

REQUEST FOR INFORMATION

RFI NUMBER:	JW RFI 10/03/2026	CLOSING DATE:	17 March 2026
DESCRIPTION:	SERVICING AND MAINTENANCE (STRIP, QUOTE AND REPAIR) OF MEDIUM VOLTAGE SWITCH GEARS AND TRANSFORMERS AND RELATED SPARES		
ISSUE DATE	10 March 2026		
Submit via Email to:	tshilidzi.takalani@jwater.co.za		

ENQUIRIES MAY BE DIRECTED TO:			
Bidding procedure enquiries must be sent to		Technical enquiries must be directed to	
CONTACT PERSON	Tshilidzi Takalani	CONTACT PERSON	Lenah Motaung
TELEPHONE NUMBER	011 688 1772	TELEPHONE NUMBER	011 688 1945
E-MAIL ADDRESS (Submissions must be made to this address)	tshilidzi.takalani@jwater.co.za	E-MAIL ADDRESS	lenah.motaung@jwater.co.za

SUPPLIER INFORMATION			
NAME OF BIDDER			
STREET ADDRESS			
TELEPHONE NUMBER	CODE		NUMBER
CELLPHONE NUMBER			
E-MAIL ADDRESS			
VAT REGISTRATION NUMBER			
CENTRAL SUPPLIER DATABASE No:	MAAA		
MANUFACUTER OR THIRD PARTY (If Applicable)			



PROCUREMENT OF CCTV UNITS FOR
CONDITION ASSESSMENT OF JW SEWER



1. PURPOSE OF THE REQUEST FOR INFORMATION

To assist the organisation with business decision making purposes for an upcoming Request for Tender with regards to budget, cost effectiveness, risk assessment, specific goals to include in the tender, award and allocation strategy to incorporate, non-firm prices, pricing schedule and special conditions of tender.

2. BACKGROUND

Johannesburg Water invites service providers to respond to a Request for Information for the **SERVICING AND MAINTENANCE (STRIP, QUOTE AND REPAIR) OF MEDIUM VOLTAGE SWITCH GEARS AND TRANSFORMERS AND RELATED SPARES**. This RFI is strictly to solicit market related information from potential bidder(s) for the **SERVICING AND MAINTENANCE (STRIP, QUOTE AND REPAIR) OF MEDIUM VOLTAGE SWITCH GEARS AND TRANSFORMERS AND RELATED SPARES**. This RFI does not constitute; an offer; or any impression none so ever to do business with Johannesburg Water.

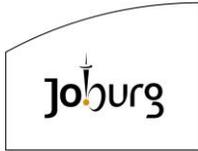
3. SCOPE OF WORK AND SPECIFICATIONS

3.1 GENERAL REQUIREMENTS

The contract entails the servicing and maintenance (strip, quote and repair) of Medium Voltage (MV) switchgears and transformers respective spares at various JW sites on an as and when required basis for the duration of the contract.

Contractors will be required to render the following services, but not limited to:

- Inspections
- Inspect and quote based on the extent of the works required.
- On receipt of official order, the contractor will continue with repairs.
- Contractors will be required to keep an asset job card for each unit containing details such as date, nature of work conducted, list of parts replaced, value and guarantee period. This card shall be submitted with a quote and invoice.
- Contractors will be required to inform the employer during any stage of this contract on cost effectiveness for repairs vs replacement purposes.
- Contractors to ensure minimum stand time during operation of this contract.
- ALL repair work shall carry a minimum of twelve calendar months' warranty from date of acceptance by the engineer.
- The installation and commissioning shall be witnessed by the engineer or their appointed representative to certify installation done by the contractor.
- ALL new work and newly supplied parts shall carry A MINIMUM twelve (12) calendar months WARRANTY from date of acceptance by the engineer
- In cases whereby the services of Subcontractors have been utilized, the Contractor shall ensure that the repairs and or servicing has been performed as per the OEM's recommendation. And the Contractor shall remain accountable for the repairs and or installation of the equipment for the duration of the WARRANTY.
- The Contractor shall at all times comply with JW's Safety Procedures and Requirements before any work commences
- All lifting equipment used shall be certified for safe working load.
- All tools, consumables, testing facilities, etc required to perform the work as per the contract shall be provided by the Contractor.



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- JW reserves the right to hold Contractor responsible for any equipment that will be damaged due to Contractor’s negligence or poor workmanship.
- The Contractor shall be responsible for gathering any other information regarding the equipment, including but not limited to: Performance Data (Data Sheets, etc.), Drawings, Maintenance Requirements, etc. This information will then be passed on to JW.
- The Contractor is expected to avail him/herself 24 Hours a day, including Holidays and Weekends.
- The Service Provider shall CERTIFY the Installation/System SAFE after the Repairs before payment is affected.
- The contractor shall take full responsibility, guard and care of any equipment taken/ kept to their workshop.

RESPONSIBILITIES OF THE CONTRACTOR

- The Contractor shall be responsible for the complete maintenance service, fully described and detailed in the Contract documents. The Contractor shall establish and maintain a job card system and all repair work, modifications and descriptions of work done, shall be recorded on the job card system.
- The names of the person who issued the instruction as well as the names of the contractor’s personnel who carried out the work shall be recorded on the job card.
- Each job card shall be signed off by the employer’s duly appointed representative.
- Copies of each of the fully completed and signed job cards shall be submitted together with a summary of work done, when the work is invoiced for payment.
- The Contractor shall carry out the necessary repair and maintenance work within the specified response and repair time, once notification has been given to the contractor to commence with the repair or maintenance work.
- The Contractor shall maintain all the documents, supplied by the JW, in a neat and usable condition and shall return the documents, including the additional documents obtained during the Contract to JW on completion of the Contract.

SCOPE

5.3.1 Sites

The Scope of Work includes the following sites:

Sites	
1. Acacia sewer Pump station	18. Jukskei sewer Pump station
2. Alverda Park sewer Pump station	19. Kibler Park sewer Pump station
3. Brixton Pump Station	20. Lanseria sewer Pump station
4. Bryanston Pump station	21. Lenasia Hospital Hill Pump station
5. Chartwell sewer Pump station	22. Liefde en Vrede sewer Pump station
6. Constantia Kloof Pump station	23. Lions park sewer Pump station
7. Corporate Park Pump station	24. Nancefield sewer Pump station
8. Crosby Pump Station	25. Northcliff pump Station
9. Crown Gardens Pump station	26. President Park Pump station
10. Devland sewer Pump station	27. Rabir ridge Pump station
11. Erand Pump station	28. Randjesfontein Pump station
12. Florida North Pump station	29. South Hills Pump station
13. Forest Hill Pump station	30. Steyn City sewer Pump station



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14. Grand Central Pump station	31. Waterval Pump station
15. Hector Norris Pump station	32. Wirtpoortji Pump station
16. Helderkruin Pump station	33. Yeoville Pump Station
17. Horizon Pump station	34. Zandspruit sewer Pump station
18. Illovo Pump station	

5.3.2 Extent of the Works

All the Works; repairs and servicing shall be executed in accordance with the OEM requirements or standards. JW reserves the right to inspect repairs and maintenance as well as parts removed and installed. Bidders will be required to submit proof thereof including invoice for parts/services from OEM.

- Medium Voltage (MV) and Low Voltage (LV) cables.
- MV switchgear and MV electrical protection.
- MV transformers.
- MV power systems.
- Substations and Motor Control Centre (MCC) buildings.
- Earthing, bonding and lightning protection.
- Area and flood lighting; and
- Related equipment, accessories and services.

The scope of work shall be carried out as per the requirements of Occupational Health and Safety Act, Act 85 of 1993, as amended and JW particular specifications and in line with the best and sound engineering practices. The word maintenance includes but is not limited to inspecting, repairing, servicing, modifying etc.

5.3.4 Maintenance

MV and LV Cables Maintenance

- Supply to replace, install, terminate, join, repair, inspect and commission cables, cable accessories and consumables.
- Trench and excavate for cables (including bedding and backfilling);
- Supply to replace and install cable danger tapes, cable markers, cable protective concrete slabs, cable trench covers and cable trench screed;
- Construct or repair concrete cable trenches;
- Perform re-instatements of concrete, screed, paving, tar, road, lawn after performing cable maintenance work;
- Supply to replace, install and repair cable wireways (including skirting, conduits, trunkings, trays, ladders, sleeves, junction boxes etc.)
- Test cables (including fault-finding, fault-locating, identification, pressure test, routine tests etc.);
- Perform cables preventative maintenance;
- Supply to replace spares, material, equipment and consumables that may be necessary for successful cable maintenance works;
- Perform data logging and analysis; and

MV Switchgear and MV Electrical Protection Maintenance

- Strip, quote and repair switchgear, switchgear components and switchgear related equipment;

- Perform preventative maintenance of switchgear and switchgear related equipment;
- Supply to replace, deliver, off-load, install, modify, certify, test, inspect and commission switchgear, switchgear related equipment and their components;
- Perform switchgear insulating oil purification, sampling, testing and analysis;
- Supply to replace and refill switchgear insulating oil and SF6 gas;
- Dust-clean;
- Perform verification, calculation and inputting of protection relay settings;
- Perform fault levels calculations and simulations;
- Perform 6.6kV and 11kV switching (operating);
- Supply to replace spares, material, equipment and consumables that may be necessary for successful switchgear and related equipment maintenance works; and
- Perform data logging and analysis.

MV Transformers Maintenance

- Strip, quote and repair power transformers, related equipment and their components;
- Perform preventative maintenance of the power transformers and related equipment;
- Perform transformers' insulating oil supply, refilling, purification, sampling, testing and analysis;
- Supply to replace, deliver, off-load, test, inspect, modify, certify and commission power transformers, related equipment and their components;
- Design, construct and repair plinths and fire walls;
- Supply spares, material, equipment and consumables that may be necessary for successful transformer and related equipment maintenance works; and
- Perform data logging and analysis.

MV Rooms Maintenance

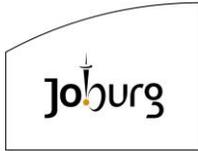
- Design, deliver, off-load, install, replace, inspect, certify, modify MCC's:
- doors,
- buildings,
- indoor and outdoor lighting,
- ventilation system,
- security system and
- fire detection and suppression systems;
- Supply spares, material, equipment and consumables that may be necessary for successful MV and MCC maintenance works.

Earthing, Bonding and Lightning Protection

- Perform at least the following tests on earthing and bonding systems:
- earth resistance test,
- soil resistivity test,
- earth continuity test,
- equipotential bonding resistance test,
- earth loop impedance test and
- prospective short circuit current test;

MEETINGS

Meetings shall be confirmed and agreed to by JW Management as and when needed.



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HARDWARE/TOOLS

The onus is on the contractor to procure hardware, appropriate tools and PPE required to carry out the duties as stipulated in the contract. All measurement and test equipment shall be calibrated by a certified institution once per year or as directed by the equipment manufacturer and verified monthly for accuracy and repeatability. JW reserves the right to request calibration certificates at any time.

PROJECT TEAM

- Unqualified individuals shall not work without appropriate supervision on JW sites.
- The contractor shall also ensure that they will have enough qualified personnel at all time to attend to JW's contractual needs.
- Electrical installation work shall not be performed without the general control of an Installation Electrician.
- Low voltage maintenance work shall not be performed without the direct supervision of a person who possesses an electrical trade test
- Medium voltage maintenance work shall not be performed without the direct supervision of a person who possesses an electrical trade test and has valid certificates in ORHVS Authorised Person and ORHVS Operating.

SAFETY PLAN

The Contractor shall be required to compile a Health and Safety plan in accordance with the JW OHS specifications issued out with this tender. A comprehensive risk assessment shall be done on every site before any work may commence. Site-specific Permit-to-Work and Lockout procedures and other JW's HSE Rules must be followed at all times. All health and safety risks shall be reported to the JW person responsible for that site.

HOURS

- Working (office Hours): Monday to Friday, between 07:00 to 15:30.
- After hours: Monday to Friday between 15:31 to 06:59 and Weekends and public holidays.

RESPONSE TIME

Due to the nature of service required it is crucial that bidders adhere to the response time that will be finalized at the time of signing the service legal agreement and will be monitored as such.

WARRANTY

- The warranty period for repaired equipment shall be for a minimum period of three (3) months.
- The warranty period shall be extended for a period equal to the period that the lifting equipment has been out of service due to the warranty failure in the warranty period.



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PRICING

Emergency turnaround time _____ hrs
(The tender must stipulate their response times in hours)

Planned maintenance time _____ hrs

1 LABOUR AND TRANSPORT								
Item	Description	Unit of Measure	Est. QTY Normal time	Unit Rate excl. Vat. Normal time	Total budget Normal time (Est QTY x unit rate) (VAT excl.)	Est. QTY Overtime	Unit Rate excl. Vat Overtime	Total budget overtime (Est QTY x unit rate) (VAT excl.)
1.	MV Electrician	hour	64	R	R	20	R	R
2.	ORHVS Compliant Technician for switching	Per equipment	24	R	R	12	R	R
3.	Installation Electrician	hour	64	R	R	20	R	R
4.	Assistant	hour	64	R	R	20	R	R
5.	Transport (light)	km	400	R	R	120	R	R
6.	Transport (heavy) >5T	km	400	R	R	120	R	R
7.	Travel Time	hour	32	R	R	10	R	R



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2 MAINTENANCE OF MV AND LV CABLES					
Install, terminate, join, repair, inspect and commission cables, cable accessories and consumables					
Item	Description	Unit	QTY	Unit Rate excl. Vat.	Total budget (Est QTY x unit rate) (VAT excl.)
1	Cable installation	m	360	R	R
2	Cable terminations at panels/equipment	Per Item	72	R	R
3	Testing terminations	Per Item	72	R	R
4	Cable splicing / jointing	Per Item	108	R	R
5	Cable and accessory inspection, fault location & repair	Per Item	360	R	R
6	Commissioning of cables and accessories	m	72	R	R
7	Trench and excavate for cables (including bedding and backfilling)	m	360	R	R
8	Test cables (including fault-finding, fault-locating, identification, pressure test, routine tests etc.)	Per Item	72	R	R
9	Perform cables preventative maintenance	Per Item	72	R	R
Total (VAT excl.)					R
15% VAT					R
Total (VAT Incl.)					R

3 MAINTENANCE OF MV SWITCHGEAR AND MV ELECTRICAL PROTECTION					
Item	Description	Unit	QTY	Unit Rate excl. Vat.	Total budget (Est QTY x unit rate)
1.	Strip, quote and repair switchgear, switchgear components and switchgear related equipment.	Per Item	8	R	R



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2.	Perform preventative maintenance of switchgear and switchgear related equipment.	Per Item	8	R	R
3	Perform switching services (operating) plus detailed report	Per Item	24	R	R
Total (VAT excl.)					R
15% VAT					R
Total (VAT Incl.)					R

4	MAINTENANCE OF MV TRANSFORMERS				
Item	Description	Unit	QTY	Unit Rate excl. Vat.	Total budget (Est QTY x unit rate)
1	Inspection and root finding with detailed report	Per Item	8	R	R
2.	Strip, quote and repair power transformers, related equipment and their components	Per Item	10	R	R
3.	Insulating oil purification: Perform preventative maintenance of the power transformers and related equipment: servicing and maintenance, insulating oil purification, sampling, testing and analysis; and oil certificate)	Per Item	10	R	R
4	Insulating oil replacement: Perform preventative maintenance of the power transformers and related equipment: servicing and maintenance, insulating oil replacement, sampling, testing and analysis; and oil certificate)	Per Item	10	R	R
5	Replacement of silica gel	Per Item	10	R	R
6	Re-gasket of switch gears	Per Item	10	R	R
7	Refurbishment of bushbars	Per Item	10	R	R



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8	Refurbishment of insulators	Per Item	60	R	R
9	Refurbishment of tension springs	Per Item	30	R	R
10	Refurbishment of contact roses	Per Item	60	R	R
11	Battery Tripping Unit test, protection, switching and issue of comprehensive test report	Per Item	10	R	R
12	Installation and commissioning	Per Item	8	R	R
13	Safety file	Per Item	1	R	R
Total (VAT excl.)					R
15% VAT					R
Total (VAT Incl.)					R



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For repairs identified during the strip, quote and repair process, the contractor will be required to submit three (3) pre-quotes for the required spares together with the repair quotation. Where spares are sourced directly from the Original Equipment Manufacturer (OEM), one (1) OEM quote will be accepted.

Where third-party services are required, the contractor will be required to obtain three (3) quotations, and the lowest quotation will be selected.

The percentage mark-up to be applied to the cost of spares and third-party services to cover overheads, logistics, and related costs:

6 ALLOCATION ON SPARES AND REPAIR CONSUMABLES(PERCENTAGE MARKUP)			
Item	Description	Unit	% MARK-UP
1	Year 1	%	
2	Year 2	%	
3	Year 3	%	

7 ALLOCATION ON THIRD -PARTY REPAIRS (PERCENTAGE MARKUP)			
Item	Description	Unit	% MARK-UP
1	Year 1	%	
2	Year 2	%	
3	Year 3	%	

Prices Firm / Non-Firm? _____

Suppliers to complete the below according to their company details.

INFORMATION FOR SPECIFIC GOALS ANALYSIS	
BUSINESS OWNED BY 51% OR MORE -BLACK PEOPLE	
1. Percentage (%) of Black Ownership)	
2. Is Black Ownership 51% or more? (Yes or No)	
BUSINESS OWNED BY 51% OR MORE – BLACK YOUTH	
1. Percentage (%) of Ownership by Black Youth	
2. Is the percentage of Black Youth Ownership 51 % or more? (Yes or No)	
BUSINESS OWNED BY 51% OR MORE-WOMEN	
1. Percentage (%) of Ownership by People who are Women	
2. Is the percentage of People who are Women 51 % or more? (Yes or No)	
BUSINESSES LOCATED WITHIN THE BOUNDARIES OF A REGION IN COJ, COJ MUNICIPALITY OR IN GAUTENG PROVINCE	
1. Is your business located in the Gauteng Province? (Yes or No)	
2. Is your business located in the COJ Municipality? (Yes or No)	
3. Is your business located within the region of the COJ? (Yes or No)	
BUSINESS OWNED BY 51% OR MORE - BLACK PEOPLE WHO ARE MILITARY VETERANS	
1. Percentage (%) of Ownership by Black People Who Are Military Veterans	
2. Is the percentage of Ownership by Black People Who Are Military Veterans 51% or more? (Yes or No)	
BUSINESS OWNED BY 51% OR MORE-BLACK PEOPLE WITH DISABILITIES	
1. Percentage (%) of Ownership by Black People With Disabilities	
2. Is the percentage of Ownership by Black People with Disabilities 51% or more? (Yes or No)	
SMME (AN EME OR QSE) OWNED BY 51% OR MORE - BLACK PEOPLE	
1. What is the Enterprise Type? EME – turnover is less than R10m QSE – Turnover between R10m and R50m Generic – Turnover is R50M of more	
JOINT VENTURE (JV), CONSORTIUM OR EQUIVALENT	
1. What is the percentage (%) of ownership for each party?	
SUBCONTRACTING WITH COMPANIES AT LEAST 51% OWNED BY HISTORICALLY DISADVANTAGED INDIVIDUAL (HDI) GROUPS MENTIONED ABOVE	

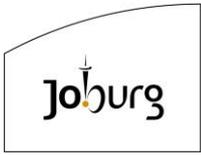


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1. What is the percentage (%) that will be sub-contracted to companies that are at least 51% owned by Historically Disadvantaged Individual (HDI) groups mentioned above?	
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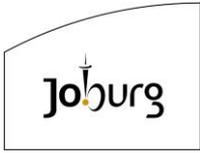
INFORMATION PRICE BREAKDOWN			
DESCRIPTION	BREAKDOWN PERCENTAGE	IN APPLICABLE INDEX	IMPACTED BY ROE (YES/NO)
Raw materials			
Direct Labour			
Direct Overheads			
Transport			
Indirect Labour			
Indirect Overheads			
Total	100%		



provide the following information (if Applicable)

TYPICAL PRICE ADJUSTMENT FORMULA INCLUDING INTERVALS

SUBMITTED DOCUMENTATION IN SUPPORT OF A REQUEST FOR A PRICE ADJUSTMENT



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SOURCE OF RAW MATERIAL	
DESCRIPTION	COUNTRY OF ORGIN
Raw materials	

ASSOCIATED RISKS	
RISK CATEGORY	RISK MITIGATION
Economic:	
Security of Supply	
Supply and Demand	
Rate of Exchange	
Operational:	
Capacity	
Logistics	