



PROJECT NO: ERW2407/10

APPOINTMENT OF SERVICE PROVIDER/S TO SUPPLY, DELIVER AND INSTALL HIGH MAST AND STREET LIGHTS AT ERWAT WASTEWATER CARE WORKS ON 'AS AND WHEN REQUIRED' BASIS FOR A PERIOD OF THIRTY-SIX (36 NO.) MONTHS

C2.1 PRICING INSTRUCTIONS

1. This Contract is a Framework Agreement and shall be solely used to provide services on as-instructed basis, the Service Provider shall only tender rates against each item given in the Schedule of Rates so that as-and when the employer requires services scoped as per this contract; the Service Provider is in position, without delay, to render such services.
2. 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. Emphasis is made on CIDB Practice None 15 (Synopsis and Introduction), that the CIDB grading should not be understood as a commitment to a minimum quantum of work equal to the lower limit of the CIDB grade applicable to this contract. The issuing of orders will be subject to budget availability and other factors that may influence prioritisation of services to the client during the term of the agreement.
3. The Schedule of Rates shall be read together with the scope of works including all technical specifications, and the service providers shall be expected to provide rates that are specific to the requirements of the scope of works and technical specifications contained in the bid.
4. 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.
5. 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.
6. 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.

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

7. 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.
8. Unless stated to the contrary, items are measured net in accordance with the Drawings without any allowance having been made for waste.
9. 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

10. 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

11. 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.
12. 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.

Contractor

Witness 1

Witness 2

Employer

Witness 1

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13. **This is a Rates based contract developed under an indicative scope of work and therefore there are no Quantities or Totals set out in the pricing schedule, Work Orders will only be generated on “as and when” required basis according to the rates offered and accepted at the negotiation and award stage.**
14. 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.
15. 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.
16. 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.
17. The effect of changes in prices or law on the amounts due shall be adjusted on the following basis:
- No price adjustment over the first 12-month period of the Contract.
 - 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.
18. 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.
19. 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.
20. 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.
21. The Provisional Sums and Tendered amounts/prices shall be applicable per Works Order or IPW issued and should not be deemed to represent the maximum available budget for the entire Framework Contract.

22. Provisional Sum and Allowable for Contingencies

- 22.1. The Contractor must obtain a minimum of three quotations (where possible) to be approved in writing by the relevant ERWAT Chief Financial Officer before proceeding with the Works.
- 22.2. The Provisional Sums and Contingencies shall be applicable to the maximum amount in each case where a Works Order is released and shall be considered to be available to the maximum amount for any Works Order generated until the contract expires. It shall be noted that these sums shall not be understood to be the total Provisional Sums and Contingencies applied once off to the entire contract.

Contractor

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23. Mark Up on items not covered under the pricing schedule shall be negotiated to a maximum of 10% on the actual price of the item, not on the pricing schedule and not on profit:
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 10% and will be considered on a case-by-case basis and limited to the scope.**
24. A maximum allowable of 10% shall be included on each and every order that will be issued upon award to cater for contingencies.
25. The Preliminary and General rates and amounts shall be applicable to the maximum in each case each Works Order at a time and shall in no wise be understood as the maximum allowable amounts for the entire duration of the contract.
26. The Preliminary and General rates and amounts shall be applicable to the maximum amount in each case where a Works Order is released and shall be considered to be available to the maximum amount for any Works Order generated until the contract expires. It shall be noted that these amounts and rates shall not be understood to be the total Preliminary and Generals applied once off to the entire contract.
27. As per the CIDB Practice Notes, the procurement strategy followed in this contract shall follow the method of applying a maximum CIDB grade for each Financial Year, the CIDB grading of 8 CE shall be applied as the maximum CIDB grade for each Financial Year for the term of the Framework Agreement, and shall not be considered to be the once off CIDB grading for the entire term of the contract.
28. ERWAT reserves the right to negotiate with bidders, the tendered rates will be subject to negotiation, and the employer will satisfy itself that prices are not too low to warrant risks with service delivery failure or too high to warrant risks with cost overruns.

(The price should be inclusive of all direct and indirect costs (including transport, labour and other applicable fees)).

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.

Bidders are not allowed to STRIKE THROUGH the BOQ and only the abbreviations as stated below, will be accepted:

No charge = N/C

Included = Incl

R0 will be accepted as no charge.

No offer = N/O

If pricing is left blank, or the bidder indicated N/A, it will be accepted to be an incomplete and non-responsive bid.

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2



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SIX (36 NO.) MONTHS**

C2.2 SCHEDULE OF RATES

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

C2.2 SCHEDULE OF RATES

1. SECTION A: PRELIMINARY & GENERAL FOR VARIOUS EKURHULENI WATER CARE WORKS

SECTION A: PRELIMINARY AND GENERAL FOR VARIOUS SITES			
ITEM	DESCRIPTION	UOM	RATE (incl. VAT)
1	Site Establishment per WCWs	Sum (Per Case)	
2	General Health & Safety Obligations	Sum (Per Case)	
3	Development of the Occupational Health and Safety File (Including Updating and Maintaining)	Each	
4	(Provision of Geotech Report and soil tests for the proposed sites)	Sum (Per Case)	
5	Safety Signage: Information Boards and Signs including danger tapes as well as barricades (During Execution)	Sum (Per Case)	
6	Compliance with OHS ACT: Compiling and implementing of Safety Plan and issuing of safety clothes, shoes, gloves etc., as required.	Sum (Per Case)	
7	Designs and Drawings	Per Mast	
8	Electrical Certificate of Compliance	Each	
9	Testing, Inspection and Commissioning.	Each	
10	Training of operating and maintenance procedures, including three sets of Instruction manuals.	Sum (Per Case)	

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

2. SECTION B: PLANT HIRE FOR VARIOUS EKURHULENI WATER CARE WORKS

SECTION B: PLANT HIRE (WET RATE) FOR VARIOUS SITES			
All plant rates submitted shall be fully inclusive of all direct and indirect costs required for the operation and availability of the equipment, including but not limited to labour, operators, fuel, lubricants, maintenance, mobilisation (establishment and de-establishment), demobilisation, insurance, statutory compliance, overheads, and profit. No additional payments will be made for any such costs, and rates shall cover all resources necessary to complete the works in accordance with the tender requirements.			
ITEM	DESCRIPTION	UOM	RATE (incl. VAT)
11	LDV (Light Duty Vehicle)	Per Day	
12	Scaffolding (Per 1 metre High)	Per Day	
13	Truck, with 4 Ton Capacity Crane	Per Day	
14	6m ³ Tipper Truck	Per Day	
15	LDV (Light Duty Vehicle)	Per Day	
16	10m ³ Tipper Truck	Per Day	
17	2" Mobile Diesel Pump & Auxiliaries (Including Lay flats)	Per Day	
18	4" Mobile Diesel Pump & Auxiliaries (Including Lay flats)	Per Day	
19	6" Mobile Diesel Pump & Auxiliaries (Including Lay flats)	Per Day	
20	Bobcat	Per Day	
21	Standard Size TLB	Per Day	
22	Excavator (Minimum requirement 6 Ton)	Per Day	
23	Lifting Equipment (8 Ton Crane) & Accessories	Per Day	
24	Lifting Equipment (20 Ton Crane) & Accessories	Per Day	
25	Lifting Equipment (25 Ton Crane) & Accessories	Per Day	
26	Lifting Equipment (35 Ton Crane) & Accessories	Per Day	
27	Lifting Equipment (55 Ton Crane) & Accessories	Per Day	
28	Lifting Equipment (90 Ton Crane) & Accessories	Per Day	
29	Lifting Equipment (110 Ton Crane) & Accessories	Per Day	
30	Lifting Equipment (220 Ton Crane) & Accessories	Per Day	
31	Lifting Equipment (275 Ton Crane) & Accessories	Per Day	
32	18m Working Height Cherry Picker (230kg SWL)	Per Day	
33	28m Working Height Cherry Picker (230kg SWL)	Per Day	
34	43m Working Height Cherry Picker (272kg SWL)	Per Day	

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

3. SECTION C: CIVIL WORKS FOR VARIOUS EKURHULENI WATER CARE WORKS

SECTION C: CIVIL WORKS			
ITEM	DESCRIPTION	UOM	RATE (incl. VAT)
35	Trenching, including allowance for overcut, placing of material alongside trench, backfilling and compact for a width of 600mm depth x 450mm wide (Pickable soil)	m ³	
36	Trenching, including allowance for overcut, placing of material alongside trench, backfilling and compact for a width of 600mm depth x 450mm wide (Soft rock)	m ³	
37	Trenching, including allowance for overcut placing of material alongside trench, backfilling and compact for a width of 600mm depth x 450mm wide (Soft rock)	m ³	
38	Trenching, including allowance for overcut, placing of material alongside trench, backfilling and compact for a width of 600mm depth x 450mm wide (Hard rock)	m ³	
39	Perform soil bearing pressure tests for each mast prior to casting the concrete base to ensure that the soil load bearing conditions are suited to the specific concrete base design. Provide soil test & Geotech Report.	Per Foundation	
40	Base Plate Grouting	Each	
41	Concrete foundation for high mast complete with excavation, blinding (15 Mpa), steel reinforcing, formwork, Concrete (30Mpa) foundation bolts and template set, back fill and compacting etc. (Pickable soil)	m ³	
42	Concrete foundation for high mast complete with excavation, blinding (15 Mpa), steel reinforcing, formwork, Concrete (30Mpa) foundation bolts and template set, back fill and compacting etc. (Soft rock)	m ³	
43	Concrete foundation for high mast complete with excavation, blinding (15 Mpa), steel reinforcing, formwork, Concrete (30Mpa) foundation bolts and template set, back fill and compacting etc. (Hard rock)	m ³	
44	Additional G5 Material incorporated for backfilling and footing	m ³	
45	Additional 19mm stones in waterlogged areas	m ³	
46	Survey of existing underground services per site	m ²	
47	Foundation Testing	Per Foundation	
48	Dismantling of obsolete steelwork including the luminaries cluster	Each	

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

SECTION C: CIVIL WORKS			
ITEM	DESCRIPTION	UOM	RATE (incl. VAT)
49	Cleaning, removal and dumping of excess material from site to dedicated dump area	m ³	
50	Supply & Pouring Concrete	m ³	
51	Lifting of paving stones per cubic meter	m ²	
52	Repair and Re-instate the Paving	m ²	
53	Breaking of tar per cubic meter	m ²	
54	Repair and Re-instate Tar	m ²	
55	Test certificates for concrete 10/30/40 days for every mast foundation	Each	
56	High –density polythene (HDPE) flexible sleeve pipping laid in trench: 50mm Diameter	m	
57	High –density polythene (HDPE) flexible sleeve pipping laid in trench: 110mm Diameter	m	
58	90 Degree long radius bends for HDPE flexible sleeve piping: 50mm Diameter	Each	
59	90 Degree long radius bends for HDPE flexible sleeve piping: 110mm Diameter	Each	

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

4. SECTION D: LOW VOLTAGE INSTALLATION & EARTHING FOR VARIOUS EKURHULENI WATER CARE WORKS SITE

A. LOW VOTAGE CABLES: SUPPLY			
ITEM	DESCRIPTION	UOM	RATE (incl. VAT)
60	Supply 16mm ² x 3Core PVC/SWA PVC cables	m	
61	Install 16mm ² x 3C PVC/SWA PVC cables	m	
62	Supply 35 mm ² , 4core PVC/SWA PVC cables	m	
63	Install 35 mm ² , 4core PVC/SWA PVC cables	m	
64	Supply 16 mm ² Bare Earth Copper	m	
65	Install 16 mm ² Bare Earth Copper	m	
66	Supply 10 mm ² Bare Earth Copper	m	
67	Cable Terminations (complete) per mast / streetlight	Each	
68	Cable Joints (complete) per mast / streetlight	Each	

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

5. SECTION E: CIRCUIT BREAKERS FOR VARIOUS EKURHULENI WATER CARE WORKS SITE

SECTION E: CIRCUIT BREAKERS			
ITEM	DESCRIPTION	UOM	RATE (incl. VAT)
69	100A 3 Pole 10kA Circuit Breaker.	Each	
70	80A 3 Pole 10kA Circuit Breaker.	Each	
71	63A 3 Pole 10kA Circuit Breaker.	Each	
72	40A 3 Pole 10kA Circuit Breaker.	Each	
73	40A 2 Pole 10kA Circuit Breaker.	Each	
74	20A 3 Pole 10kA Circuit Breaker.	Each	
75	20A 2 Pole 10kA Circuit Breaker.	Each	
76	80A 3 Pole 10kA Circuit Breaker.	Each	
77	63A 2 Pole 10kA Circuit Breaker.	Each	
78	20A 1 Pole 6kA Circuit Breaker.	Each	
79	16A 1 Pole 6kA Circuit Breaker.	Each	
80	10A 1 Pole 6kA Circuit Breaker.	Each	
81	3 Phase + N Class 2 surge protection (Dehn guard & Dehn Gap)	Each	
82	63A E/L Unit (3P + N)	Each	
83	63A E/L Unit (1P + N)	Each	

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

6. SECTION F: LIGHTING PROTECTION FOR VARIOUS EKURHULENI WATER CARE WORKS SITE

SECTION F: LIGHTING PROTECTION			
ITEM	DESCRIPTION	UOM	RATE (incl. VAT)
84	Supply of All Earthing materials per mast/ streetlight, SABS approved lightning protection/earthing system complete including drawings and earth resistance readings	Sum (Per Case)	
85	Installation of All Earthing materials per mast/ streetlight, SABS approved lightning protection/earthing system complete including drawings and earth resistance readings	Sum (Per Case)	

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

7. SECTION G: HIGH MAST LIGHTS FOR VARIOUS EKURHULENI WATER CARE WORKS SITE

SECTION G: HIGH MAST LIGHTS			
This section includes Supply and Install high mast complete with all the accessories. The luminaires must be Light Management System (LMS) Ready.			
ITEM	DESCRIPTION	UOM	RATE (incl. VAT)
86	Supply Hot dip galvanised 30-Metre-High Mast Pole as per specifications	Each	
87	Erect, Install and Commission of 30-Metre-High Mast Pole	Each	
88	Supply Hot dip galvanised 25-Metre-High Mast Pole	Each	
89	Erect, Install and Commission of 25-Metre-High Mast Pole as per specifications	Each	
90	Supply and install Bracket (Ring) to hold 9 flood Lights	Each	
91	Supply of Hydraulic Winch (Single Cylinder)	Each	
92	Supply 400W LED luminaire	Each	
93	Install 400W LED luminaire	Each	
94	Supply 600W LED luminaire	Each	
95	Install 600W LED luminaire	Each	
96	Supply 1000W LED luminaire	Each	
97	Install 1000W LED luminaire	Each	
98	Supply and install Lighting Tele-Management System (as per scope of work)	Each	
99	Set luminaire aiming positions at each mast and test illumination levels and submit test results to Engineer	Each	
100	Supply Electrical splitter box	Each	
101	Install Electrical splitter box	Each	

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

8. SECTION H: STREETLIGHTS FOR VARIOUS EKURHULENI WATER CARE WORKS SITE

SECTION H: STREETLIGHTS			
This section includes supply and Install Street Lights complete with all the accessories. The luminaires must be Light Management System (LMS) Ready.			
ITEM	DESCRIPTION	UOM	RATE (incl. VAT)
102	Supply Hot dip galvanised 7-Metre- Street Pole as per specifications	Each	
103	Erect, Install and Commission of 7-Metre- Street Pole as per specifications	Each	
104	Supply Hot dip galvanised 8-Metre- Street Pole as per specifications	Each	
105	Erect, Install and Commission of 8-Metre- Street Pole as per specifications	Each	
106	Supply Hot dip galvanised 10-Metre- Street Pole as per specifications	Each	
107	Erect, Install and Commission of 10-Metre- Street Pole as per specifications	Each	
108	Supply minimum 50W LED luminaire	Each	
109	Install minimum 50W LED luminaire	Each	
110	Supply minimum 70W LED luminaire	Each	
111	Install minimum 70W LED luminaire	Each	
112	Supply minimum 80W LED luminaire	Each	
113	Install minimum 80W LED luminaire	Each	
114	Supply minimum 100W LED luminaire	Each	
115	Install minimum 100W LED luminaire	Each	
116	Supply and install Lighting Tele-Management System (as per scope of work)	Each	
117	Supply Electrical splitter box	Each	
118	Install Electrical splitter box	Each	
119	Day-Night Switch 15 A	Each	

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

9. SECTION I: PROVISIONAL SUM AND ADMINISTRATIVE FEE

SECTION I: PROVISIONAL SUM AND ADMINISTRATIVE FEE	
Description	Amount (Incl VAT)
*Provisional Sum subject to approval	R 6 000 000.00
Administrative fee	R500.00

NOTES:

- Provisional sum has been included in the pricing schedule and will only be applicable where related goods are required that are not catered for in the line items in the pricing schedule, including quality verification of products. Additional items required will be on an as and when required basis subject to prior approval of the items being required.
- The items will be on an as and when required basis subject to prior approval of the items/services being required.
- ERWAT may request a quote from the appointed bidder/s (where applicable) for the items/services required.
- ERWAT reserves the right to request three quotations to be submitted before proceeding with relevant goods and services outside of contractual scope. The quotations received should be market related and may be subject to review by ERWAT. The awarded Service Provider/s must submit quotations to be approved in writing by the relevant ERWAT Project Manager.
- ERWAT reserves the right to verify market related costs, this includes the sourcing alternative quotation for the items/services in relation to actual cost verification.
- Payments for such items/services will be on actuals plus the administrative fee as listed in the pricing schedule. Please note the administrative fee will only be applicable to items not listed in the pricing schedule limited to per order/ per job which will be deducted from the provisional sum.
- The supporting documentation that must be supplied is the quotation from the appointed company or third-party supplier.
- The provisional sum value is valid for the total contract period.

NB. Warranty will take effect from the date of handover.

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

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: _____

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2