 65mm	no	1	R	R
22.1.26		Supply and Install P-shape double cylinder lock, size 65mm with complete handles	no	1	R	R

22.1.27		Supply and deliver oval double cylinder lock, size 40X40mm with complete handles and mortice lock mechanism.	no	1	R	R
22.1.28		Supply and deliver oval double cylinder lock, size 40X40mm	no	1	R	R
22.1.29		Supply and Install Oval double cylinder lock, size 40X40mm with complete handles	no	1	R	R
22.2		Door closers				
22.2.1		Supply and fit concealed hydraulic door closer - silver (390X84X225mm)	no	1	R	R
22.2.2		Supply and fit concealed RS PRO grey fire door suitable door closer	no	1	R	R
22.2.3		Supply and deliver concealed hydraulic door closer - Silver (390X84X225mm)	no	1	R	R
22.2.4		Supply and fit concealed RS PRO grey fire door Suitable Door Closer	no	1	R	R

Item No						Payment Ref
		Description	Unit	Qty	Rate (Vat Exclusive) R	Rate (Vat Inclusive) R
		<u>SECTION 8: METAL WORK</u>				
23		Pressed Steel Door Frames				
23.1		1.2 mm Double rebated frames suitable for one brick wall				
23..1.1		Frames for single door, size 813 x 2023mm high	no	1	R	R
23.2						
23.2.1		1.2 mm Double rebated frames suitable for half brick wall				
23.2.2		Frames for single door, size 813 x 2023mm high	no	1	R	R
23.3		1.2 mm Single rebated frames suitable for one brick wall				
23.3.1		Frames for single door, size 813 x 2023mm high	no	1	R	R
23.4		1.2 mm Single rebated frames suitable for half brick wall				
23.4.1		Frames for single door, size 813 x 2023mm high	no	1	R	R
23.5		1.2 mm Single rebated frames suitable for one brick wall				
23.5.1		Frames for double door, size 1670 x 2023mm high	no	1	R	R
23.6		1.2 mm Single rebated frames suitable for half brick wall				
23.6.1		Frames for double door, size 1670 x 2023mm high	no	1	R	R
23.7		1.2 mm Double rebated frames suitable for one brick wall				
23.7.1		Frames for double door, size 1670 x 2023mm high	no	1	R	R
23.8		1.2 mm Double rebated frames suitable for half brick wall				
23.8.1		Frames for double door, size 1670 x 2023mm high	no	1	R	R
23.9		1.2mm Single rebated combination door with a complete door frame and steel door				

23.9.1		Robmeg right/left hand open in combi single door frame, size 813 x 2032 x 115mm, complete with a door	no	1	R	R
23.9.2		Robmeg right/left hand open in combi single door frame, size 813 x 2032 x 230mm, complete with a door	no	1	R	R
23.10		1.2mm Single rebated combination door with a complete door frame and steel door				
23.10.1		Robmeg right/left hand open in combi double door frame, size 813 x 2032 x 115mm, complete with a door	no	1	R	R
23.10.2		Robmeg right/left hand open in combi double door frame, size 813 x 2032 x 230mm, complete with a door	no	1	R	R
23.11		Steel window Frames				
23.11.1		Steel window frames, side, and top hung windows, grey in colour, handle and stays to be brass				
23.11.2		NC2F steel window frame, size 1022mm X 949mm high	no	1	R	R
23.11.3		NCT1S F7 steel window frame, size 508mm X 924mm high	no	1	R	R
23.11.4		NCTX7S F7 steel window frame, size 997mm X 924mm high	no	1	R	R
23.11.5		D22F Fx7 Steel window frame, size 2000mm X 1264mm high	no	1	R	R
23.11.6		ND11F Fx7 steel window frame, size 1022mm X 1245mm high	no	1	R	R
23.11.7		NC4 F7 steel window frame, size 1022mm X 949mm high	no	1	R	R
23.11.8		ND54 F7 steel window frame, size 1446mm X 1515mm high	no	1	R	R
23.11.9		NE5 steel window frame, size 654 x 533 mm high	no	1	R	R
23.11.10		NE2 steel windows frame, size 1022mm X 654mm high	no	1	R	R
23.11.11		NE12 steel window frame, size 2489mm X 654mm high	no	1	R	R
23.11.12		ND512 F7 steel window frame, size 2489mm X 1540mm high	no	1	R	R
23.11.13		ND52 steel window frame, size 1022mm X 1540mm high	no	1	R	R
23.11.14		NG12 steel window frame, size 2489mm X 359mm high	no	1	R	R
23.15		ND 52 steel window frame, size 1540mm x 1022 mm high	no	1	R	R
24		WELDING METALS WORK				
24.1		Custom made steel window frame, size 654mm X 151mm	no	1	R	R

24.2		Custom made steel window frame, size 1540mm x 2489 mm	no	1	R	R
24.3		Custom made steel window frame, size 1540mm X 3000mm	no	1	R	R
24.4		Custom made steel window frame, size 1540mm x 1022mm	no	1	R	R
24.5		Custom made steel window frame, size 1540mm x 1511 mm long	no	1	R	R
24.6		Custom made steel window frame, size 1540mm x 1511mm	no	1	R	R
24.7		Custom made steel window frame, size 654mm x 2489mm	no	1	R	R
24.8		Custom made steel window frame, size 1540mm x 1022mm	no	1	R	R
24.9		Custom made steel window frame, size 3783mm X 138mm	no	1	R	R
24.10		Custom made steel window frame, size 2950mm X 120mm	no	1	R	R
24.11		Supply and replace broken devil mild steel spikes 180mm high including welding and all fittings and paint to make good	no	1	R	R
24.12		Supply and replace broken devil stainless steel spikes 180mm high including welding and all fittings and paint to make good	no	1	R	R
24.13		Supply and replace broken mild steel palisade panel size, 3000 x 1800mm high, including welding and paint work to make good	no	1	R	R
24.14		Supply and replace broken stainless steel palisade panel size, 3000 x 1800mm high, including relevant welding and paint work to make good	no	1	R	R
24.15		Supply and replace a broken Ultra lock small on burglar door and gates including welding and paint to make good	no	1	R	R
24.16		Supply and replace a broken Ultra lock Large on burglar door and gates including welding paint to make good.	no	1	R	R
24.17		Supply, replace and repair broken standard size 813mm X 2032mm high, single security steel burglar bar door	no	1	R	R
24.18		Supply, replace and repair broken standard size 1700mm X 2100mm high, double security steel burglar bar door	no	1	R	R
24.19		Supply, replace and repair broken standard size 813mm X 2032mm high security steel door and window burglar bar.	no	1	R	R
24.20		Supply and replace broken gate wheels kits 60mm set	no	1	R	R
24.21		Supply and replace broken gate wheels kits 80mm set	no	1	R	R
24.22		Supply and replace broken Heavy burglar door Hinges 120 x 15 x 185mm welded on the frame	no	1	R	R
24.23		Supply and replace broken Heavy burglar door Hinge, size 120 x 15 x 185mm welded on the frame Supply and replace broken bullet Hinge, size 120 x 15 x 185mm welded on the frame	no	1	R	R
24.24		Supply and replace broken heavy duty drop side short Hinge, welded on the frame	no	1	R	R

24.25		Supply and replace broken heavy duty drop side with flat Hinge, welded on the frame	no	1	R	R
24.26		Supply and replace sliding gate guide rollers set, including welding works, round bars to the welded with/on, grinding work, painting to match existing paint, making good etc..	no	1	R	R
25		DOOR AND WINDOW SAFETY BURGLARS				
25.1		Burglar Door. Using 10X10X2 mm thick Steel Square tube for division				
25.1.1		Design and install square steel tubes safety burglar door including door frame using 25X25X3mm, centre to centre space should not exceed 100mm, door should include ultra lock and butterfly hinges and complete welding not exceeding 2.5 m2	no	1	R	R
25.1.2		Design and install square steel tubes safety burglar door including door frame using 25X25X3mm, centre to centre space should not exceed 100mm, door should include ultra lock and butterfly hinges and complete welding, exceeding 2.5 m2 and not exceeding 3.5 m2	no	1	R	R
25.1.3		Design and install square steel tubes safety burglar door including door frame using 25X25X3mm, centre to centre space should not exceed 100mm, door should include ultra lock and butterfly hinges and complete welding exceeding 3.5 m2	no	1	R	R
25.1.4		Supply, weld, grind, make good and paint a flat bar size 25mm wide and 2100mm high on the door and frame	no	1	R	R
25.1.5		Supply, weld, grind, make good and paint a flat bar size 40mm wide and 2100mm high on the door and frame	no	1	R	R
25.2		Burglar door using 12 mm diameter Steel Round bar for division				
25.2.1		Design and install square steel tubes and 12mm diameter steel safety burglar door including door frame using 25X25X3mm, centre to centre space of the round bar should not exceed 100mm, door should include ultra lock and butterfly hinges and complete welding not exceeding 2.5 m2	no	1	R	R
25.2.2		Design and install square steel tubes and 12mm diameter steel safety burglar door including door frame using 25X25X3mm, centre to centre space should not exceed 100mm, door should include ultra lock and butterfly hinges and complete welding, exceeding 2.5 m2 and not exceeding 3.5 m2	no	1	R	R
25.2.3		Design and install steel square and 12mm diameter steel tubes safety burglar door including door frame using 25X25X3mm, centre to centre space should not exceed 100mm, door should include ultra lock and butterfly hinges and complete welding exceeding 3.5 m2	no	1	R	R
25.2.4		Supply, weld, grind, make good and paint a flat bar size 25mm wide and 2100mm high on the door and frame	no	1	R	R
25.2.5		Supply, weld, grind, make good and paint a flat bar size 40mm wide and 2100mm high on the door and frame	no	1	R	R

25.3		Burglar window/opening. Using 20X20X2 mm thick Steel Square tube				
25.3.1		Design and install square steel tubes safety burglar window including frame using 20X20X2mm, centre to centre space should not exceed 100mm, and complete welding not exceeding 1.5 m2	no	1	R	R
25.3.2		Design and install square steel tubes safety burglar window including frame using 20X20X2mm, centre to centre space should not exceed 100mm, and complete welding exceeding 1.5 m2 but not exceeding 2.00m2	no	1	R	R
25.3.3		Design and install square steel tubes safety burglar window including frame using 20X20X2mm, centre to centre space should not exceed 100mm, and complete welding not exceeding 2.5 m2	no	1	R	R
25.3.4		Design and install square steel tubes safety burglar window including frame using 20X20X2mm, centre to centre space should not exceed 100mm and complete welding, exceeding 2.5 m2 and not exceeding 3.5 m2	no	1	R	R
25.3.5		Design and install square steel tubes safety burglar window including door frame using 20X20X3mm, centre to centre space should not exceed 100mm and complete welding exceeding 3.5 m2	no	1	R	R
25.4		Burglar window/opening using. 12 mm diameter Steel Round bar.				
25.4.1		Design and install 12mm diameter steel safety burglar window including frame using 12mm diameter mild steel, centre to centre space should not exceed 100mm, and complete welding not exceeding 1.5 m2	no	1	R	R
25.4.2		Design and install 12mm diameter steel safety burglar window including door frame using 12mm diameter mild steel, centre to centre space should not exceed 100mm, and complete welding exceeding 1.5 m2 but not exceeding 2.00m2	no	1	R	R
25.4.3		Design and install 12mm diameter steel safety burglar window including door frame using 12mm diameter mild steel, centre to centre space should not exceed 100mm, and complete welding not exceeding 2.5 m2	no	1	R	R
25.4.4		Design and install 12mm diameter steel safety burglar window including door frame using 12mm diameter mild steel, centre to centre space should not exceed 100mm and complete welding, exceeding 2.5 m2 and not exceeding 3.5 m2	no	1	R	R
25.4.5		Design and install 12mm diameter steel safety burglar window including door frame using 12mm diameter mild steel, centre to centre space should not exceed 100mm and complete welding exceeding 3.5 m2	no	1	R	R
25.5		Closing of opening using solid sheet plate				
25.5.1		Supply and install 2mm thick steel plate welded on the existing steel frame and make good, not	no	1	R	R

		exceed 100mm, and complete welding not exceeding 1.5 m2				
25.5.2		Supply and install 2mm thick steel plate welded on the existing steel frame and make good exceeding 1.5 m2 but not exceeding 2.00m2	no	1	R	R
25.5.3		Supply and install 2mm thick steel plate welded on the existing steel frame and make good exceeding 2.5 m2	no	1	R	R
25.5.4		Supply and install 2mm thick steel plate welded on the existing steel frame and make exceeding 2.5 m2 and not exceeding 3.5 m2	no	1	R	R
25.5.5		Supply and install 2mm thick steel plate welded on the existing steel frame and make exceeding 3.5 m2	no	1	R	R
25.6		Closing of opening using expanded metal mesh				
25.6.1		Supply and install 2mm thick steel expanded metal mesh welded on the existing steel frame and make good, not exceed 100mm, and complete welding not exceeding 1.5 m2	no	1	R	R
25.6.2		Supply and install 2mm thick steel expanded metal mesh welded on the existing steel frame and make good exceeding 1.5 m2 but not exceeding 2.00m2	no	1	R	R
25.6.3		Supply and install 2mm thick steel expanded metal mesh welded on the existing steel frame and make good exceeding 2.5 m2	no	1	R	R
25.6.4		Supply and install 2mm thick steel expanded metal mesh welded on the existing steel frame and make exceeding 2.5 m2 and not exceeding 3.5 m2	no	1	R	R
25.6.5		Supply and install 2mm thick steel expanded mesh welded on the existing steel frame and make exceeding 3.5 m2	no	1	R	R
25.7		Gates and fencing work				
25.7.1		Design, manufacture, and install a complete rectangular gate, made of mild-steel rectangular tube gate frame 6000mm long and 2000mm high, with mild steel size 50x25x4mm thick, with two 80mm heavy duty wheels, vertical 25x25x2mm thick angle iron with spikes on top, 100mm centre to centre, including internal bracing with 50X25X4mm steel, paint work and making good	no	1	R	R
25.7.2		Design, manufacture, and install a complete rectangular gate, made out of stainless-steel rectangular tube gate frame 6000mm long and 2000mm high, with stainless steel, size 50x25x4mm thick, with two 80mm heavy duty wheels, vertical 25x25x2mm thick angle iron with spikes on top, 100mm centre to centre, including internal bracing with 50X25X4mm, paint work and making good	no	1	R	R
25.7.3		Supply and replace a damaged double leaf diamond mesh gates size 3600x1200mm, with all poles and size 300X300mm concreting of pole including welding.	no	1	R	R
25.7.4		Supply and replace a damaged mild-steel devils fork palisade panel's size 3000x1600	no	1	R	R

25.7.5		mm, with all pales angle iron 25X25X2mm, horizontal angle iron 40X40X2mm including welding				
25.7.6		Supply and replace a damaged stainless-steel palisade 2mm thick panel's size 3000x1800mm, with all pales angle iron 25X25X2mm, horizontal angle iron 40X40X2mm including welding	no	1	R	R
25.7.7		Supply and replace a damaged 76X76mm, 2400mm high, mild steel corner post, planted on 400X400X400mm deep footing, with 25mpa 19mm concrete stones	no	1	R	R
25.8		Supply, delivery and installation of Handrails				
25.8.1		Handrail tubing stainless-steel	m	1	R	R
25.8.2		90-degree long radius stainless-steel handrail bend	no	1	R	R
25.8.3		90-degree short radius stainless-steel handrail bend	no	1	R	R
25.8.4		130-degree stainless-steel handrail bend	no	1	R	R
25.8.5		1305degree stainless-steel handrail bend	no	1	R	R
25.8.6		140-degree stainless-steel handrail bend	no	1	R	R
25.8.7		145-degree stainless-steel handrail bend	no	1	R	R
25.8.8		150-degree stainless-steel handrail bend	no	1	R	R
25.8.9		30 top mount stainless-steel stanchion	no	1	R	R
25.8.10		35 top mount stainless-steel stanchion	no	1	R	R
25.8.11		40 top mount stainless-steel stanchion	no	1	R	R
25.8.12		45 top mount stainless-steel stanchion	no	1	R	R
25.8.13		90 top mount stainless-steel stanchion	no	1	R	R
25.8.14		90 PEG mount stainless-steel stanchion	no	1	R	R
25.8.15		90 side mount stainless-steel stanchion	no	1	R	R
25.8.16		90 short top mount stainless-steel stanchion	no	1	R	R
25.8.17		30 right / left side mount stainless-steel stanchion	no	1	R	R
25.8.18		35 right / left side mount stainless-steel stanchion	no	1	R	R
25.8.19		40 right / left side mount stainless-steel stanchion	no	1	R	R

25.8.20		45 right / left side mount stainless-steel stanchion	no	1	R	R
25.8.21		30 angle top mount stainless-steel stanchion	no	1	R	R
25.8.22		35 angle top mount stainless-steel stanchion	no	1	R	R
25.8.23		40 angle top mount stainless-steel stanchion	no	1	R	R
25.8.24		45 angle top mount stainless-steel stanchion	no	1	R	R
25.8.25		30-degree stainless-steel straight closure	no	1	R	R
25.8.26		35-degree stainless-steel straight closure	no	1	R	R
25.8.27		40-degree stainless-steel straight closure	no	1	R	R
25.8.28		45-degree stainless-steel straight closure	no	1	R	R
25.8.29		90-degree stainless-steel straight closure	no	1	R	R
25.8.30		Wall end stainless-steel plate	no	1	R	R
25.8.31		Connecting ferrule for handrail tubing	no	1	R	R
25.8.32		End plug for handrail tubing	no	1	R	R
25.8.33		Handrail tubing galvanised steel	m	1	R	R
25.8.34		90-degree long radius galvanised steel handrail bend	no	1	R	R
25.8.35		90-degree short radius galvanised steel handrail bend	no	1	R	R
25.8.36		130-degree galvanised steel handrail bend	no	1	R	R
25.8.37		1305degree galvanised steel handrail bend	no	1	R	R
25.8.38		140-degree galvanised steel handrail bend	no	1	R	R
25.8.39		145-degree galvanised steel handrail bend	no	1	R	R
25.8.40		150-degree galvanised steel handrail bend	no	1	R	R
25.8.41		30 top mount galvanised steel stanchion	no	1	R	R
25.8.42		35 top mount galvanised steel stanchion	no	1	R	R
25.8.43		40 top mount galvanised steel stanchion	no	1	R	R

25.8.44		45 top mount galvanised steel stanchion	no	1	R	R
25.8.45		90 top mount galvanised steel stanchion	no	1	R	R
25.8.46		90 PEG mount galvanised steel stanchion	no	1	R	R
25.8.47		90 side mount galvanised steel stanchion	no	1	R	R
25.8.48		90 short top mount galvanised steel stanchion	no	1	R	R
25.8.49		30 right / left side mount galvanised steel stanchion	no	1	R	R
25.8.50		35 right / left side mount galvanised steel stanchion	no	1	R	R
25.8.51		40 right / left side mount galvanised steel stanchion	no	1	R	R
25.8.52		45 right / left side mount galvanised steel stanchion	no	1	R	R
25.8.53		30 angle top mount galvanised steel stanchion	no	1	R	R
25.8.54		35 angle top mount galvanised steel stanchion	no	1	R	R
25.8.55		40 angle top mount galvanised steel stanchion	no	1	R	R
25.8.56		45 angle top mount galvanised steel stanchion	no	1	R	R
25.8.57		30-degree galvanised steel straight closure	no	1	R	R
25.8.58		35-degree galvanised steel straight closure	no	1	R	R
25.8.59		40-degree galvanised steel straight closure	no	1	R	R
25.8.60		45-degree galvanised steel straight closure	no	1	R	R
25.8.61		90-degree galvanised steel straight closure	no	1	R	R
25.8.62		Wall end galvanised steel plate	no	1	R	R
25.8.63		Handrail tubing fibreglass	m	1	R	R
25.8.64		90-degree long radius fibreglass handrail bend	no	1	R	R
25.8.65		90-degree short radius fibreglass handrail bend	no	1	R	R
25.8.66		130-degree fibreglass handrail bend	no	1	R	R
25.8.67		1305degree fibreglass handrail bend	no	1	R	R

25.8.68		140-degree fiberglass handrail bend	no	1	R	R
25.8.69		145-degree fiberglass handrail bend	no	1	R	R
25.8.70		150-degree fiberglass handrail bend	no	1	R	R
25.8.71		30 top mount fiberglass stanchion	no	1	R	R
25.8.72		35 top mount fiberglass stanchion	no	1	R	R
25.8.73		40 top mount fiberglass stanchion	no	1	R	R
25.8.74		45 top mount fiberglass stanchion	no	1	R	R
25.8.75		90 top mount fiberglass stanchion	no	1	R	R
25.8.76		90 PEG mount fiberglass stanchion	no	1	R	R
25.8.77		90 side mount fiberglass stanchion	no	1	R	R
25.8.78		90 short top mount fiberglass stanchion	no	1	R	R
25.8.79		30 right / left side mount fiberglass stanchion	no	1	R	R
25.8.80		35 right / left side mount fiberglass stanchion	no	1	R	R
25.8.81		40 right / left side mount fiberglass stanchion	no	1	R	R
25.8.82		45 right / left side mount fiberglass stanchion	no	1	R	R
2.8.83		30 angle top mount fiberglass stanchion	no	1	R	R
25.8.84		35 angle top mount fiberglass stanchion	no	1	R	R
25.8.85		40 angle top mount fiberglass stanchion	no	1	R	R
25.8.86		45 angle top mount fiberglass stanchion	no	1	R	R
25.8.87		30-degree fiberglass straight closure	no	1	R	R
25.8.88		35-degree fiberglass straight closure	no	1	R	R
25.8.89		40-degree fiberglass straight closure	no	1	R	R
25.8.90		45-degree fiberglass straight closure	no	1	R	R
25.8.91		90-degree fiberglass straight closure	no	1	R	R

25.8.92		Wall end fiberglass plate	no	1	R	R
25.9		Supply, delivery and installation of Gratings				
25.9.1		40x4.5mm stainless steel grating 2400x1200mm	m ²	1	R	R
25.9.2		50x4.5mm stainless steel grating 2400x1200mm	m ²	1	R	R
25.9.3		60x4.5mm stainless steel grating 2400x1200mm	m ²	1	R	R
25.9.4		40x4.5mm galvanised steel grating 2400x1200mm	m ²	1	R	R
25.9.5		50x4.5mm galvanised steel grating 2400x1200mm	m ²	1	R	R
25.9.6		60x4.5mm galvanised steel grating 2400x1200mm	m ²	1	R	R
25.9.7		25mm fiberglass grating 2400x1200mm	m ²	1	R	R
25.9.8		30mm fiberglass grating 2400x1200mm	m ²	1	R	R
25.9.9		38mm fiberglass grating 2400x1200mm	m ²	1	R	R
25.9.10		50mm fiberglass grating 2400x1200mm	m ²	1	R	R
25.9.11		300x300 mm L/D Square Dish Grate & Frame Cast Iron grate and frame	m ²	1	R	R
25.9.12		450x450 mm L/D Square Dish Grate & Frame Cast Iron grate and frame	m ²	1	R	R
25.9.13		600x600 mm L/D Square Dish Grate & Frame Cast Iron grate and frame	m ²	1	R	R
25.10		Supply, delivery and installation of steel plate covers				
25.10.1		Stainless sheet (kg) Grade 304 L 2B 0.9x2500x1250mm	no	1	R	R
25.10.2		Stainless sheet (kg) Grade 304 L 2B 1.2x2500x1000mm	no	1	R	R
25.10.3		Stainless sheet (kg) Grade 304 L 2B 1.5x2500x1250mm	no	1	R	R
25.10.4		Galvanised sheet ISQ 230 Z275 0.8x2450x925mm				
25.10.5		Galvanised sheet ISQ 230 Z275 1x2450x1225mm	no	1	R	R
25.10.6		Galvanised sheet ISQ 230 Z275 1.2x2450x1225mm	no	1	R	R
25.11		Supply, delivery and installation of ladders				
25.11.1		135kg straight aluminium ladder 3.6m	no	1	R	R

25.11.2		135kg straight aluminium ladder 4.2m	no	1	R	R
25.11.3		135kg straight aluminium ladder 6m	no	1	R	R
25.11.4		135kg industrial double-sided aluminium step ladder 1.2m	no	1	R	R
25.11.5		135kg industrial double-sided aluminium step ladder 2.4m	no	1	R	R
25.11.6		135kg industrial double-sided aluminium step ladder 3.6m	no	1	R	R
25.11.7		135kg extension aluminium ladder 2.4 to 4.2 m	no	1	R	R
25.11.8		135kg extension aluminium ladder 3.3 to 6.0 m	no	1	R	R
25.11.9		115kg multi-purpose aluminium folding ladder 1000 x 380 x 300 mm	no	1	R	R
25.11.10		1.96m stainless steel fixed ladder with: 7 rungs, 520mm width, 280mm rung spacing, 60x25mm stile dimensions, 30x30mm perforated rung dimensions and 2 x stainless steel connectors	no	1	R	R
25.11.11		2.8m stainless steel fixed ladder with: 10 rungs, 520mm width, 280mm rung spacing, 60x25mm stile dimensions, 30x30mm perforated rung dimensions and 2 x stainless steel connectors	no	1	R	R
25.11.12		3.64m stainless steel fixed ladder with: 13 rungs, 520mm width, 280mm rung spacing, 60x25mm stile dimensions, 30x30mm perforated rung dimensions and 2 x stainless steel connectors	no	1	R	R
25.11.13		3m stainless fixed ladder with a cage (Cage: Distance between 2 hoops shall not exceed 1500mm. Distance between two uprights shall not exceed 300mm. Empty spaces shall not be greater than 0.4 m ²)	no	1	R	R
25.11.14		4.5m stainless fixed ladder with a cage (Cage: Distance between 2 hoops shall not exceed 1500mm. Distance between two uprights shall not exceed 300mm. Empty spaces shall not be greater than 0.4 m ²)	no	1	R	R
25.11.15		6m stainless fixed ladder with a cage (Cage: Distance between 2 hoops shall not exceed 1500mm. Distance between two uprights shall not exceed 300mm. Empty spaces shall not be greater than 0.4 m ²)	no	1	R	R
25.11.16		3m galvanised steel fixed ladder with a cage (Cage: Distance between 2 hoops shall not exceed 1500mm. Distance between two uprights shall not exceed 300mm. Empty spaces shall not be greater than 0.4 m ²)	no	1	R	R
25.11.17		4.5m galvanised steel fixed ladder with a cage (Cage: Distance between 2 hoops shall not exceed 1500mm. Distance between two uprights shall not exceed 300mm. Empty spaces shall not be greater than 0.4 m ²)	no	1	R	R
25.11.18		6m galvanised steel fixed ladder with a cage (Cage: Distance between 2 hoops shall not exceed 1500mm. Distance between two uprights shall not exceed 300mm. Empty spaces shall not be greater than 0.4 m ²)	no	1	R	R

Item No	Payment Ref	Description	Unit	Qty	Rate (Vat Exclusive) R	Rate (Vat Inclusive) R
SECTION 9: PLASTERING AND PAINTING WORK						
26.		PLASTERING WORK				
26.1		Make good to holes, cracks, dents including damaged sections, patch with new plaster and paint to match existing.	m ²	1	R	R
26.2		Make good to defects in existing floor screed.	m ²	1	R	R
26.3		Apply one coat plaster to new wall	m ²	1	R	R
26.4		One coat poly-filler to smoothen rough surface of plaster to prepare to receive paint	m ²	1	R	R
26.5		Hack off plaster, apply damp repellent and re plaster and paint to match existing	m ²	1	R	R
26.6		Hack off plaster, apply damp repellent and re plaster and paint to match existing	m ²	1	R	R
27		FLOOR COVERINGS AND FINISHES				
27.1		Employer will supply grout, tile cement Floor and wall tiles where specified (Labour Only)	m ²	1	R	R
27.1.1		Replace damaged ceramic wall tiles with new to match existing. (labour only)	m ²	1	R	R
27.1.2		Replace damaged ceramic floor tiles with new to match existing. (labour only)	m ²	1	R	R
27.1.3		Replace damaged mosaic tiles with new to match existing. (supply and fit)	m ²	1	R	R
27.1.4		Replace damaged wooden floor covering with new to match existing. (supply and fit)	m ²	1	R	R
27.1.5		New wall tiling to match existing where damaged.	m ²	1	R	R
27.1.6		New floor tiling to match existing where damaged.	m ²	1	R	R
27.1.7		New wooden covering to match existing where damaged. (supply and fit)	m ²	1	R	R
27.1.8		Replace carpet to match existing. (supply and fit)	m ²	1	R	R
27.19		Cleaning of carpet	m ²	1	R	R
27.1.10		Install new carpet (supply and fit)	m ²	1	R	R
27.1.11		Self-levelling Polyurethane floor Coating on the floor slabs. (supply and apply)	m ²	1	R	R
28		RAINWATER WATER GOODS				

28.1		Install damaged section of existing steel galvanised square gutters 100x75mmx 6m in length and replace to matching existing including making watertight at jointing and paint.	m	1	R	R
28.2		Install damaged section of existing steel galvanised square down pipes to match gutter size 100x75mmx 6m replace with matching profile and make watertight at jointing. Paint to match existing	no	1	R	R
28.3		Install damaged section of existing round galvanised 100mm x 2700mm high diameter downpipes in length and replace with matching profile and make watertight at jointing. Paint to match existing	no	1	R	R
28.4		Install damaged section of existing steel galvanised square eave off-set pipes to match gutter size 100x75mmx 6m replace with matching profile and make watertight at jointing. Paint to match existing	no	1	R	R
28.5		Install damaged section of existing steel galvanised 100mm round diameter eave off-set pipe and replace with matching profile and make watertight at jointing. Paint to match existing	no	1	R	R
28.6		Install damaged section of existing steel galvanised square shoes pipe to match gutter size 100x75mmx 6m replace with matching profile and make watertight at jointing. Paint to match existing	no	1	R	R
28.7		Install damaged section of existing steel galvanised 100mm round diameter shoes pipe and replace with matching profile and make watertight at jointing. Paint to match existing	no	1	R	R
28.8		Install of existing gutters and installation of charcoal grey seamless aluminium roof gutters size 125X85X100mm including all necessary fittings stop-ends, holding brackets, drop outlet, outer and inside corner etc.	m	1	R	R
28.9		Install of existing downpipes and installation of charcoal grey seamless aluminium down pipe suitable for gutter size 125X85X100mm including all necessary fittings like shoes, off-sets, holding brackets etc.	no	1	R	R
28.10		Install of existing gutters and installation of charcoal grey seamless aluminium roof gutters size 155X125X100mm including all necessary fittings stop-ends, holding brackets, drop outlet, outer and inside corner etc.	m	1	R	R
28.11		Install of existing downpipes and installation of charcoal grey seamless aluminium down pipe suitable for gutter size 125X85X100mm including all necessary fittings like shoes, off-sets, holding brackets etc.	no	1	R	R
28.12		Installation of new custom bent gutters made 3mm in thick metal sheet, 700mm girth including all necessary fittings stop-ends, holding brackets, drop outlet, outer and inside corner etc.	m	1	R	R
28.13		Installation of new custom bent rainwater down pipes made 3mm in thick metal sheet, 250mm girth including all necessary fittings like shoes, off-sets, holding brackets etc.	no	1	R	R
29		PAINTWORK				

29.1		Service Provider to supply paint				
		Paintwork to previously painted work				
29.1.1		Two coats of PVA on internal walls	m ²	1	R	R
29.1.2		Two coats of PVA on external walls	m ²	1	R	R
29.1.3		Two coats of PVA on ceiling and cornices	m ²	1	R	R
29.1.4		Two coats of PVA on fascia boards	m	1	R	R
29.1.5		Two coats PVA plastered (underneath) concrete slab, columns, and beams	m ²	1	R	R
29.1.6		Two coats of vanish wooden surfaces	m ²	1	R	R
29.1.7		One coat undercoat and two coats gloss to doors wooden surface	m ²	1	R	R
29.1.8		One coat undercoat and two coats gloss to windows frames	m ²	1	R	R
29.1.9		One coat undercoat and two coats gloss to burglar bars	m ²	1	R	R
29.1.10		Two coats mahogany vanish to timber doors and frames	m ²	1	R	R
29.1.11		Two coats mahogany vanish to timber window frames	m ²	1	R	R
30		Paint to New Work				
		Service Provider to supply paint				
30.1		On Floated Plaster				
30.1.1		Two PVA undercoat and two finishing coats on internal walls	m ²	1	R	R
30.1.2		Two PVA undercoat and two finishing coats on external walls	m ²	1	R	R
30.1.3		Two PVA undercoat and two finishing coats on plastered ceiling works, beams, and columns.	m ²	1	R	R
30.1.4		Two PVA undercoat and two finishing coats on fascia and barge boards not exceeding 300 mm girth	m	1	R	R
30.1.5		Two PVA undercoat and two finishing coats on smooth concrete surface	m ²	1	R	R
30.1.6		Two PVA undercoat on ceiling and cornices to match existing	m ²		R	R
31		On Metal				
31.1		Sand down, prepare and clean the surface. Service Provider to supply paint				
31.1.1		One red-oxide base undercoat and two coats of gloss paint on doors	m ²	1	R	R
31.1.2		One red-oxide base undercoat and two coats of gloss paint on doors frames	m ²	1	R	R

31.1.3		One red-oxide base undercoat and two coats of gloss paint on windows	m ²	1	R	R
31.1.4		One red-oxide base undercoat and two coats of gloss paint on window with burglars	m ²	1	R	R
31.1.5		One red-oxide base undercoat and two coats of gloss paint on steel gate	m ²	1	R	R
32		Spray painting on metal				
32.1		Sand down, prepare and clean the surface. Service Provider to supply paint				
32.1.1		One red-oxide base undercoat and two coats of gloss paint on doors	m ²	1	R	R
32.1.2		One red-oxide base undercoat and two coats of gloss paint on doors frames	m ²	1	R	R
32.1.3		One red-oxide base undercoat and two coats of gloss paint on windows	m ²	1	R	R
32.1.4		One red-oxide base undercoat and two coats of gloss paint on window with burglars	m ²	1	R	R
32.1.5		One red-oxide base undercoat and two coats of gloss paint on doors	m ²	1	R	R
32.1.6		One red-oxide base undercoat and two coats of gloss paint on steel gate	m ²	1	R	R
33		On Wood				
33.1		Sand down, prepare, clean and dust off the surface. Service Provider to supply paint				
33.1.1		Apply two coats of vanish to doors, door frames and window frames	m ²	1	R	R
34		EXTERNAL WORKS				
34.1		Interlock Paver				
34.1.1		Removal of existing paving, backfill, level and preparation of the ground for installation	m ²	1	R	R
34.1.2		Supply, delivery, preparation and install of 50mm thick paving blocks on a levelled and compacted area.	m ²	1	R	R
34.1.3		Supply, delivery, preparation and install of 60mm thick paving blocks on a levelled and compacted area.	m ²	1	R	R
34.1.4		Supply, delivery, preparation and install of 80mm thick paving blocks on a levelled and compacted area.	m ²	1	R	R
34.1.5		Supply and install of Figure 7 garden kerbstone paving blocks (SABS approved)	M	1	R	R
35		Bevel grey Paver				
35.1		Removal of existing paving, backfill, level and preparation of the ground for installation	m ²	1	R	R
35.2		Supply, delivery, preparation and install of 50mm thick paving blocks on a levelled and compacted area.	m ²	1	R	R

35.3		Supply, delivery, preparation and install of 60mm thick paving blocks on a levelled and compacted area.	m ²	1	R	R
35.4		Supply, delivery, preparation and install of 80mm thick paving blocks on a levelled and compacted area.	m ²	1	R	R
35.5		Supply and install of Figure 7 garden kerbstone paving blocks (SABS approved)	m	1	R	R
36		Fire extinguishers				
36.1		All extinguishers and related services supplied should be SANS 1910 compliant and that the equipment clearly displays the certification mark of SANS 1910				
36.1.1		Supply, delivery and installation of a complete 1.5 kg Chemical Dry Powder (CDP) fire extinguisher, marked with PVC self-adhesive numbers (black 50 mm).	kg	1	R	R
36.1.2		Supply, delivery and installation of a complete 2.5 kg Chemical Dry Powder (CDP) fire extinguisher, marked with PVC self-adhesive numbers (black 50 mm).	kg	1	R	R
36.1.3		Supply, delivery and installation of a complete 4.5 kg Chemical Dry Powder (CDP) fire extinguisher, marked with PVC self-adhesive numbers (black 50 mm).	kg	1	R	R
36.1.4		Supply, delivery and installation of a complete 9 kg Chemical Dry Powder (CDP) fire extinguisher, marked with PVC self-adhesive numbers (black 50 mm).	kg	1	R	R
36.1.5		Supply, delivery and installation of a complete 2 kg Carbon Dioxide (CO ₂) fire extinguisher, marked with PVC self-adhesive numbers (black 50 mm).	kg	1	R	R
36.1.6		Supply, delivery and installation of a complete 5 kg Carbon Dioxide (CO ₂) fire extinguisher, marked with PVC self-adhesive numbers (black 50 mm).	kg	1	R	R
36.1.7		Supply, delivery and installation of a complete 9 kg Carbon Dioxide (CO ₂) fire extinguisher, marked with PVC self-adhesive numbers (black 50 mm).	kg	1	R	R
36.1.8		Supply, Delivery, and Installation of fire extinguisher signage (380x190mm)	mm	1	R	R
36.1.9		Supply, delivery and installation of a universal wall fire extinguisher steel bracket with 450mm wood backing board.	mm	1	R	R
36.1.10		Supply, delivery and installation of a 5 kg fire extinguisher steel cabinet (Red), marked with PVC self-adhesive numbers/letters (White 50 mm).	mm	1	R	R
36.1.11		Supply, delivery and installation of a 9 kg fire extinguisher steel cabinet (Red), marked with PVC self-adhesive numbers/letters (White 50 mm).	mm	1	R	R
36.1.12		Supply, delivery and installation of 30m PVC whose reel	m	1	R	R

36.1.13		Supply, delivery and installation of hose reel wall mount frame (Red): The frame must have a mild steel plated spindle, a mild steel electro galvanised hub spacer, a nylon water way, dimensions: Length of 650mm, width of 550mm & height of 650 mm and backing plate.	no	1	R	R
36.1.14		Supply, Delivery, and Installation of hose reel signage (380x190mm)	mm	1	R	R
36.1.15		Supply, delivery and installation of 30m fire hose reel frame with mild steel plated spindle	no	1	R	R
36.1.16		Fire hose reel water supply pipe	m	1	R	R
37		Allowance for relevant essential items omitted				
37.1		Provisional sum per category per annum	Sum	1	R 2 000 000.00	R 2 000 000.00

2. PRICING SCHEDULE FOR ELECTRICAL WORKS

Item No	Payment Ref	Description	Unit	Qty	Rate (Vat Exclusive) R	Rate (Vat Inclusive) R
		SECTION 10: ELECTRICAL WORKS				
1		Labour only (Maintenance Team (Artisan and assistance))				
1.1		Normal Working hours	Per hour	1	R	R
		(07:30 to 16:30) Monday to Thursday				
		(07:30 to 13:30) Friday				
1.2		After hours and Saturdays	Per hour	1	R	R
1.3		Sundays and Public Holidays	Per hour	1	R	R
2		Travelling cost (Only travelling within 50km of MP313 radius)	km	1	R	R
3		Issue COC	Item	1	R	R
		Supply, delivery and off-loading of material:				
4		Plugs and Switches				
4.1		Single plug	Per Unit	1	R	R
4.2		Double plug	Per Unit	1	R	R
4.5		Power skirting white single plug	Per Unit	1	R	R
4.6		Power skirting white double plug	Per Unit	1	R	R
4.7		Power skirting red/dedicated single plug	Per Unit	1	R	R
4.8		Power skirting red/dedicated double plug	Per Unit	1	R	R
4.9		Plug top EURO	Per Unit	1	R	R
4.10		Plug top EURO Twin	Per Unit	1	R	R
4.11		Plug multi 1 x 16	Per Unit	1	R	R
4.12		Plug multi 2 x 5A	Per Unit	1	R	R
4.13		Plug CBI 4 x 4	Per Unit	1	R	R
4.14		York box 4 x 2	Per Unit	1	R	R
4.15		Single lever switch	Per Unit	1	R	R

4.16		Two lever switches	Per Unit	1	R	R
4.17		Three lever switches	Per Unit	1	R	R
4.18		Socket unswitched 4 x 2 5A	Per Unit	1	R	R
4.19		Cover unswitched 4 x 2 5A	Per Unit	1	R	R
4.20		SWT S2000 SL/W 4 x 2	Per Unit	1	R	R
4.21		Single extension box	Per Unit	1	R	R
4.22		Double extension box	Per Unit	1	R	R
4.23		Single extension box blank cover	Per Unit	1	R	R
4.24		Double extension box blank cover	Per Unit	1	R	R
4.25		PVC Gland no.0	Per Unit	1	R	R
5		WIRES				
5.1		GP Wire 1mm	m	1	R	R
5.2		GP Wire 1.5mm	m	1	R	R
5.3		GP Wire 2.5mm	m	1	R	R
5.4		GP Wire 4mm	m	1	R	R
5.5		GP Wire 6mm	m	1	R	R
5.6		GP Wire 10mm	m	1	R	R
5.7		GP Wire 16mm	m	1	R	R
6		CABLES				
6.1		2 core surfix 1.5 mm per meter	m	1	R	R
6.2		2 core surfix 2.5 mm per meter	m	1	R	R
6.3		2 core surfix 4 mm per meter	m	1	R	R
6.4		2 core surfix 6 mm per meter	m	1	R	R
6.5		3 core surfix 1.5 mm per meter	m	1	R	R

6.6		3 core surfix 2.5 mm per meter	m	1	R	R
6.7		3 core surfix 4 mm per meter	m	1	R	R
6.8		16X4 SWA copper cable, Trenching and Import soil for bedding etc.	m	1	R	R
6.9		25X4 SWA copper cable, Trenching and Import soil for bedding etc.	m	1	R	R
6.10		35X4 SWA copper cable, Trenching and Import soil for bedding etc.	m	1	R	R
6.11		50X4 SWA copper cable, Trenching and Import soil for bedding etc.	m	1	R	R
6.12		Power skirting cover plate	m	1	R	R
6.13		Powder coated double compartment steal power skirting with accessories	m	1	R	R
6.14		RAMSET ED655	m	1	R	R
6.15		Trunk 16 x 6 per meter	m	1	R	R
6.16		Trunk 25 x 16 per meter	m	1	R	R
6.17		Trunk 25 x 25 per meter	m	1	R	R
6.18		Cable comms 4C per meter	m	1	R	R
6.19		20mm Conduit pipe with accessories	m	1	R	R
6.20		25mm Conduit pipe with accessories	m	1	R	R
6.21		32mm Conduit pipe with accessories	m	1	R	R
6.22		40mm Conduit pipe with accessories	m	1	R	R
7		LIGHT AND FITTINGS				
7.1		2FT Tube 18-36w	Per Unit	1	R	R
7.2		4FT Tube 36-41w	Per Unit	1	R	R
7.3		5FT Tube 58w	Per Unit	1	R	R
7.4		8FT Tube 75w	Per Unit	1	R	R
7.5		PL 9w bulb/tubes	Per Unit	1	R	R
7.6		PL 13w bulb/tubes	Per Unit	1	R	R

7.7		PL 18w bulb/tubes	Per Unit	1	R	R
7.8		Wall mounted emergency lights	Per Unit	1	R	R
7.9		2FT light fitting (One globe/tube holder)	Per Unit	1	R	R
7.10		2FT light fitting (Two globe/tube holder)	Per Unit	1	R	R
7.11		2FT light fitting (Three globe/tube holder)	Per Unit	1	R	R
7.12		2FT light fitting (Four globe/tube holder)	Per Unit	1	R	R
7.13		4FT light fitting (One globe/tube holder)	Per Unit	1	R	R
7.14		4FT light fitting (Two globe/tube holder)	Per Unit	1	R	R
7.15		4FT light fitting (Three globe/tube holder)	Per Unit	1	R	R
7.16		4FT light fitting (Four globe/tube holder)	Per Unit	1	R	R
7.17		5FT light fitting (One globe/tube holder)	Per Unit	1	R	R
7.18		5FT light fitting (Two globe/tube holder)	Per Unit	1	R	R
7.19		5FT light fitting (Three globe/tube holder)	Per Unit	1	R	R
7.20		5FT light fitting (Four globe/tube holder)	Per Unit	1	R	R
7.21		8FT light fitting (One globe/tube holder)	Per Unit	1	R	R
7.22		8FT light fitting (Two globe/tube holder)	Per Unit	1	R	R
7.23		8FT light fitting (Three globe/tube holder)	Per Unit	1	R	R
7.24		8FT light fitting (Four globe/tube holder)	Per Unit	1	R	R
7.25		2D fittings	Per Unit	1	R	R
7.26		2D tube	Per Unit	1	R	R
7.27		StarterST111	Per Unit	1	R	R
7.28		160w bulb ES/BC	Per Unit	1	R	R
7.29		400w bulb ES/BC	Per Unit	1	R	R
7.30		500w bulb ES/BC	Per Unit	1	R	R

7.31		E40 Tube bulb 85watts	Per Unit	1	R	R
7.32		Day night switch P14/LS20 blue	Per Unit	1	R	R
7.33		Chokes – 40w	Per Unit	1	R	R
7.34		Chokes – 65w	Per Unit	1	R	R
7.35		Chokes – 58w	Per Unit	1	R	R
7.36		Tube 1500w Q1	Per Unit	1	R	R
7.37		Ballasts – 2FT 18-36w	Per Unit	1	R	R
7.38		Ballasts – 4FT 36-41w	Per Unit	1	R	R
7.39		Ballasts – 5FT 58w	Per Unit	1	R	R
7.40		Ballasts – 8FT 75w	Per Unit	1	R	R
7.41		40x2 Electronic Ballasts 18-36w	Per Unit	1	R	R
7.42		54x2 Electronic Ballasts 36-41w	Per Unit	1	R	R
7.43		58x2 Electronic Ballasts 58w	Per Unit	1	R	R
7.44		54x4 Electronic Ballasts 75w	Per Unit	1	R	R
7.45		Two-way ballasts	Per Unit	1	R	R
7.46		Bowl fitting 6 inch	Per Unit	1	R	R
7.47		Bowl fitting 8 inch	Per Unit	1	R	R
7.48		60w energy saver	Per Unit	1	R	R
7.49		15w EJ Flash energy saver	Per Unit	1	R	R
7.50		14w BC energy saver	Per Unit	1	R	R
7.51		80w E40 energy saver	Per Unit	1	R	R
7.52		85w E40 energy saver	Per Unit	1	R	R
7.53		20/22w BC energy saver	Per Unit	1	R	R
7.54		9w ES energy saver	Per Unit	1	R	R

7.55		70w compact bulbs	Per Unit	1	R	R
7.56		70w NPS bulbs	Per Unit	1	R	R
7.57		150w NPS bulbs	Per Unit	1	R	R
7.58		500w spotlights tubes	Per Unit	1	R	R
7.59		1000w spotlights tubes	Per Unit	1	R	R
7.60		1500w spotlights tubes	Per Unit	1	R	R
7.61		400w LED Flood lights	Per Unit	1	R	R
7.62		750w LED Flood lights	Per Unit	1	R	R
7.63		1000w LED Floods lights	Per Unit	1	R	R
7.64		1500w LED Floods lights	Per Unit	1	R	R
8		DOWN LIGHTS				
8.1		SWT Down lite LS16	Per Unit	1	R	R
9		ISOLATOR				
9.1		Stove isolator 60W	Per Unit	1	R	R
9.2		Stove isolator 80W	Per Unit	1	R	R
10		CIRCUIT BREAKERS				
10.1		10-amp Circuit Breaker 2.5ka	Per Unit	1	R	R
10.2		20-amp Circuit Breaker 2.5ka	Per Unit	1	R	R
10.3		30-amp Circuit Breaker 2.5ka	Per Unit	1	R	R
10.4		40-amp Circuit Breaker 2.5ka	Per Unit	1	R	R
10.5		60-amp Circuit Breaker 2.5ka	Per Unit	1	R	R
10.6		20-amp Circuit Breaker 5ka	Per Unit	1	R	R
10.7		40-amp Circuit Breaker 5ka	Per Unit	1	R	R
10.8		60-amp Circuit Breaker 5ka single pole	Per Unit	1	R	R

10.9		80-amp Circuit Breaker 5ka	Per Unit	1	R	R
10.10		100-amp Circuit Breaker 5ka	Per Unit	1	R	R
10.11		120-amp Circuit Breaker	Per Unit	1	R	R
10.12		250-amp Circuit Breaker	Per Unit	1	R	R
11		EARTH LEAKAGE				
11.1		60-amp Earth Leakage	Per Unit	1	R	R
11.2		63-amp Earth Leakage	Per Unit	1	R	R
11.3		80-amp Earth Leakage 3 phase	Per Unit	1	R	R
11.4		100-amp Earth Leakage 3 phase	Per Unit	1	R	R
12.5		Distribution Board (Ready Board)	Per Unit	1	R	R
12.6		8-way Distribution Board	Per Unit	1	R	R
12.7		12-way Distribution Board	Per Unit	1	R	R
12.8		16-way Distribution Board	Per Unit	1	R	R
12.9		24-way Distribution Board	Per Unit	1	R	R
12.10		30-way Distribution Board	Per Unit	1	R	R
11.11		DB blanks	Per Unit	1	R	R
12		CONTACTORS				
12.1		16-amp Contactor 240V	Per Unit	1	R	R
12.2		16-amp Contactor 380V	Per Unit	1	R	R
12.3		25-amp Contactor 240V	Per Unit	1	R	R
12.4		25-amp Contactor 380V	Per Unit	1	R	R
12.5		32-amp Contactor 240V	Per Unit	1	R	R
12.6		32-amp Contactor 380V	Per Unit	1	R	R
12.7		42-amp Contactor 240V	Per Unit	1	R	R

12.8		42-amp Contactor 380V	Per Unit	1	R	R
13		ELECTRICAL SPARE PARTS				
13.1		Fuses (sizes)	Per Unit	1	R	R
13.2		Insulation type	Per Unit	1	R	R
13.3		Element 2Y8	Per Unit	1	R	R
13.4		Element Baile SBEB52	Per Unit	1	R	R
13.5		Element VRY 3kw	Per Unit	1	R	R
13.6		5A Fuse	Per Unit	1	R	R
13.7		10A fuse	Per Unit	1	R	R
13.8		20A fuse	Per Unit	1	R	R
13.9		Stove switch	Per Unit	1	R	R
13.10		Silicone wire per meter	Per Unit	1	R	R
13.11		Stove solid plate 6 inch	Per Unit	1	R	R
13.12		Stove solid plate 9 inch	Per Unit	1	R	R
13.13		Stove spiral plate 6 inch	Per Unit	1	R	R
13.14		Stove spiral plate 9 inch	Per Unit	1	R	R
13.15		Lamp m/blend 160w ES	Per Unit	1	R	R
13.16		Tube PL 13w	Per Unit	1	R	R
13.17		Gall 6" F/GL	Per Unit	1	R	R
13.18		Replace 4 solid plate electrical black stoves, depth 630mm, height 119mm and length	Per Unit	1	R	R
13.19		Build-in stove oven, Height 600mm, Width 595mm, depth 570 aperture. Bake, grill, pull-down and removable double glass oven door, 700-2300 temp range	Per Unit	1	R	R
13.2		600mm wide Cooker hood with 2 lights 2 aluminium filters Charcoal filter Twin three speed fan Push button controls	Per unit	1	R	R

13.2.1		600mm Slimline Solid Plate Hob, number of plates 4, solid plates, enamel top surface with knob controls	Per unit	1	R	R
13.2.2		Gate motor-D10, Input Voltage 90-240V, Motor Voltage 12v DC, AC +/- 10%, 50Hz with sundries	Per Unit	1	R	R
13.2.3		Gate motor-D5, Input Voltage 90-240V, Motor Voltage 24v DC, AC +/- 10%, 50Hz with sundries	Per Unit	1	R	R
13.2.4		Lightning protectors for buildings	Per Unit	1	R	R
13.2.5		Gate motor batteries 12.0V, 7-amp battery	Per Unit	1	R	R
13.2.6		Gate motor ET BLU MIX remotes with four buttons	Per Unit	1	R	R
13.2.7		Radiant occupancy/motion sensor indoor 1200W	Per Unit	1	R	R
13.2.8		Cable chips	item	1	R	R
13.2.9		Porcelain screws midget	item	1	R	R
13.2.10		Self-tapping screws	item	1	R	R
13.2.11		Butterfly screws	item	1	R	R
13.2.12		16x16 Ferule	item	1	R	R
13.2.13		16x16 lugs	item	1	R	R
13.2.14		16x16 Splicing Kid	no	1	R	R
14		Allowance for relevant essential items omitted				
14.1		Provisional sum per category per annum	Sum	1	R 200 000.00	R 200 000.00

3. PRICING SCHEDULE FOR PLUMBING WORKS

Item No	Payment Ref	Description	Unit	Qty	Rate (Vat Exclusive) R	Rate (Vat Inclusive) R
		<u>SECTION 11: PLUMBING WORKS</u>				
		Plumbing team (Artisan and Assistance)	Hr	1		
1		Labour only				
1.1		Normal Working hours	Per hour	1	R	R
		(07:30 to 16:30) Monday to Thursday				
		(07:30 to 13:30) Fridays				
1.2		After hours and Saturdays	Per hour	1	R	R
1.3		Sundays and Public Holidays	Per hour	1	R	R
1.4		Travelling costs	km	1	R	R
2		Supply, delivery and off-loading of material:				
2.1		15mm copper pipe	m	1	R	R
2.2		22mm copper pipe	m	1	R	R
2.3		28mm copper pipe	m	1	R	R
2.4		35mm copper pipe	m	1	R	R
2.5		42mm copper pipe	m	1	R	R
2.6		76mm copper pipe	m	1	R	R
3		15mm Copper fittings capillary:				
3.1		Straight male	no	1	R	R
3.2		Straight female	no	1	R	R
3.3		Elbow male	no	1	R	R
3.4		Elbow female	no	1	R	R
3.5		Socket	no	1	R	R

3.6		90-degree elbow	no	1	R	R
3.7		45-degree elbow	no	1	R	R
3.8		Reducing centre tee	no	1	R	R
3.9		Bottle tee	no	1	R	R
3.10		Tee	no	1	R	R
3.11		Centre female tee	no	1	R	R
3.12		Bulkhead elbow	no	1	R	R
3.13		Reducing socket	no	1	R	R
3.14		Reducing elbow	no	1	R	R
3.15		Copper fitting conex	no	1	R	R
3.16		Coupling	no	1	R	R
3.17		15mm Unitwist elbow or Equivalent	no	1	R	R
3.18		15mm Conex elbow	no	1	R	R
3.19		15mm Galvanised plug	no	1	R	R
3.20		15mm Galvanised end cap	no	1	R	R
3.21		15mm Brass non-return valve	no	1	R	R
4		22mm Copper fittings capillary:				
4.1		Straight male	no	1	R	R
4.2		Straight female	no	1	R	R
4.3		Elbow male	no	1	R	R
4.4		Elbow female	no	1	R	R
4.5		Socket	no	1	R	R
4.6		90-degree elbow	no	1	R	R
4.7		45-degree elbow	no	1	R	R

4.8		Reducing centre tee	no	1	R	R
4.9		Bottle tee	no	1	R	R
4.10		Tee	no	1	R	R
4.11		Centre female tee	no	1	R	R
4.12		Bulkhead elbow	no	1	R	R
4.13		Reducing socket	no	1	R	R
4.14		Reducing elbow	no	1	R	R
4.15		Copper fitting conex	no	1	R	R
4.16		Coupling	no	1	R	R
4.17		22mm Unitwist elbow or Equivalent	no	1	R	R
4.18		22mm Conex elbow	no	1	R	R
4.19		22mm Galvanised plug	no	1	R	R
4.20		22mm Galvanised end cap	no	1	R	R
4.21		22mm Brass non-return valve	no	1	R	R
5		28mm Copper fittings capillary:				
5.1		Straight male	no	1	R	R
5.2		Straight female	no	1	R	R
5.3		Elbow male	no	1	R	R
5.4		Elbow female	no	1	R	R
5.5		Socket	no	1	R	R
5.6		90-degree elbow	no	1	R	R
5.7		45-degree elbow	no	1	R	R
5.8		Reducing centre tee	no	1	R	R
5.9		Bottle tee	no	1	R	R

5.10		Tee	no	1	R	R
5.11		Centre female tee	no	1	R	R
5.12		Bulkhead elbow	no	1	R	R
5.13		Reducing socket	no	1	R	R
5.14		Reducing elbow	no	1	R	R
5.15		Copper fitting conex	no	1	R	R
5.16		Coupling	no	1	R	R
5.17		28mm Unitwist elbow or Equivalent	no	1	R	R
5.18		28mm Conex elbow	no	1	R	R
5.19		28mm Galvanised plug	no	1	R	R
5.20		28mm Galvanised end cap	no	1	R	R
5.21		28mm Brass non-return valve	no	1	R	R
6		35mm Copper fittings capillary:				
6.1		Straight male	no	1	R	R
6.2		Straight female	no	1	R	R
6.3		Elbow male	no	1	R	R
6.4		Elbow female	no	1	R	R
6.5		Socket	no	1	R	R
6.6		90-degree elbow	no	1	R	R
6.7		45-degree elbow	no	1	R	R
6.8		Reducing centre tee	no	1	R	R
6.9		Bottle tee	no	1	R	R
6.10		Tee	no	1	R	R
6.11		Centre female tee	no	1	R	R

6.12		Bulkhead elbow	no	1	R	R
6.13		Reducing socket	no	1	R	R
6.14		Reducing elbow	no	1	R	R
6.15		Copper fitting conex	no	1	R	R
6.16		Coupling	no	1	R	R
6.17		28mm Unitwist elbow or Equivalent	no	1	R	R
6.18		35mm Conex elbow	no	1	R	R
6.19		35mm Galvanised plug	no	1	R	R
6.20		35mm Galvanised end cap	no	1	R	R
6.21		35mm Brass non-return valve	no	1	R	R
7		42mm Copper fittings capillary:				
7.1		Straight male	no	1	R	R
7.2		Straight female	no	1	R	R
7.3		Elbow male	no	1	R	R
7.4		Elbow female	no	1	R	R
7.5		Socket	no	1	R	R
7.6		90-degree elbow	no	1	R	R
7.7		45-degree elbow	no	1	R	R
7.8		Reducing centre tee	no	1	R	R
7.9		Bottle tee	no	1	R	R
7.10		Tee	no	1	R	R
7.11		Centre female tee	no	1	R	R
7.12		Bulkhead elbow	no	1	R	R
7.13		Reducing socket	no	1	R	R

7.14		Reducing elbow	no	1	R	R
7.15		Copper fitting conex	no	1	R	R
7.16		Coupling	no	1	R	R
7.17		42mm Unitwist elbow or Equivalent	no	1	R	R
7.18		42mm Conex elbow	no	1	R	R
7.19		42mm Galvanised plug	no	1	R	R
7.20		42mm Galvanised end cap	no	1	R	R
7.21		42mm Brass non-return valve	no	1	R	R
8		76mm Copper fittings capillary:				
8.1		Straight male	no	1	R	R
8.2		Straight female	no	1	R	R
8.3		Elbow male	no	1	R	R
8.4		Elbow female	no	1	R	R
8.5		Socket	no	1	R	R
8.6		90-degree elbow	no	1	R	R
8.7		45-degree elbow	no	1	R	R
8.8		Reducing centre tee	no	1	R	R
8.9		Bottle tee	no	1	R	R
8.10		Tee	no	1	R	R
8.11		Centre female tee	no	1	R	R
8.12		Bulkhead elbow	no	1	R	R
8.13		Reducing socket	no	1	R	R
8.14		Reducing elbow	no	1	R	R
8.15		Copper fitting conex	no	1	R	R

8.16		Coupling	no	1	R	R
8.17		76mm Unitwist elbow or Equivalent	no	1	R	R
8.18		76mm Conex elbow	no	1	R	R
8.19		76mm Galvanised plug	no	1	R	R
8.20		76mm Galvanised end cap	no	1	R	R
8.21		76mm Brass non-return valve	no	1	R	R
9		Galvanised steel pipes:				
9.1		15mm galvanised steel pipe	m	1	R	R
9.2		20mm galvanised steel pipe	m	1	R	R
9.3		25mm galvanised steel pipe	m	1	R	R
9.4		320mm galvanised steel pipe	m	1	R	R
9.5		40mm galvanised steel pipe	m	1	R	R
9.6		65mm galvanised steel pipe	m	1	R	R
9.7		80mm galvanised steel pipe	m	1	R	R
9.8		100mm galvanised steel pipe	m	1	R	R
9.9		160mm galvanised steel pipe	m	1	R	R
9.10		200mm galvanised steel pipe	m	1	R	R
9.11		250mm galvanised steel pipe	m	1	R	R
9.12		300mm galvanised steel pipe	m	1	R	R
9.13		350mm galvanised steel pipe	m	1	R	R
9.14		400mm galvanised steel pipe	m	1	R	R
9.15		450mm galvanised steel pipe	m	1	R	R
9.16		500mm galvanised steel pipe	m	1	R	R
9.17		Galvanised steel quick coupling perrot pipe, 3 m, 50 mm	no	1	R	R

9.18		Galvanised steel quick coupling perrot pipe, 3 m, 70 mm	no	1	R	R
9.19		Galvanised steel quick coupling perrot pipe, 3 m, 108 mm	no	1	R	R
10		15mm galvanised pipe fittings:				
10.1		Barrel nipple	no	1	R	R
10.2		Holderbat	no	1	R	R
10.3		Elbow male/female	no	1	R	R
10.4		Elbow female	no	1	R	R
10.5		Socket	no	1	R	R
10.6		90-degree elbow	no	1	R	R
10.7		45-degree elbow	no	1	R	R
10.8		Reducing centre tee	no	1	R	R
10.9		Tee	no	1	R	R
10.10		Centre female tee	no	1	R	R
10.11		Reducing socket	no	1	R	R
10.12		Reducing elbow	no	1	R	R
10.13		Coupling	no	1	R	R
10.14		15mm Galvanised plug	no	1	R	R
10.15		15mm Galvanised end cap	no	1	R	R
11		20mm galvanised pipe fittings:				
11.1		Barrel nipple	no	1	R	R
11.2		Holderbat	no	1	R	R
11.3		Elbow male/female	no	1	R	R
11.4		Elbow female	no	1	R	R

11.5		Socket	no	1	R	R
11.6		90-degree elbow	no	1	R	R
11.7		45-degree elbow	no	1	R	R
11.8		Reducing centre tee	no	1	R	R
11.9		Tee	no	1	R	R
11.10		Centre female tee	no	1	R	R
11.11		Reducing socket	no	1	R	R
11.12		Reducing elbow	no	1	R	R
11.13		Coupling	no	1	R	R
11.14		Galvanised plug	no	1	R	R
11.15		Galvanised end cap	no	1	R	R
12		25mm galvanised pipe fittings:				
12.1		Barrel nipple	no	1	R	R
12.2		Holderbat	no	1	R	R
12.3		Elbow male/female	no	1	R	R
12.4		Elbow female	no	1	R	R
12.5		Socket	no	1	R	R
12.6		90-degree elbow	no	1	R	R
12.7		45-degree elbow	no	1	R	R
12.8		Reducing centre tee	no	1	R	R
12.9		Tee	no	1	R	R
12.10		Centre female tee	no	1	R	R
12.11		Reducing socket	no	1	R	R

12.12		Reducing elbow	no	1	R	R
12.13		Coupling	no	1	R	R
12.14		Galvanised plug	no	1	R	R
12.15		Galvanised end cap	no	1	R	R
13		32mm galvanised pipe fittings:				
13.1		Barrel nipple	no	1	R	R
13.2		Holderbat	no	1	R	R
13.3		Elbow male/female	no	1	R	R
13.4		Elbow female	no	1	R	R
13.5		Socket	no	1	R	R
13.6		90-degree elbow	no	1	R	R
13.7		45-degree elbow	no	1	R	R
13.8		Reducing centre tee	no	1	R	R
13.9		Tee	no	1	R	R
13.10		Centre female tee	no	1	R	R
13.11		Reducing socket	no	1	R	R
13.12		Reducing elbow	no	1	R	R
13.13		Coupling	no	1	R	R
13.14		Galvanised plug	no	1	R	R
13.15		Galvanised end cap	no	1	R	R
14		40mm galvanised pipe fittings:				
14.1		Barrel nipple	no	1	R	R
14.2		Holderbat	no	1	R	R

14.3		Elbow male/female	no	1	R	R
14.4		Elbow female	no	1	R	R
14.5		Socket	no	1	R	R
14.6		90-degree elbow	no	1	R	R
14.7		45-degree elbow	no	1	R	R
14.8		Reducing centre tee	no	1	R	R
14.9		Tee	no	1	R	R
14.10		Centre female tee	no	1	R	R
14.11		Reducing socket	no	1	R	R
14.12		Reducing elbow	no	1	R	R
14.13		Coupling	no	1	R	R
14.14		Galvanised plug	no	1	R	R
14.15		Galvanised end cap	no	1	R	R
15		65mm galvanised pipe fittings:				
15.1		Barrel nipple	no	1	R	R
15.2		Holderbat	no	1	R	R
15.3		Elbow male/female	no	1	R	R
15.4		Elbow female	no	1	R	R
15.5		Socket	no	1	R	R
15.6		90-degree elbow	no	1	R	R
15.7		45-degree elbow	no	1	R	R
15.8		Reducing centre tee	no	1	R	R
15.9		Tee	no	1	R	R
15.10		Centre female tee	no	1	R	R

15.11		Reducing socket	no	1	R	R
15.12		Reducing elbow	no	1	R	R
15.13		Coupling	no	1	R	R
15.14		Galvanised plug	no	1	R	R
15.15		Galvanised end cap	no	1	R	R
16		80mm galvanised pipe fittings				
16.1		Barrel nipple	no	1	R	R
16.2		Holderbat	no	1	R	R
16.3		Elbow male/female	no	1	R	R
16.4		Elbow female	no	1	R	R
16.5		Socket	no	1	R	R
16.6		90-degree elbow	no	1	R	R
16.7		45-degree elbow	no	1	R	R
16.8		Reducing centre tee	no	1	R	R
16.9		Tee	no	1	R	R
16.10		Centre female tee	no	1	R	R
16.11		Reducing socket	no	1	R	R
16.12		Reducing elbow	no	1	R	R
16.13		Coupling	no	1	R	R
16.14		Galvanised plug	no	1	R	R
16.15		Galvanised end cap	no	1	R	R
17		100mm galvanised pipe fittings:				
17.1		Barrel nipple	no	1	R	R

17.2		Holderbat	no	1	R	R
17.3		Elbow male/female	no	1	R	R
17.4		Elbow female	no	1	R	R
17.5		Socket	no	1	R	R
17.6		90-degree elbow	no	1	R	R
17.7		45-degree elbow	no	1	R	R
17.8		Reducing centre tee	no	1	R	R
17.9		Tee	no	1	R	R
17.10		Centre female tee	no	1	R	R
17.11		Reducing socket	no	1	R	R
17.12		Reducing elbow	no	1	R	R
17.13		Coupling	no	1	R	R
17.14		Galvanised plug	no	1	R	R
17.15		Galvanised end cap	no	1	R	R
18		160mm galvanised pipe fittings:				
18.1		Barrel nipple	no	1	R	R
18.2		Holderbat	no	1	R	R
18.3		Elbow male/female	no	1	R	R
18.4		Elbow female	no	1	R	R
18.5		Socket	no	1	R	R
18.6		90-degree elbow	no	1	R	R
18.7		45-degree elbow	no	1	R	R
18.8		Reducing centre tee	no	1	R	R
18.9		Tee	no	1	R	R

18.10		Centre female tee	no	1	R	R
18.11		Reducing socket	no	1	R	R
18.12		Reducing elbow	no	1	R	R
18.13		Coupling	no	1	R	R
18.14		Galvanised plug	no	1	R	R
18.15		Galvanised end cap	no	1	R	R
19		200mm galvanised pipe fittings:				
19.1		Barrel nipple	no	1	R	R
19.2		Holderbat	no	1	R	R
19.3		Elbow male/female	no	1	R	R
19.4		Elbow female	no	1	R	R
19.5		Socket	no	1	R	R
19.6		90-degree elbow	no	1	R	R
19.7		45-degree elbow	no	1	R	R
19.8		Reducing centre tee	no	1	R	R
19.9		Tee	no	1	R	R
19.10		Centre female tee	no	1	R	R
19.11		Reducing socket	no	1	R	R
19.12		Reducing elbow	no	1	R	R
19.13		Coupling	no	1	R	R
19.14		Galvanised plug	no	1	R	R
19.15		Galvanised end cap	no	1	R	R
20		250mm galvanised pipe fittings:				

20.1		Barrel nipple	no	1	R	R
20.2		Holderbat	no	1	R	R
20.3		Elbow male/female	no	1	R	R
20.4		Elbow female	no	1	R	R
20.5		Socket	no	1	R	R
20.6		90-degree elbow	no	1	R	R
20.7		45-degree elbow	no	1	R	R
20.8		Reducing centre tee	no	1	R	R
20.9		Tee	no	1	R	R
20.10		Centre female tee	no	1	R	R
20.11		Reducing socket	no	1	R	R
20.12		Reducing elbow	no	1	R	R
20.13		Coupling	no	1	R	R
20.14		Galvanised plug	no	1	R	R
20.15		Galvanised end cap	no	1	R	R
21		300mm galvanised pipe fittings:				
21.1		Barrel nipple	no	1	R	R
21.2		Holderbat	no	1	R	R
21.3		Elbow male/female	no	1	R	R
21.4		Elbow female	no	1	R	R
21.5		Socket	no	1	R	R
21.6		90-degree elbow	no	1	R	R
21.7		45-degree elbow	no	1	R	R
21.8		Reducing centre tee	no	1	R	R

21.9		Tee	no	1	R	R
21.10		Centre female tee	no	1	R	R
21.11		Reducing socket	no	1	R	R
21.12		Reducing elbow	no	1	R	R
21.13		Coupling	no	1	R	R
21.14		Galvanised plug	no	1	R	R
21.15		Galvanised end cap	no	1	R	R
22		350mm galvanised pipe fittings:				
22.1		Barrel nipple	no	1	R	R
22.2		Holderbat	no	1	R	R
22.3		Elbow male/female	no	1	R	R
22.4		Elbow female	no	1	R	R
22.5		Socket	no	1	R	R
22.6		90-degree elbow	no	1	R	R
22.7		45-degree elbow	no	1	R	R
22.8		Reducing centre tee	no	1	R	R
22.9		Tee	no	1	R	R
22.10		Centre female tee	no	1	R	R
22.11		Reducing socket	no	1	R	R
22.12		Reducing elbow	no	1	R	R
22.13		Coupling	no	1	R	R
22.14		Galvanised plug	no	1	R	R
22.15		Galvanised end cap	no	1	R	R

23		400mm galvanised pipe fittings:				
23.1		Barrel nipple	no	1	R	R
23.2		Holderbat	no	1	R	R
23.3		Elbow male/female	no	1	R	R
23.4		Elbow female	no	1	R	R
23.5		Socket	no	1	R	R
23.6		90-degree elbow	no	1	R	R
23.7		45-degree elbow	no	1	R	R
23.8		Reducing centre tee	no	1	R	R
23.9		Tee	no	1	R	R
23.10		Centre female tee	no	1	R	R
23.11		Reducing socket	no	1	R	R
23.12		Reducing elbow	no	1	R	R
23.13		Coupling	no	1	R	R
23.14		Galvanised plug	no	1	R	R
23.15		Galvanised end cap	no	1	R	R
24		450mm galvanised pipe fittings :				
24.1		Barrel nipple	no	1	R	R
24.2		Holderbat	no	1	R	R
24.3		Elbow male/female	no	1	R	R
24.4		Elbow female	no	1	R	R
24.5		Socket	no	1	R	R
24.6		90-degree elbow	no	1	R	R
24.7		45-degree elbow	no	1	R	R

24.8		Reducing centre tee	no	1	R	R
24.9		Tee	no	1	R	R
24.10		Centre female tee	no	1	R	R
24.11		Reducing socket	no	1	R	R
24.12		Reducing elbow	no	1	R	R
24.13		Coupling	no	1	R	R
24.14		Galvanised plug	no	1	R	R
24.15		Galvanised end cap	no	1	R	R
25		500mm galvanised pipe fittings:				
25.1		Barrel nipple	no	1	R	R
25.2		Elbow male/female	no	1	R	R
25.3		Elbow female	no	1	R	R
25.4		Socket	no	1	R	R
25.5		90-degree elbow	no	1	R	R
25.6		45-degree elbow	no	1	R	R
25.7		Reducing centre tee	no	1	R	R
25.8		Tee	no	1	R	R
25.9		Centre female tee	no	1	R	R
25.10		Reducing socket	no	1	R	R
25.11		Reducing elbow	no	1	R	R
25.12		Coupling	no	1	R	R
25.13		Galvanised plug	no	1	R	R
25.14		Galvanised end cap	no	1	R	R

26		Valves				
26.1		Flomax foot valve flanged, 150 mm	no	1	R	R
26.2		Flomax foot valve flanged, 200 mm	no	1	R	R
26.3		Flomax foot valve flanged, 250 mm	no	1	R	R
26.4		Flomax foot valve flanged, 300 mm	no	1	R	R
26.5		Flomax foot valve flanged, 350 mm	no	1	R	R
26.6		Flomax foot valve flanged, 400 mm	no	1	R	R
26.7		Flomax foot valve flanged, 450 mm	no	1	R	R
26.8		Flomax foot valve flanged, 500 mm	no	1	R	R
26.9		Flomax foot valve KKV female BSP thread	no	1	R	R
26.10		Plastic male BSP thread tommy float valve	no	1	R	R
26.11		Female to female thread lever operated brass ball valve	no	1	R	R
26.12		PVC female to female solvent weld ball valve	no	1	R	R
26.13		PVC female to female BSP thread ball valve, ¾"	no	1	R	R
26.14		PVC female to female BSP thread ball valve, 1"	no	1	R	R
26.15		PVC female to female BSP thread ball valve, 2"	no	1	R	R
26.16		PVC single union female to female BSP thread valve	no	1	R	R
26.17		Lever operated female to female BSP thread nylon ball valve	no	1	R	R
26.18		High pressure brass ball valve	no	1	R	R
26.19		PVC solvent to solvent weld single union ball valve	no	1	R	R
26.20		Lever operated stainless steel disc butterfly valve	no	1	R	R
26.21		Gear operated stainless steel disc butterfly valve	no	1	R	R
26.22		Lever operated chrome disc butterfly valve	no	1	R	R
26.23		Gear operated chrome disc butterfly valve	no	1	R	R

26.24		Cast iron wafer check valve	no	1	R	R
26.25		PVC female to female BSP thread single union check valve	no	1	R	R
26.26		Spring loaded female to female BSP thread brass check valve	no	1	R	R
26.27		Stainless steel door wafer check valve	no	1	R	R
26.28		Thin chrome plated wafer check valve	no	1	R	R
26.29		Thin stainless steel wafer check valve	no	1	R	R
26.30		Brass female to female BSP thread gate valve	no	1	R	R
26.31		Handwheel cast iron flanged gate valve	no	1	R	R
26.32		Quick coupling female BSP hydrant gate valve	no	1	R	R
26.33		Dorot hydraulic accelerator 3-way plastic relay-valve, 25-300	no	1	R	R
26.34		Dorot multi-purpose metal pilot and relay-valve, 66-310	no	1	R	R
26.35		Dorot multi-purpose, 3-way pilot-valve, 31-310	no	1	R	R
26.36		Dorot multi-purpose, 3-way plastic pilot-valve, green, 4.5 bar, 29-200	no	1	R	R
26.37		Dorot multi-purpose 3-way plastic pilot-valve, red, 6 bar, 29-100	no	1	R	R
26.38		Dorot multi-purpose 3-way plastic pilot-valve, red, 6 bar, 29-200	no	1	R	R
26.39		Dorot pressure-sustaining/relief, 2-way metal pilot-valve, CXPS	no	1	R	R
26.40		Dorot series 75, plastic, female BSP thread, 50 mm	no	1	R	R
26.41		Dorot series 75, plastic, female BSP thread, 65 mm	no	1	R	R
26.42		Dorot series 75, plastic, female BSP thread, 80 mm	no	1	R	R
26.43		Dorot series 75, plastic, mechanical choke, female BSP thread, 50 mm	no	1	R	R
26.44		Dorot series 75, plastic, mechanical choke, female BSP thread, 65 mm	no	1	R	R
26.45		Dorot series 75, plastic, mechanical choke, female BSP thread, 80 mm	no	1	R	R
26.46		Dorot cast iron flanged air valve, PN16, 80 mm	no	1	R	R
26.47		Dorot cast iron flanged air valve, PN16, 100 mm	no	1	R	R

26.48		Irritrol 204MT valve 1"	no	1	R	R
26.49		Irritrol 100 series flow control valve	no	1	R	R
26.50		Dorot tee pressure select valve, 8 mm x ¼" x 8 mm	no	1	R	R
26.51		Irritrol Hercules round valve box	no	1	R	R
26.52		Irritrol Hercules rectangular valve box	no	1	R	R
26.53		Rain EzOpen valve box	no	1	R	R
26.54		Riser valve male BSP thread	no	1	R	R
26.55		Dorot cast iron flanged air valve, PN16, 80 mm	no	1	R	R
26.56		Dorot male to female BSP thread combination air valve, 2"	no	1	R	R
26.57		Dorot male to female BSP thread automatic air valve	no	1	R	R
27		PVC pipe				
27.1		20mm standard PVC garden hose	m	1	R	R
27.2		25mm uPVC pipe	m	1	R	R
27.3		25mm uPVC pipe	m	1	R	R
27.4		32mm uPVC pipe	m	1	R	R
27.5		40mm uPVC pipe	m	1	R	R
28		50mm PVC Fittings				
28.1		Plain elbow	no	1	R	R
28.2		Inspection elbow with eye	no	1	R	R
28.3		Plain tee	no	1	R	R
28.4		Plain 45-degree elbow	no	1	R	R
28.5		Inspection 45-degree elbow	no	1	R	R
28.6		Socket	no	1	R	R

28.7		1 ¼ inch x 50mm male adaptor	no	1	R	R
28.8		2-inch x 50mm male adaptor	no	1	R	R
28.9		1 ¼ inch x 50mm female adaptor	no	1	R	R
28.10		2-inch x 50mm female adaptor	no	1	R	R
28.11		Strap on boss saddle	no	1	R	R
28.12		50mm Vent valve	no	1	R	R
29		110mm PVC fittings underground:				
29.1		Y junction	no	1	R	R
29.2		Kimberly socket	no	1	R	R
29.3		Push fit socket	no	1	R	R
29.4		Double socket	no	1	R	R
29.5		Earthenware adaptor	no	1	R	R
29.6		¼ bend	no	1	R	R
29.7		90-degree bend	no	1	R	R
29.8		Stop end	no	1	R	R
29.9		Rodding eye	no	1	R	R
30		110mm PVC fittings above ground:				
30.1		Y junction	no	1	R	R
30.2		Kimberly socket	no	1	R	R
30.3		Single socket	no	1	R	R
30.4		Junction 90-degree plain	no	1	R	R
30.5		Junction 90-degree inspection	no	1	R	R
30.6		Bend 90-degree plain	no	1	R	R

30.7		Bend 90-degree inspection	no	1	R	R
30.8		Bend 90-degree vent on	no	1	R	R
30.9		Vent valve	no	1	R	R
30.10		Stop ends	no	1	R	R
30.11		Reducing socket	no	1	R	R
30.12		PVC gully grid	no	1	R	R
30.13		110mm Pan collar	no	1	R	R
31		Plastic Untwist fittings or equivalent:				
31.1		15mm Straight male	no	1	R	R
31.2		15mm Straight female	no	1	R	R
31.3		15mm Elbow male	no	1	R	R
31.4		15mm Elbow female	no	1	R	R
31.5		15mm Socket	no	1	R	R
31.6		15mm 90-degree elbow	no	1	R	R
31.7		15mm 45-degree elbow	no	1	R	R
31.8		15mm Reducing centre tee	no	1	R	R
31.9		15mm Bottle tee	no	1	R	R
31.10		15mm Tee	no	1	R	R
31.11		15mm Centre female tee	no	1	R	R
31.12		15mm Bulkhead elbow	no	1	R	R
31.13		15mm Reducing socket	no	1	R	R
31.14		15mm Reducing elbow	no	1	R	R
31.15		15mm Coupling	no	1	R	R
31.16		15mm Centre Tee	no	1	R	R

31.17		22mm Straight male	no	1	R	R
31.18		22mm Straight female	no	1	R	R
31.19		22mm Elbow male	no	1	R	R
31.20		22mm Elbow female	no	1	R	R
31.21		22mm Socket	no	1	R	R
31.22		22mm 90-degree elbow	no	1	R	R
31.23		22mm 45-degree elbow	no	1	R	R
31.24		22mm Reducing centre tee	no	1	R	R
31.25		22mm Bottle tee	no	1	R	R
31.26		22mm Tee	no	1	R	R
31.27		22mm Centre female tee	no	1	R	R
31.28		22mm Bulkhead elbow	no	1	R	R
31.29		22mm Reducing socket	no	1	R	R
31.30		22mm Reducing elbow	no	1	R	R
31.31		22mm Coupling	no	1	R	R
31.32		22mm Centre Tee	no	1	R	R
31.33.		25mm Straight male	no	1	R	R
31.34		25mm Straight female	no	1	R	R
31.35		25mm Elbow male	no	1	R	R
31.36		25mm Elbow female	no	1	R	R
31.37		25mm Socket	no	1	R	R
31.38		25mm 90-degree elbow	no	1	R	R
31.39		25mm 45-degree elbow	no	1	R	R
31.40		25mm Reducing centre tee	no	1	R	R

31.41		25mm Bottle tee	no	1	R	R
31.42		25mm Tee	no	1	R	R
31.43		25mm Centre female tee	no	1	R	R
31.44		25mm Bulkhead elbow	no	1	R	R
31.45		25mm Reducing socket	no	1	R	R
31.46		25mm Reducing elbow	no	1	R	R
31.27		25mm Coupling	no	1	R	R
31.48		25mm Centre Tee	no	1	R	R
31.49		32mm Straight male	no	1	R	R
31.50		32mm Straight female	no	1	R	R
31.51		32mm Elbow male	no	1	R	R
31.52		32mm Elbow female	no	1	R	R
31.53		32mm Socket	no	1	R	R
31.54		32mm 90-degree elbow	no	1	R	R
31.55		32mm 45-degree elbow	no	1	R	R
31.56		32mm Reducing centre tee	no	1	R	R
31.57		32mm Bottle tee	no	1	R	R
31.58		32mm Tee	no	1	R	R
31.59		32mm Centre female tee	no	1	R	R
31.60		32mm Bulkhead elbow	no	1	R	R
31.61		32mm Reducing socket	no	1	R	R
31.62		32mm Reducing elbow	no	1	R	R
31.63		32mm Coupling	no	1	R	R
31.64		32mm Centre Tee	no	1	R	R

31.65		40mm Straight male	no	1	R	R
31.66		40mm Straight female	no	1	R	R
31.67		40mm Elbow male	no	1	R	R
31.68		40mm Elbow female	no	1	R	R
31.69		40mm Socket	no	1	R	R
31.71		40mm 45-degree elbow	no	1	R	R
31.72		40mm Reducing centre tee	no	1	R	R
31.73		40mm Bottle tee	no	1	R	R
31.74		40mm Tee	no	1	R	R
31.75		40mm Centre female tee	no	1	R	R
31.76		40mm Bulkhead elbow	no	1	R	R
31.77		40mm Reducing socket	no	1	R	R
31.78		40mm Reducing elbow	no	1	R	R
31.79		40mm Coupling	no	1	R	R
31.80		40mm Centre Tee	no	1	R	R
32		HDPE Pipes				
32.1		16mm Pipe Class 12	m	1	R	R
32.2		20mm Pipe Class 12	m	1	R	R
32.3		25mm Pipe Class 12	m	1	R	R
32.4		32mm pipe Class 12	m	1	R	R
32.5		50mm Pipe Class 12	m	1	R	R
32.6		63mm Pipe Class 12	m	1	R	R
32.7		75mm Pipes Class 12	m	1	R	R
32.8		110mm Pipe Class 12	m	1	R	R

32.9		160mm Pipe Class 12	m	1	R	R
32.10		200mm Pipe Class 12	m	1	R	R
32.11		250mm Pipe Class 12	m	1	R	R
32.12		315mm Pipe Class 12	m	1	R	R
33		HDPE Pipe fittings or equivalent:				
33.1		16mm HDPE fittings or equivalent				
33.2		Coupling	no	1	R	R
33.3		Male adaptor	no	1	R	R
33.4		Female adaptor	no	1	R	R
33.5		Tee	no	1	R	R
33.6		Elbow	no	1	R	R
33.7		Centre female tee	no	1	R	R
34		20mm HDPE fittings or equivalent :				
34.1		Coupling	no	1	R	R
34.2		Male adaptor	no	1	R	R
5		Female adaptor	no	1	R	R
34.4		Tee	no	1	R	R
34.5		Elbow	no	1	R	R
34.6		Centre female tee	no	1	R	R
35		25mm HDPE fittings or equivalent :				
35.1		Coupling	no	1	R	R
35.2		Male adaptor	no	1	R	R

35.3		Female adaptor	no	1	R	R
35.4		Tee	no	1	R	R
35.5		Elbow	no	1	R	R
35.6		Centre female tee	no	1	R	R
36		32mm HDPE fittings or equivalent:				
36.1		Coupling	no	1	R	R
36.2		Male adaptor	no	1	R	R
36.3		Female adaptor	no	1	R	R
36.4		Tee	no	1	R	R
36.5		Elbow	no	1	R	R
36.6		Centre female tee	no	1	R	R
37		50mm HDPE fittings or equivalent:				
37.1		Coupling	no	1	R	R
37.2		Male adaptor	no	1	R	R
37.3		Female adaptor	no	1	R	R
37.4		Tee	no	1	R	R
37.5		Elbow	no	1	R	R
37.6		Centre female tee	no	1	R	R
38		63mm HDPE fittings or equivalent:				
38.1		Coupling	no	1	R	R
38.2		Male adaptor	no	1	R	R
38.3		Female adaptor	no	1	R	R

38.4		Tee	no	1	R	R
38.5		Elbow	no	1	R	R
38.6		Centre female tee	no	1	R	R
39		75mm HDPE fittings or equivalent:				
39.1		Coupling	no	1	R	R
39.2		Male adaptor	no	1	R	R
39.3		Female adaptor	no	1	R	R
39.4		Tee	no	1	R	R
39.5		Elbow	no	1	R	R
39.6		Centre female tee	no	1	R	R
40		110mm HDPE fittings or equivalent:				
40.1		Coupling	no	1	R	R
40.2		Male adaptor	no	1	R	R
40.3		Female adaptor	no	1	R	R
40.4		Tee	no	1	R	R
40.5		Elbow	no	1	R	R
40.6		Centre female tee	no	1	R	R
41		160mm HDPE fittings or equivalent:				
41.1		Coupling	no	1	R	R
41.2		Male adaptor	no	1	R	R
41.3		Female adaptor	no	1	R	R
41.4		Tee	no	1	R	R

41.5		Elbow	no	1	R	R
41.6		Centre female tee	no	1	R	R
41.7		Testing waste pipe system	Each		R	R
42		200mm HDPE fittings or equivalent:				
42.1		Coupling	no	1	R	R
42.2		Male adaptor	no	1	R	R
42.3		Female adaptor	no	1	R	R
42.4		Tee	no	1	R	R
42.5		Elbow	no	1	R	R
42.6		Centre female tee	no	1	R	R
42.7		Testing waste pipe system	Each		R	R
43		250mm HDPE fittings or equivalent:				
43.1		Coupling	no	1	R	R
43.2		Male adaptor	no	1	R	R
43.3		Female adaptor	no	1	R	R
43.4		Tee	no	1	R	R
43.5		Elbow	no	1	R	R
43.6		Centre female tee	no	1	R	R
43.7		Testing waste pipe system	Each		R	R
44		315mm HDPE fittings or equivalent:				
44.1		Coupling	no	1	R	R
44.2		Male adaptor	no	1	R	R

44.3		Female adaptor	no	1	R	R
44.4		Tee	no	1	R	R
44.5		Elbow	no	1	R	R
44.6		Centre female tee	no	1	R	R
44.7		Testing waste pipe system	Each		R	R
45		Universal traps and waste fittings:				
45.1		Mini trap	no	1	R	R
45.2		P-trap	no	1	R	R
45.3		S-trap	no	1	R	R
45.4		Bath trap	no	1	R	R
45.5		Combination trap	no	1	R	R
45.6		Bath waste metal	no	1	R	R
45.7		Bath waste plastic	no	1	R	R
45.8		Basin waste metal	no	1	R	R
45.9		Basin waste plastic	no	1	R	R
45.10		Basin waste slotted	no	1	R	R
45.11		32mm Plastic chrome plated trap	no	1	R	R
45.12		14mm Plastic chrome plated trap	no	1	R	R
46		Taps:				
46.1		22mm wall mounted sink mixer	no	1	R	R
46.2		22mm wall mounted bath mixer	no	1	R	R
46.3		22mm Basin mixer	no	1	R	R
46.4		15mm Pillar tap chrome plated	no	1	R	R

46.5		22mm Pillar tap chrome plated	no	1	R	R
46.6		15mm Bib tap plastic	no	1	R	R
46.7		22mm Bib tap plastic	no	1	R	R
46.8		15mm Pillar tap plastic	no	1	R	R
46.9		22mm Pillar tap plastic	no	1	R	R
46.10		15mm Chrome plated tap	no	1	R	R
46.11		22mm Chrome plated tap	no	1	R	R
46.12		15mm Garden tap brass	no	1	R	R
46.13		22mm Garden tap brass	no	1	R	R
46.14		15mm Star head part silver	no	1	R	R
47		Motion sensor taps – Infrared sensor range. (Typical sensor range 20-26cm wide. Hot, Cold or Premix water)				
47.1		32mm Basin mixer cartridge	no	1	R	R
47.2		42mm Basin mixer cartridge	no	1	R	R
47.3		15mm Mini ball valve	no	1	R	R
48		Valves and other parts:				
48.1		200Kpa Pru	no	1	R	R
48.2		400Kpa Pru	no	1	R	R
48.3		600Kpa Pru	no	1	R	R
48.4		100Kpa Latco twin pack	no	1	R	R
48.5		100Kpa Latco Relief valve	no	1	R	R
4.6		Vacuum breakers	no	1	R	R
48.7		Safety valves	no	1	R	R
48.8		Solar ball valves	no	1	R	R

48.9		Solar feeder tank	no	1	R	R
48.10		Thermostat	no	1	R	R
49		Geyser pack:				
49.1		100L geyser including valve, vacuum breakers, drip tray etc.	no	1	R	R
49.2		150L geyser including valve, vacuum breakers, drip tray etc.	no	1	R	R
49.3		200L geyser including valve, vacuum breakers, drip tray etc.	no	1	R	R
50		Pipes:				
50.1		Copper pipe 22mm	m	1	R	R
50.2		Copper pipe 15mm	m	1	R	R
50.3		PVC pipe 50mm	m	1	R	R
50.4		PVC pipe 110mm underground	m	1	R	R
50.5		PVC pipe 110mm aboveground	m	1	R	R
50.6		HDPE 25mm	m	1	R	R
50.7		Galvanized Steel Pipe 22mm	m	1	R	R
5.8		Galvanized Steel Pipe 15mm	m	1	R	R
50.9		Unitwist pipe 22mm or equivalent	m	1	R	R
50.10		Unitwist pipe 15mm or equivalent	m	1	R	R
50.11		Polycop pipe 15mm	m	1	R	R
50.12		Polycop pipe 22mm	m	1	R	R
51		Toilet spares:				
51.1		Toilet seat plastic	no	1	R	R
51.2		Flush mechanism front flush	no	1	R	R
51.3		Flush mechanism top flush	no	1	R	R

51.4		Low level flush mechanism	no	1	R	R
51.5		40mm Plastic flush pipe	no	1	R	R
51.6		22mm Steel flush pipe	no	1	R	R
51.7		40mm Steel flush pipe	no	1	R	R
51.8		Toilet flush valve	no	1	R	R
51.9		Urinal flush valve	no	1	R	R
51.10		Float valve side inlet	no	1	R	R
51.11		Float valve bottom inlet	no	1	R	R
51.12		Pan seal ring	no	1	R	R
51.13		Rubber cone	no	1	R	R
51.14		Rubber bung	no	1	R	R
51.15		350mm Flexi hose connector	no	1	R	R
51.16		450mm Flexi hose connector	no	1	R	R
51.17		Elf plastic cistern or equivalent	no	1	R	R
51.18		Flush master button	no	1	R	R
51.19		Flush master piston repair kit	no	1	R	R
51.20		Flush handle	no	1	R	R
51.21		Stainless steel hose	no	1	R	R
52		Clamps:				
52.1		Coupling clamp 15mm	no	1	R	R
52.2		Coupling clamp 22mm	no	1	R	R
52.3		Coupling clamp 25mm	no	1	R	R
52.4		Coupling clamp 40mm	no	1	R	R
52.5		Coupling clamp 60mm	no	1	R	R

52.6		Coupling clamp 80mm	no	1	R	R
52.7		Coupling clamp 100mm	no	1	R	R
52.8		Coupling clamp 120mm	no	1	R	R
53		Sola Geyser				
53.1		Low pressure solar geyser			R	R
53.2		Solar tubes	no	1	R	R
53.3		Solar ball valves	no	1	R	R
53.4		Heat pump 3.5 kw	no	1	R	R
53.5		Heat pump 5.5 kw	no	1	R	R
53.6		Heat pump 7.5 kw	no	1	R	R
54		Sanitary ware:				
54.1		Floor mounted ceramic toilet pan	no	1	R	R
54.2		Wall mounted ceramic hand basin	no	1	R	R
54.3		Wall mounted flatback ceramic urinal with top inlet spreader	no	1	R	R
54.4		Plastic toilet P-trap pan, 372mm, 475mm, 395mm, 2.5kg	no	1	R	R
54.5		Plastic hand basin with galvanized bracket, 570mm, 400mm, 245mm, 2.2kg	no	1	R	R
54.6		Plastic Bowl Urinal c/w brackets, 320mm, 350mm, 495mm, 3.0kg	no	1	R	R
54.7		Plastic Sanitary eve-bins +/- 8L, Height 360mm, Width 200mm and	no	1	R	R
54.8		Weight \pm 0.9kg				
54.9		Plastic aquarius rolled hand towel dispensers and/or equivalent, fitted on the wall	no	1	R	R
54.10		Plastic aquarius wall mounted bin, 43L, white abs impact resistant plastic body, Height 560mm and Width 422mm and/or equivalent	no	1	R	R

54.11		Plastic hand foam soap dispensers 250ml, smooth and round design, concealed backplate, view window with push handle dispense ring, fitted on the wall	no	1	R	R
54.12		Steel white coated Toilet paper dispensers (for one roll holder)	no	1	R	R
54.13		Steel white coated toilet paper dispensers (for two roll holder)	no	1	R	R
54.14		Steel white coated toilet paper dispensers (for three roll holder)	no	1	R	R
54.15		Small bantam basin or equivalent	no	1	R	R

Item No	Payment Ref	Description	Unit	Qty	Rate (Vat Exclusive) R	Rate (Vat Inclusive) R
55		SECTION 12: CLEANING OF PIPES AND SYSTEMS				
55.1		CLEAR SEWER AND WASTEWATER BLOCKAGE				
55.1.1		Locate blockage, clear sewer pipes by means of rodding distances between access chambers/junctions (referred to as "Pipe Length") removing all obstructions, etc. leaving pipes open and free flowing including disposal of all materials causing blockage, excavations and backfilling where required				
55.1.1.1		110mm diameter pipe not exceeding 10m	no	1	R	R
55.1.1.2		160mm diameter pipe not exceeding 10m	no	1	R	R
55.1.1.3		Not exceeding 40mm diameter pipe, not exceeding 10m	no	1	R	R
55.1.1.4		Not exceeding 40mm diameter pipe, exceeding 10m but not exceeding 20m	no	1	R	R
55.1.1.5		Exceeding 40mm diameter pipe and not exceeding 75mm diameter pipe, exceeding 10m but not exceeding 20m	no	1	R	R
55.1.1.6		Unblock 'P', 'S' or bottle trap not exceeding 40mm diameter	no	1	R	R
56		CLEAR STORMWATER BLOCKAGE				
56.1		Clean catch pit, with internal dimensions not exceeding 900 x 500mm or 750mm diameter, by removing all silt, etc. leaving all internal surfaces and sump free from any dirt or debris including disposal of all removed material.				
56.1.1		Not exceeding 1,0m deep	no	1	R	R
56.1.2		Exceeding 1,0m and not exceeding 2m deep	no	1	R	R
56.1.3		Exceeding 2,0m and not exceeding 3,0m deep	no	1	R	R
56.1.4		Exceeding 3,0m and not exceeding 4,0m deep	no	1	R	R
57		Clean catch pit, with internal dimensions not exceeding 1050 x 750mm or 1000mm diameter, by removing all silt, etc. leaving all internal surfaces and sump free from any dirt or debris including disposal of all removed material.				
57.1		Not exceeding 1,0m deep	no	1	R	R
57.2		Exceeding 1,0m and not exceeding 2,0m deep	no	1	R	R
57.3		Exceeding 2,0m and not exceeding 3,0m deep	no	1	R	R
57.4		Exceeding 3,0m and not exceeding 4,0m deep	no	1	R	R
57.5		Exceeding 4,0m and not exceeding 5,0m deep	no	1	R	R

58		Clean and pump sewer manholes, with internal dimensions not exceeding 1050 x 750mm or 1000mm diameter, by removing all silt, etc. leaving all internal surfaces and sump free from any dirt or debris including disposal of all removed material				
58.1		Not exceeding 1,0m deep	no	1	R	R
58.2		Exceeding 1,0m and not exceeding 2,0m deep	no	1	R	R
58.3		Exceeding 2,0m and not exceeding 5,0m deep	no	1	R	R
59		Clean pipes by means of rodding distances between access chambers/catch pits (referred to as "Pipe Length") removing all silt, etc. leaving all internal surfaces free from any dirt or debris including disposal of all removed material				
59.1		Not exceeding 225mm nominal diameter, Pipe length not exceeding 15m length	no	1	R	R
59.2		Exceeding 225mm and not exceeding 300mm nominal diameter, Pipe length not exceeding 15m length	no	1	R	R
59.3		Exceeding 300mm and not exceeding 450mm nominal diameter, Pipe length not exceeding 15m length	no	1	R	R
59.4		Not exceeding 225mm nominal diameter, Pipe length not exceeding 30m length	no	1	R	R
59.5		Exceeding 225mm and not exceeding 300mm nominal diameter, Pipe length not exceeding 30m length	no	1	R	R
59.6		Exceeding 300mm and not exceeding 450mm nominal diameter, Pipe length not exceeding 30m length	no	1	R	R
60		Clean out gutters by removing all silt, etc. including rodding where necessary, leaving all surfaces free from any dirt or debris including lifting and refixing grille covers where required and disposal of all removed material.				
60.1		Eaves or box gutter not exceeding 200mm wide, Gutters not exceeding 3m above base level	no	1	R	R
60.2		Eaves or box gutter exceeding 200mm wide and not exceeding	no	1	R	R
60.3		500mm wide, Gutters not exceeding 3m above base level	no	1	R	R
60.4		Eaves or box gutter not exceeding 200mm wide, Gutters exceeding 3m above base level not exceeding 6m above	no	1	R	R
60.5		base level	no		R	R
60.6		Eaves or box gutter exceeding 200mm wide and not exceeding 500mm wide, Gutters exceeding 3m above base level not exceeding 6m above base level	no	1	R	R
61		REPLACE DAMAGED UNDERGROUND SEWER PIPE AND FITTINGS				

61.1		Locate, excavate for and replace damage to uPVC drainpipe and / or fittings in landscaped areas including backfilling, compacting, etc. and leave in good working order.				
61.1.1		20mm pipe, laid in excavations not exceeding 2m deep	no	1	R	R
61.1.2		25mm pipe, laid in excavations not exceeding 2m deep	no	1	R	R
61.1.3		32mm pipe, laid in excavations not exceeding 2m deep	no	1	R	R
61.1.4		40mm pipe, laid in excavations not exceeding 2m deep	no	1	R	R
61.1.5		50mm pipe, laid in excavations not exceeding 2m deep	no	1	R	R
61.1.6		75mm pipe, laid in excavations not exceeding 2m deep	no	1	R	R
61.1.7		110mm pipe, laid in excavations not exceeding 2m deep	no	1	R	R
61.1.8		160mm pipe, laid in excavations not exceeding 2m deep	no	1	R	R
61.1.9		200mm pipe, laid in excavations not exceeding 2m deep	no	1	R	R
61.1.10		250mm pipe, laid in excavations not exceeding 2m deep	no	1	R	R
61.1.11		315mm pipe, laid in excavations not exceeding 2m deep	no	1	R	R
62		REPLACE DAMAGED GRATINGS, MANHOLE COVERS, ETC.				
62.1		Carefully break out from concrete existing damaged frame and grating or manhole cover, replace with new including making good all existing finishers and leave in good working order.				
62.1.1		560mm Diameter 125mm thick precast concrete removable cover	no	1	R	R
62.1.2		450 x 450mm x 28,5kg Type 14B cast iron single seal manhole cover and frame.	No	1	R	R
62.1.3		530 x 530mm x 67kg Type 12 cast iron single seal manhole covers and frame.	No	1	R	R
62.1.4		450 x 600mm x 72kg Type 8A cast iron double seal manhole cover and frame	no	1	R	R
63		REPLACE DAMAGED SANITARY FITTINGS:				
63.1		Carefully take out and remove damaged sanitary fitting, replace with new including effecting all existing brackets, couplings, connections and re-fixing existing taps, valves, etc. making good existing finishers as necessary and leave in good working order.				
63.1.1		Precast Concrete Wash Troughs: 700mm x 530mm x 340mm deep Including Concrete Pedestal height: 870mm	no	1	R	R
63.1.2		Precast Concrete Wash Troughs: 1050mm x 650mm x 340mm deep Including Concrete Pedestals height: 870mm	no	1	R	R
64		Econo pans:				
64.1		Standard Mode - S Trap WC Pan	no	1	R	R

64.2		Standard Mode - P Trap WC Pan	no	1	R	R
64.3		Replace WC Light duty double flap plastic seat	no	1	R	R
64.4		Replace WC Heavy duty double flap plastic seat	no	1	R	R
65		Econo / Plastic cisterns:				
65.1		9 litre Elf Toilet Plastic cistern complete with lid, fitments, flushing mechanism and flush pipe.	No	1	R	R
65.2		9 litre Elf Superior Plastic cistern complete with lid, fitments, flushing mechanism and flush pipe. With dual flush button	no	1	R	R
66		Shower bases and doors:				
66.1		Shower enclosure 885mm X 885mm (L) x 1850mm (H) (Base measured elsewhere)	no	1	R	R
66.2		Semi Frameless Square Shower 6011 or equivalent Shower enclosure 885mm X 885mm (L) x 1850mm (H) (Base measured elsewhere)	no	1	R	R
67		BASIN:				
67.1		Replacement of SABS approved heavy duty pillar tap	no	1	R	R
67.2		Replacement of SABS light duty pillar tap	no	1	R	R
67.3		Replacement of heavy duty tap washer and servicing or resetting of the tap housing	no	1	R	R
67.4		Replacement of light duty tap washer and servicing or resetting of the tap housing	no	1	R	R
67.5		Replacement of broken basin	no	1	R	R
67.6		Replacement of damaged basin bottle trap	no	1	R	R
67.7		Replacement of damaged basin waste	no	1	R	R
67.8		Repairing of leaking waste	no	1	R	R
67.9		Repairing of the flexy connector for the basin	no	1	R	R
67.10		Repairing of leaking bottle trap	no	1	R	R
67.11		Repairing of a leaking 50mm PVC pipe	no	1	R	R
67.12		Repairing of a leaking PVC 50mm PVC bend	no	1	R	R

67.13		Cleaning of blocked waste	no	1	R	R
67.14		Replacement of a leaking 50mm PVC pipe	no	1	R	R
67.15		Replacement of basin pedestal	no	1	R	R
68		URINAL:				
68.1		Replacement of a urinal	no	1	R	R
68.2		Replacement of a urinal flush master	no	1	R	R
68.3		Replacement of a tail pipe	no	1	R	R
68.4		Replacement of a bottle trap	no	1	R	R
68.5		Replacement of urinal waste	no	1	R	R
68.6		Cleaning of blocked waste	no	1	R	R
68.7		Adjustment of pressure valves for urinals	no	1	R	R
68.8		Repairing and servicing of urinal flush master (replace flush master kits	no	1	R	R
69		SHOWER:				
69.1		Replacement of shower door	no	1	R	R
69.2		Replacement of damaged shower arm	no	1	R	R
69.3		Replacement of under tile tap	no	1	R	R
69.4		Repairing of a leaking shower arm	no	1	R	R
69.5		Replacement of a shower trap	no	1	R	R
69.6		Cleaning of blocked shower trap	no	1	R	R
69.7		Complete set of Emergency Shower (external, for chemical wash-off)	no	1	R	R
70		GEYSER :				
70.1		Replacement of 100 ltr. Geyser including valves, vacuum breakers, drip tray etc.	no	1	R	R
70.2		Replacement of 150 ltr. Geyser including valves, vacuum breakers, drip tray etc.	no	1	R	R

70.3		Replacement of 200 ltr. Geyser including valves, vacuum breakers, drip tray etc.	no	1	R	R
70.4		Replacement of 250 ltr. Geyser including valves, vacuum breakers, drip tray etc.	no	1	R	R
70.5		Replacement of damaged master flow valve	no	1	R	R
70.6		Replacement of damaged vacuum breaker	no	1	R	R
70.7		Replacement of damaged safety valve/TP valve	no	1	R	R
70.8		Replacement of damaged thermostat	no	1	R	R
70.9		Repairing of a leaking geyser	no	1	R	R
70.10		Copper pipe 22mm	no	1	R	R
70.11		Copper pipe 15mm	no	1	R	R
70.12		Pvc pipe 50mm	no	1	R	R
70.13		PVC pipe 110mm underground	no	1	R	R
70.14		PVC pipe 110mm aboveground	no	1	R	R
70.15		HDPE 25mm	no	1	R	R
70.16		Galvanized Steel Pipe 22mm	no	1	R	R
70.17		Galvanized Steel Pipe 15mm	no	1	R	R
70.18		Unitwist pipe 22mm or equivalent	no	1	R	R
70.19		Unitwist pipe 15mm or equivalent	no	1	R	R
70.20		Heat Pump	no	1	R	R
70.21		Hot Water Holding tanks	no	1	R	R
71		HYDRO BOILER				
71.1		21mm Medical wall mounted – 515/055-21 BIB for sink or basin (Elbow action)	no	1	R	R
71.2		2.5 ltr instant water dispenser	no	1	R	R
71.3		5.0 ltr instant water dispenser	no	1	R	R
71.4		7.5 ltr instant water dispenser	no	1	R	R

72		REPLACE DAMAGED TAPS, VALVES, ETC.				
72.1		Carefully take out and remove damaged item, replace with new including handle styles to match existing, washers, flanges, capnuts, couplers, etc. and making good existing finishers as necessary.				
72.1.1		Brass 15mm Bibtap "Code 100 - 15"	no	1	R	R
72.1.2		Brass 15mm Hose Bibtap "Code 108 - 15"	no	1	R	R
72.1.3		Brass 15mm Hose Bibtap "Code 209/1 - 13 x 3/4"	no	1	R	R
72.1.4		Brass 20mm Hose Bibtap "Code 108 - 20"	no	1	R	R
72.1.5		Brass 20mm Hose bibtap with lock shield and loose key "Code 108LK-20" Removable key	no	1	R	R
72.1.6		Brass 15mm Hose bibtap with lock shield and loose key "Code 108LK-15" Removable key	no	1	R	R
72.1.7		Heavy duty gate valve	no	1	R	R
72.1.8		25mm Fullway gate valve "Code 1001/125-25"	no	1	R	R
72.1.9		32mm Fullway gate valve "Code 1001/125-32"	no	1	R	R
72.1.10		40mm Fullway gate valve "Code 1001/125-40"	no	1	R	R
72.1.11		50mm Fullway gate valve "Code 1001/125-50"	no	1	R	R
72.1.12		Ball Valves	no	1	R	R
72.1.13		15mm Ball valve "Code 1030-15"	no	1	R	R
72.1.14		20mm Ball valve "Code 1080-20"	no	1	R	R
73		CASCADE CLAMPS3				
73.1		45 – 55mm	no	1	R	R
73.2		59 – 67mm	no	1	R	R
73.3		69 – 76mm	no	1	R	R
73.4		75 – 83mm	no	1	R	R
73.5		85 – 95mm	no	1	R	R

73.6		95 – 104mm	no	1	R	R
73.7		104 – 113mm	no	1	R	R
73.8		113 – 120mm	no	1	R	R
73.9		121 – 130mm	no	1	R	R
73.10		126 – 136mm	no	1	R	R
73.11		130 – 140mm	no	1	R	R
73.12		145 – 155mm	no	1	R	R
73.13		151 – 161mm	no	1	R	R
73.14		167 – 176mm	no	1	R	R
73.15		174 – 183mm ⁷	no	1	R	R
73.16		179 – 189mm	no	1	R	R
73.17		189 – 199mm	no	1	R	R
73.18		196 – 205mm	no	1	R	R
73.19		202 – 212mm ³	no	1	R	R
73.20		218 – 228m ⁷³	no	1	R	R
73.21		229 – 238mm	no	1	R	R
73.22		236 – 245mm	no	1	R	R
73.23		248 – 257mm	no	1	R	R
73.24		255 – 265mm	no	1	R	R
73.25		271 – 281mm	no	1	R	R
73.26		281 – 290mm	no	1	R	R
73.27		288 – 298mm	no	1	R	R
73.28		298 – 309mm	no	1	R	R
73.29		304 – 314mm	no	1	R	R

73.30		312 – 322mm	no	1	R	R
73.31		332 – 343mm	no	1	R	R
73.32		343 – 355mm	no	1	R	R
73.33		356 – 366mm	no	1	R	R
74		Allowance for relevant essential items omitted				
74.1		Provisional sum items per category per annum	Sum	1	R 2 000 000.00	R 2 000 000.00

4. PRICING SCHEDULE FOR AIR CONDITIONERS

SECTION 13: MAINTENANCE OF AIR CONDITIONERS						
Item No	Payment Ref	Description	Unit	Qty	Rate (Vat Exclusive) R	Rate (Vat Inclusive) R
1		Labour only (Maintenance team - Artisan and Assistance)				
1.1		Normal Working hours	Per hour	1	R	R
		(07:30 to 16:30) Monday to Friday				
1.2		After hours and Saturdays	Per hour	1	R	R
1.3		Sundays and Public Holidays	Per hour	1	R	R
1.4		Travelling cost (Only travelling within 50km of MP313 radius)	km	1	R	R
2		Services				
2.1		Minor services (every six (6) months, including cleaning of filters and condenser units, checking of hot connections and check working and efficiency of unit)	Per Unit	1	R	R
2.2		Service under ceiling split unit (12 000BTU to 36 000BTU)	Per Unit	1	R	R
2.3		Service of under ceiling split unit (46 000BTU and 60 000BTU)	Per unit	1	R	R
2.4		Major services (every twelve (12) months, including cleaning of filters and condenser units, coils and fan motors, oil fan motors, top up with gas when required, adjusting of thermostat if necessary, checking of hot connections and check working and efficiency of unit)	Per Unit	1	R	R
2.5		Service of under ceiling split unit (46 000BTU and 60 000BTU)	Per unit	1	R	R
2.6		Monthly service on HIREF downblower-Model: JADR0205 DX Unit. NB: Service must be conducted on the monthly basis upon the employer's instruction.	Per Unit	1	R	R
2.7		Service of Air handling units for council chamber and rates hall	Per unit	1	R	R
2.8		Service of hide away system and ducted system	Per unit	1	R	R
2.9		Service of Package units' systems	Per unit	1	R	R
3.3		Replacement of compressors:				
3.1		9 000 BTU	Per Unit	1	R	R

3.2		12 000 BTU	Per Unit	1	R	R
3.3		15 000 BTU	Per Unit	1	R	R
3.4		18 000 BTU	Per Unit	1	R	R
3.5		24 000 BTU	Per Unit	1	R	R
3.6		30 000 BTU	Per Unit	1	R	R
3.7		48 000 BTU	Per Unit	1	R	R
3.8		60 000 BTU	Per Unit	1	R	R
3.9		Copeland D6 FJJ 4000 BWM or equivalent	Per unit	1	R	R
3.10		Copeland 4RK2 2500 FSD or equivalent	Per unit	1	R	R
3.11		Copeland D6 FJ 4000 or equivalent	Per unit	1	R	R
3.12		Maneurop MT 160HW or equivalent	Per unit	1	R	R
3.13		Maneurop MT 80 R22 or equivalent	Per unit	1	R	R
4		Replacement of HiRef downblower parts:				
4.1		Replacement of HIREF downblower-Model: JADR0205 DX Unit.	Per unit	1	R	R
4.1.1		Type: Air-cooled	Per unit	1	R	R
4.1.1.1		Total cooling Capacity: 20,5kw	Per unit	1	R	R
4.1.1.3		Power Supply: 400/3 +N/50 (V/-HZ)	Per unit	1	R	R
4.1.1.4		Total absorbed power: 6,40 KW	Per unit	1	R	R
4.1.1.5		Total absorbed current: 12,10 Amp	Per unit	1	R	R
4.1.1.6		Evaporator Airflow: 5100 m3/h	Per unit	1	R	R
4.1.1.7		AESP@Max Fan Speed: 149 Pa	Per unit	1	R	R
4.1.1.8		Sound Pressure Level@ 2 m f.f Down Flow versions: 56 db(A)	Per unit	1	R	R
4.1.1.9		Compressor: Scroll 1 Type	Per unit	1	R	R
5		Replacement of parts for packaged Air-con systems Air-cooled condenser unit				

5.1		V-belt 950	Per Unit	1	R	R
5.2		Compressor	Per Unit	1	R	R
5.3		Air filter 600X600X50	Per Unit	1	R	R
5.4		PC Board-PC02 Built in terminal	Per Unit	1	R	R
5.5		Condenser fan	Per Unit	1	R	R
5.6		AHU fan motor	Per Unit	1	R	R
6		Refill Air-conditioning Gas	Per Unit	1	R	R
7		Replace fan motors:				
7.1		Size 1 – 9 000 BTU	Per Unit	1	R	R
7.2		Size 1 – 12 000 BTU	Per Unit	1	R	R
7.3		Size 1 – 18 000 BTU	Per Unit	1	R	R
7.4		Size 1 – 24 000 BTU	Per Unit	1	R	R
7.5		Size 1 – 30 000 BTU	Per Unit	1	R	R
7.6		Size 1 – 60 000 BTU	Per Unit	1	R	R
8		Replacement of Remotes (All brands and names)	Per Unit	1	R	R
9		Installation or relocating of unit (including pipes, interconnecting wire, brackets, trunking, and gas				
9.1		Split unit (12 000btu to 36 000btu)	Per unit	1	R	R
9.2		Under ceiling unit (46 000btu to 60 00 btu)	Per unit	1	R	R
9.3		Installation of 25mm PVC Conduit drainage pipe fixed with brackets on the walls	m	1		
9.4		Installation of 32mm PVC Conduit drainage pipe fixed with brackets on the walls	m	1		
9.5		Trunking 16 x 6 per meter	m	1	R	R

9.6		Trunking 25 x 16 per meter	m	1	R	R
9.7		Trunking 25 x 25 per meter	m	1	R	R
10		Allowance for relevant essential items omitted				
10.1		Provisional sum items per category per annum	Sum	1	R 200 000.00	R 200 000.00

BILL No. 7: WATER PROOFING

Item No	Description	Unit	Qty	Rate (Vat Exclusive) R	Rate (Vat Inclusive) R
	<u>WATERPROOFING</u>				
	Tenderers are advised to study the "Model Preambles for Trades 1999" before pricing this schedule.				
	<u>SUPPLEMENTARY PREAMBLES</u>				
	Waterproofing to roofs, basements, etc shall be laid under a ten-year guarantee. Waterproofing to roofs shall be laid to even falls to outlets etc with necessary ridges, hips and valleys. Description of sheet or membrane waterproofing shall be deemed to include additional labour to turn-ups and turndowns				
	<u>DAMP PROOFING OF WALLS AND FLOORS</u>				
1.	<u>One layer of 375 micron "Gundle plastic Brikgrip DPC" embossed damp proof course</u>				
1.1.	In walls	m ²	1	R	R
1.2.	In walls vertically/horizontally at reveals	m ²	1	R	R
2.	<u>One layer of 250 micron "Gundle Plastic USB Green" waterproofing sheeting sealed at laps with "Gunplas Pressure Sensitive Tape"</u>				
2.1.	Under surface beds.	m ²	1	R	R
2.2.	Vertically Between Walls	m ²	1	R	R
3.	<u>One layer of 250 micron "Gundle Plastic Hyperelastic Orange" waterproofing sheeting sealed at laps with "Superstik" tape carried out strictly in accordance with the</u>				
3.1.	Under surface beds.	m ²	1	R	R
3.2.	Vertically Between Walls	m ²	1	R	R
4.	<u>Two coats "Brickseal" bitumen emulsion waterproof coating</u>				
4.1.	On concrete floors	m ²	1	R	R
4.2.	On concrete walls, columns and beams	m ²	1	R	R
4.3.	On concrete walls, columns and beams in foundations	m ²	1	R	R
4.4.	On brick walls	m ²	1	R	R
4.5.	On brick bagged walls	m ²	1	R	R

5.	<u>Primer and two coats "Durabit" rubber bitumen emulsion waterproof coating</u>				
5.1.	On IBR, corrugated, etc. roof sheeting	m ²	1	R	R
5.2.	On concrete floors	m ²	1	R	R
5.3.	On concrete walls, columns and beams	m ²	1	R	R
5.4.	On concrete walls, columns and beams in foundations	m ²	1	R	R
5.5.	On brick walls	m ²	1	R	R
5.6.	On brick bagged walls	m ²	1	R	R
6.	<u>Primer and three coats "Durabit" rubber bitumen emulsion waterproof coating and one coat "Silvershield" aluminium coating</u>				
6.1.	On concrete floors	m ²	1	R	R
6.2.	On concrete walls, columns and beams	m ²	1	R	R
6.3.	On concrete walls, columns and beams in foundations	m ²	1	R	R
6.4.	On brick walls	m ²	1	R	R
6.5.	On brick bagged walls	m ²	1	R	R
7.	<u>4mm "Derbigum SP4" or equal and approved fully bonded waterproofing system carried out strictly in accordance with the manufacturer's instructions and under a Ten Year Insurance Backed Guarantee on materials and workmanship (On Concrete)</u>				
7.1.	On flat floors	m ²	1	R	R
7.2.	On sloping floors	m ²	1	R	R
7.3.	On flat roofs	m ²	1	R	R
7.4.	On flat wooden panels, roofs, etc	m ²	1	R	R
7.5.	On sloping roofs	m ²	1	R	R
7.6.	On parapet walls	m ²	1	R	R
7.7.	On tops and sides of invert beams	m ²	1	R	R
7.8.	On bottom and sides of floor ducts, channels, etc	m ²	1	R	R
7.9.	On bottom and sides of box gutters	m ²	1	R	R

7.10.	On bottom and sides of planter boxes	m ²	1	R	R
7.11.	On internal surfaces of 450 x450 x 450mm deep sump, catchpit, etc.	No	1	R	R
7.12.	Sealing edge to brickwork or concrete	m	1	R	R
7.13.	Sealing edge to brickwork or concrete including trowelled mastic bead	m	1	R	R
7.14.	Flashing strip 200mm girth a turn-ups including sealing top edge into groove with mastic	m	1	R	R
7.15.	Additional membrane 200mm girth at internal and external angles	m	1	R	R
7.16.	Additional membrane 200mm girth at internal and external angles circular on plan including darts as necessary	m	1	R	R
7.17.	Additional membrane 200mm girth at turn-ups including flashing strip 200mm girth and sealing top edge into groove with mastic	m	1	R	R
7.18.	Type 40 bituminous fibreglass felt protection layer with coarse buildings and blinding loose laid over horizontal waterproofing with 50mm wide side and end laps sealed with cold bituminous	m	1	R	R
7.19.	30 x 30mm softwood timber triangular fillet	m	1	R	R
7.20.	50 x 50mm softwood timber triangular fillet	m	1	R	R
	<u>PROTECTIVE STONE DRESSING</u>				
8.	<u>20mm crusher stone dressing evenly spread with larger stones around outlets</u>				
8.1.	50mm thick on waterproofing to flat roofs	m ²	1	R	R
	<u>PROTECTIVE ROOFING PAINT</u>				
9.	<u>Two coats bituminous aluminium paint</u>				
9.1.	On waterproofing to roofs	m ²	1	R	R
9.2.	On waterproofing to box gutters	m ²	1	R	R
	<u>JOINT SEALANTS, ETC.</u>				
10.	<u>Silicone sealing compound including backing cord, bond breaker, primer, etc.</u>				
10.1.	6 x 12mm. in saw cut joints in concrete surface beds	m	1	R	R

10.2.	10 x 12mm. in expansion joints between concrete surface bed sand brickwork including raking out joint filler as necessary	m	1	R	R
10.3.	10 x12mm. in vertical expansion joints between brickwork or concrete surfaces including raking out joint filler as necessary	m	1	R	R
10.4.	10 x1 2mm. in expansion joints in soffits raking out joint filler as necessary	m	1	R	R
11.	Clear Neutral silicone sealant:				
11.1.	In 10mm joint sealing and pointing all round external window and door frames.	m	1	R	R
12.	Clear silicon sealant				
12.1.	Between glazed tiles and sanitary fittings	m	1	R	R
12.2.	"The Works" or equivalent wet surface sealant	m	1	R	R
13.	"Sikaflex -11fc" polyurethane sealing compound, or similar approved, applied in accordance with manufacturer's specifications:				
13.1.	In 5mm grooves in parapet walls.	m	1	R	R
13.2.	In 5mm grooves in 270mm cavity walls.	m	1	R	R
13.3.	In 10mm thick concrete expansion joints on floor slabs and concrete columns.	m	1	R	R
	<u>EPOXY</u>				
14.	<u>"EPOXY 319/20" epoxy floor and wall coating applied in strict accordance with the manufacturer's instructions</u>				
14.1.	On screeded floors	m ²	1	R	R
14.2.	On screeded seating slabs	m ²	1	R	R
14.3.	On plastered walls	m ²	1	R	R
15.	<u>Primer and two coats "Rubberising" bitumen emulsion waterproof coating</u>				
15.1.	On concrete floors	m ²	1	R	R
15.2.	On concrete walls, columns and beams	m ²	1	R	R
15.3.	On concrete walls, columns and beams in foundations	m ²	1	R	R

15.4.	On brick walls	m ²	1	R	R
15.5.	On brick bagged walls	m ²	1	R	R
16.	<u>Fibre Flex membrane free "Flash Harry" or equally approved waterproofing</u>				
16.1.	On flat roofs	m ²	1	R	R
16.2.	On flat wooden panels, roofs, etc	m ²	1	R	R
16.3.	On sloping roofs	m ²	1	R	R
16.4.	On sloping IBR roof sheeting	m ²	1	R	R
16.5.	On walls	m ²	1	R	R
16.6.	On tops and sides of invert beams	m ²	1	R	R
17.	<u>Bituminised heat-laminated layer of aluminium foil "Slatex 2000" or equivalent waterproofing to slate roofs</u>				
17.1.	On flat roofs	m ²	1	R	R
17.2.	On sloping roofs	m ²	1	R	R
18.	<u>Two coats of one-component Siloxane "abe-wall seal" or equivalent waterproofing repellent</u>				
18.1.	On walls	m ²	1	R	R
18.2.	On tops and sides of invert beams	m ²	1	R	R
19.	<u>Bitumen emulsion "abe-Flintkote 3" or equivalent waterproofing</u>				
19.1.	On concrete retaining walls	m ²	1	R	R
19.2.	On basements	m ²	1	R	R
19.3.	On abutments	m ²	1	R	R
19.4.	On wingwalls	m ²	1	R	R
20.	<u>Three coats of two-component "Vandex" or equivalent waterproofing repellent</u>				
20.1.	On walls	m ²	1	R	R

20.2.	On tops and sides of invert beams	m ²	1	R	R
21.	<u>ROOF SEALING</u>				
21.1.	Repair water leaks and make watertight to IBR roofing sheets and paint to match existing colour. Apply three layers of white 250mm thick membrane with three coats of suitable waterproofing paint.	m ²	1	R	R
21.2.	Repair leaks and make watertight to Clip Lock roofing sheets and paint to match existing colour. Apply three layers of white 250mm thick membrane with three coats of suitable waterproofing paint.	m ²	1	R	R
21.3.	Repair leaks and make watertight to Roof tile and paint to match existing colour. Apply three layers of white 250mm thick membrane with three coats of suitable waterproofing paint.	m ²	1	R	R
21.4.	Repair leaks and make watertight to Corrugated roofing sheets and paint to match existing colour. Apply three layers of white 250mm thick membrane with three coats of suitable waterproofing paint.	m ²	1	R	R
21.5.	Repair water leaks and make watertight to IBR, corrugated sheets, Clip lock sheets and other metal roofing sheets using ABE Super Waterproof Laykold Tape - 150mm X 10m. Clean, prepare sheets and dry up before application	m	1	R	R
21.6.	Repair leaks and make watertight to concrete roof slab by preparing the slab, Apply three layers of white 250mm thick membrane with three coats of suitable waterproofing paint.	m ²	1	R	R
21.7.	Repair leaks and make watertight to concrete roof slab by preparing the slab, apply three layers of bitumen rubberised waterproofing – black, applied with torch-on bituminous membrane minimum 300mm wide.	m ²	1	R	R
21.8.	Cleaning of existing gutters	m	1	R	R
21.9.	Cleaning and sweeping of concrete roof slab	m ²	1	R	R
	<u>ROOF INSULATION</u>				
22.	<u>Heavy Industrial double-sided reflective foil laminate incorporating layers of kraft paper and reinforcing scrim, laminated together with low density polyethylene (293gsm):</u>				
22.1.	Cloverland Monier Radenshield or similar approved double-sided insulation laid taut under purlins (at approximately 1207mm centres) with reflective facing to be exposed to roof sheets and fixed concurrent with roof covering, including taped laps and nylon / galvanised straining wires.	no	1	R	R

23.	<u>Non-combustible flexible wool insulation blanket with foil face on one side to comply with a R-value of 2.56:</u>				
23.1.	100mm Insulation laid between purlins at max 1200mm centres supported by galvanised steel straining wires fixed to underside of rafters at max 400mm centres (straining wires e/m).	m²	1	R	R
24	Allowance for relevant essential items omitted				
24.1	Provisional sum per case per category per annum	Sum	1	R 200 000.00	R 200 000.00

- **The Grand total indicated is for indicative purposes only, this does not in any way indicate the total amount awarded for the contract.**

SCHEDULE OF RATES

- Mark Up on items not covered under the pricing schedule is limited to a 5% on the actual price of the item, not on the pricing schedule and not on profit, will be covered under the provisional sum.

For items that fall outside the scope stipulated in this document, the following table applies. This will be limited to the items that are required for the supply and install of the equipment as set out in this document.

The service provider is to be aware that ERWAT reserves the right to obtain quotes to check if the contractor is not overcharging with respect to such item/s. **The mark-up percentage will be limited to a maximum of 5% and will be considered on a case-to-case basis and limited to the current equipment.**

Item amount incl. VAT	Percentage Mark-up
Up to R 2 000	5%
R 2 001 to R 5 000	5%
R 5 001 to R 10 000	5%
R 10 001 to R15 000	5%
Above R15 000	5%

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: _____

8.1 ALTERNATIVE OFFERS

If a bidder wishes to submit an alternative for any of the items in the schedule of rates, 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.

If subsequently required, the bidder shall submit fully detailed drawings and calculations of the alternative bid in the form set out by the Engineer, and the cost of checking calculations and drawings shall be for the bidder's account, if his bid is accepted.

Only ISO/SANS/SABS or items registered with the relevant regulatory authority will be considered.

Please note that ERWAT reserves the right to accept or not accept the alternative offered.

SIGNATURE OF BIDDER

DATE



ERW2403/01: THE APPOINTMENT OF SERVICE PROVIDER TO PROVIDE GENERAL REPAIRS AND MAINTENANCE OF BUILDINGS FOR VARIOUS ERWAT SITES OVER A FIXED PERIOD ON 'AN AS AND WHEN REQUIRED' BASIS

C3 SCOPE OF WORK

DETAILED CONTENTS (VOLUME 3)

PART C3 SCOPE OF WORKS

C3.1 Description of works

- C3.1.1 Employers Objective
- C3.1.2 Overview of the Works
- C3.1.3 Staff Complement
- C3.1.4 Extent of the Works
- C3.1.5 Location of the Works
- C3.1.6 Temporary Works

C3.2 Engineering

C3.3 Construction

C3.4 Management of the works

C3.4 Health and Safety

C3.6 Environmental Management during Construction

ERW2403/01: THE APPOINTMENT OF SERVICE PROVIDER TO PROVIDE GENERAL REPAIRS AND MAINTENANCE OF BUILDINGS FOR VARIOUS ERWAT SITES OVER A FIXED PERIOD ON 'AN AS AND WHEN REQUIRED' BASIS

1. OBJECTIVE OF THE EMPLOYER

ERWAT is seeking to establish a Framework Agreement with suitably qualified & experienced service providers to render maintenance services mainly related to building works for a Maximum period of thirty-six (36) months limited to three (3) financial periods as determined by the Municipal Finance Management Act (MFMA) on an as and when required basis.

The Framework Agreement shall follow the standard definition and conditions of Framework Agreements as contained in the National Treasury documents for Infrastructure Procurement and Delivery Management (SIPDM). The Employer does not bind itself to the Service Providers to issue a minimum or maximum quantum of work/services or fee value of work/services during the term of the Framework Agreement, therefore when the Framework Agreement is awarded or concluded it shall have a zero-contract price or zero-volume of specified works/services attached. The Service Provider shall note that the intention of the Employer is to set up a Framework Agreement for a specific contract term to ensure that as-and-when the Employer requires services scoped per this contract; the Service Provider is in position, without delay to render such services

The contract calls for the provision of repairs and maintenance services to various ERWAT water care works and buildings, by sustainably qualified building maintenance contractors, using durable equipment and material. Currently ERWAT does not have capacity to carry out the responsibility of doing repair work and building maintenance for all ERWAT sites. The current ERWAT team will be working in close relation with the appointed bidders throughout the life of the agreed terms of the contract to build capacity within the maintenance team. This contract will be used by Operations, Maintenance, Scientific Services and Infrastructure Projects and Plans Departments.

2. OVERVIEW OF THE WORKS

The extent of the scope of works shall include building works maintenance, buildings related electrical works, buildings related Mechanical Works, Plumbing Works and Waterproofing Works.

The description of the project contained in the Scope of Work is merely an outline of the Contract Work and shall not limit the work to be carried out by the Contractor under this Contract. The work that is to be carried out under this contract is as provided for in the SCHEDULE OF RATES (Part C2 above). Should it be found out that, during the course of construction, the conditions differ from those anticipated, the Employer's Agent reserve the right to modify the scope of the work to suit the prevailing conditions and circumstances.

2.1 GENERAL AND MANDATORY REQUIREMENTS

2.1.1 General Requirements

- a. Site induction training has to be completed before any work can be undertaken. (both general and site specific)
- b. The contractor must comply with the ERWAT Permit to Work and Safe operation procedures.
- c. All the relevant work permits and authorization has to be obtained before any work can be under taken.
- d. All work done and equipment supplied has to be in accordance with the applicable standards as listed in this document.

- e. No work shall be undertaken without an official purchase order or written confirmation via e-mail in case of an emergency from the designated ERWAT representative.
- f. No equipment may be removed from site without written permission from the relevant plant manager.
- g. The installation of any equipment shall include the putting back into operation, testing, special testing (if required) and adjustments on the equipment.
- h. A project and quality control plan will be required for any installation of equipment.
- i. All the required tools, consumables, testing facilities, and other requirements to perform the work as per the Contract shall be provided by the contractor.
- j. ERWAT reserves the right to hold the contractor responsible for any equipment that will be damaged due to the contractor's negligence or poor workmanship.

ALL new Equipment and newly supplied parts shall carry A MINIMUM twelve (12 No.) calendar months WARRANTY from date of acceptance by ERWAT representative

3. Extent of the Works

Description of the Scope

All the Works: Repairs and maintenance 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 invoices for parts/services from OEM. The primary activities of the project shall include but not be limited to the following, the complete scope of work shall be as contained in the Schedule of Rates under Part C2:

- a) Building Works:
 - Painting and clearing of buildings
 - Roof, Floor, Doors and Wall Repairs
 - Refurbishment of office space
 - Health and Safety Works
- b) Electrical Works
 - Building Wiring
 - Circuit Brakers
 - Lighting and Lighting studies
- c) Mechanical Works
- d) Plumbing Works
- e) Waterproofing

General Requirements

a) Manufacturers specification and codes of practice

All equipment and materials shall be serviced and repaired strictly in accordance with the manufacturers' specifications, instructions, and codes of practice. Replaced with new SABS and/or SANS approved components where necessary.

b) Materials and installations

All materials, parts and equipment supplied and installed for repairs shall be new, high quality, designed and manufactured to the relevant specifications, suitable for providing efficient, reliable and trouble-free service. Only original certified spares will be used.

All work shall be well executed by qualified Artisan or Technician. The Contractor shall submit a detailed list of the equipment, parts and material to be used to ERWAT for approval before placing orders or commencing repairs. The Contractor shall make sure that all safety regulations and measures are applied and enforced during the repairs and servicing work to ensure safety. Repair and servicing work shall be done in such a manner as to ensure the shortest possible downtime.

c) Strip and quote

When a call is logged a contractor will be expected to:

- Visit the relevant ERWAT site or Pump station within 2 hours.
- Do a comprehensive assessment and full diagnosis.
- Provide fully itemized quotation to ERWAT.

Stripping of equipment should be completed within 5 hours. Call out does not give an automatic go-ahead for the service provider to proceed with the repair. ERWAT representative will visit the site to check and verify the scope of work to be done.

d) Inspection requirements

- ERWAT Representatives must be present during the inspection to satisfy themselves that the complete repairs comply with the specification and delivers the specified output.
- Test report/certificate of the tests where specified are to be submitted to ERWAT together with the invoice and delivery note on completed work.
- Visual inspections shall also form part of this contract; ERWAT Representatives must also be part of this process to witness and sign off the activity pre-assembly and/or post assembly to verify the quality of material used and the required dimensions.

e) Status Quo on name branded units currently on sites

- Bidders must take note of all the units/component currently installed on all the sites as stipulated in the billing schedule.
- Where units/component of same brand cannot be replaced / repaired, bidders will be required to submit a quote for the alternative replacement unit with its full brochure, prices, etc. and on approval the old unit will be replaced in the SLA and amended accordingly, and such repair or maintenance services will continue for the remainder of the contract.

f) Special Terms and Conditions of the Project

- If during any inspection, unsatisfactory conditions are revealed where substandard works are rendered, ERWAT shall temporarily stop further works, and if the unsatisfactory conditions cannot be resolved, ERWAT will take steps to terminate the contract. Any additional work that needs to be done to bring the works to the required standard will be for the supplier's account.
- Suppliers should provide environmentally friendly solutions, preferably in compliance with the ISO 14000 environmental policy.
- All the Works: Repairs and servicing shall be executed in accordance with the OEM Requirements/Standards.
- It shall be expected of the Contractor that she/he will evaluate the condition of the works/services and based on that evaluation make a decision on which spares she/he will keep as Strategic Spares, as to minimize risk to ERWAT.

g) Plumbing general requirements

The specification covers all plumbing related works, new installations and maintenance of drainage.

h) Replacement of items

Where it is necessary to replace any existing item with a new item under this Contract, the new item shall be of at least the same quality as the existing item. The Contract Manager shall have the right to reject the item if it is of inferior quality.

i) Applicable SANS Specifications and codes

SANS 0254 - The installation, maintenance, replacement, and repair of fixed electric storage water heating systems

SANS 1200 D - Earthworks

SANS 1200 DB - Earthworks (pipe trenches)

SANS 1200 G - Concrete (structural)

SANS 1200 L - Medium-pressure pipelines

SANS 1200 LB - Bedding (pipes)

SANS 1200 LC - Cable ducts

SANS 1200 LD - Sewers

SANS 1222 - Enclosures for electrical equipment (classified according to the degree of protection that the enclosure provides)

SANS 0252. Part 1 - Water supply installations for buildings

SANS 0252. Part 2 - Drainage installations for buildings

CKS 114 - Pressed steel sectional tanks

j) Requirements for installation of domestic water installations

i) All pipes are to be carefully examined for defects and flaws before installation and shall be neatly fitted. They shall be installed in such manner as to prevent the formation of air locks. Automatic air vents shall be installed on all high points of the installation.

ii) The ends of all the pipes are to be clean, free from burrs, and rough edges, and joined together tightly. Where applicable such as with galvanised piping, an approved pipe jointing compound may be sparingly used with best quality hemp. All surplus or exposed hemp is to be thoroughly cleaned off joints before the painting of pipes. Pipes to be installed underground shall comply with the requirements of SANS 1200L and SANS 1200LB as far as bedding, excavation and backfilling are concerned.

iii) All vertical pipes must be securely fixed with brackets and supports of approved type, into the wall and not more than 40 mm from the wall. These fixings must be strictly adhered to.

iv) Pipes installed in service ducts and ceiling voids are to be perfectly plumbed and secured with approved brackets, fixed securely at distances not exceeding the specified distances and not more than 40 mm away from the face of the walls or soffits. Pipes must be free to move in the brackets. Pipes inside buildings and where specified shall be chased into walls, wrapped with building paper and properly secured and covered.

v) Pipes passing through walls and concrete floors are to be provided with suitable pipe

sleeves extending 10 mm beyond finished floor or wall surfaces. All pipe fixings and throughways shall be free to allow movement for expansion and contraction. Any pipefitting used to join a pipe that is rigidly secured by a structural element shall be securely anchored to prevent any stress developing between the fitting and the structural element.

vi) Chromium or nickel-plated metal covering plates are to be provided and fixed securely to pipes passing through the ceilings and walls. This requirement is not applicable to concrete floors and ceilings.

vii) Pipes passing through the ceilings or floors shall be offset from the wall to the front of the cornice with sufficient clearance to allow for the clear fixing of a ceiling plate. Pipes shall not be installed directly through the cornice. In multi-storey buildings where wall thickness varies, the same shall apply.

viii) All offsets are to be evenly and symmetrically set, the offsets being as near to the ceiling as possible.

ix) Pipes shall be installed in such a manner to allow for contraction and expansion.

x) During construction, all pipe ends shall be kept plugged to prevent any ingress of dirt, rubble, etc.

xi) Damages, chases, holes, etc, in brickwork, concrete and other finishes resulting from repair, replacement and service work shall be made good to match the existing and shall include plaster, concrete work, brickwork, paint, tiling, ceilings and all required materials for the remedial action.

xii) The work shall be of a high quality and executed by qualified tradesmen in accordance with the relevant specifications.

k) Underground sanitary drainage installations

i) All manhole covers and frames shall be cast into the concrete cover slabs.

ii) Manholes in trafficable areas shall be provided with type 1A heavy-duty cover and frame and surrounded by concrete slabs.

iii) Fittings in the ground and below floor slabs shall be without access eyes.

iv) Sewer pipes in the ground with a slope steeper than 1:5 and/or under surface beds shall be encased in concrete as detailed.

v) The sewer outside the boundary of a building complex shall be constructed strictly in accordance with the details and specifications of the local authorities.

- vi) Existing drainage invert levels and positions are to be checked against invert levels given on the drawings before commencing the work. The Contractor shall inform the Contracts Manager immediately of any discrepancy.
- vii) All affected existing services are to be located and exposed before commencing the proposed repair work.
- viii) The drainage system shall be tested according to the specifications laid down by the NBRI. This shall be carried out in the presence and to the satisfaction and approval of the Contracts Manager.
- ix) During construction, all pipe ends are to be suitably plugged to prevent any ingress of dirt, rubble, etc.

I) Above ground sanitary drainage installations

- i) All accessible waste and soil fittings above ground level shall have inspection eyes.
- ii) Inspection eyes shall not be underneath any fittings.
- iii) All single wash hand basins shall be connected to a 40 mm internal diameter waste pipe.
- iv) All groups of wash hand basins and sinks shall be connected to a 50 mm internal diameter waste pipe, unless otherwise indicated.
- v) All traps up to and including 50 mm diameter shall be of the "deep reseal" (75 mm) type.
- vi) The maximum bend on any single fitting shall be 45°, with the exception of ventilation pipes where bends of up to 90° may be used.
- vii) Drainage pipes and fittings running below concrete slabs and along walls and columns shall be suspended by means of approved type hangers, holder bats, etc, placed at appropriate intervals, to provide a rigid, proper suspended system as required by the manufacturer.
- viii) All ventilation pipes shall be finished off with a suitable durable grating.
- ix) All S-trap WC pans shall have plugged anti-siphon horns fitted to provide for cleaning access.



2.2 SITE INFORMATION

Head Office situate on R25 Bapsfontein Road, Kempton Park

Locality of Water Care Works:

SITE NAME	POSITION		LOCATION
	Latitude (S)	Longitude (E)	
Esther Park	26°06.009'	28°11.018'	Kempton Park
Benoni	26°12.546'	28°19.028'	Benoni
Hartebeestfontein	26°01.160'	28°16.977'	Kempton Park
Olifantsfontein	25°56.598'	28°12.853'	Olifantsfontein
Rynfield	26°09'38.67"	28°02'32.87"	Benoni

SITE NAME	POSITION		LOCATION
	Latitude (S)	Longitude (E)	
Ancor	26°16.281'	28°28.772'	Springs
Daveyton	26°08.163'	28°27.888'	Daveyton
Jan Smuts	26°13.484'	28°22.515'	Brakpan
JP Marais	26°10.118'	28°23.587'	Benoni
Welgedacht	26°11'29.18"	28°28'26.86"	Welgedacht, Springs

SITE NAME	POSITION		LOCATION
	Latitude (S)	Longitude (E)	
Carl Grundlingh	26°23.053'	28°28.179'	Nigel
Heidelberg	26°53.994'	28°33.200'	Heidelberg
Herbert Bickley	26°26.741'	28°26.868'	Nigel
Ratanda	26°34.925'	28°18.213'	South-west Ratanda
Tsakane	26°22.559'	28°21.956'	Tsakane

SITE NAME	POSITION		LOCATION
	Latitude (S)	Longitude (E)	
Dekema	26°19.522'	28°09.940'	Katlehong
Rondebult	26°17.632'	28°08.485'	Rondebult
Vlakplaats	26°21.229'	28°10.574'	Vosloorus
Waterval	26°26.212'	28°06.124'	Klipriver, Midvaal

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2