

JOHANNESBURG WATER TENDER NO. JW14466 OLIFANTSVLEI WASTEWATER TREATMENT WORKS INFRASTRUCTURE RENEWAL PLAN CONTRACT 1 MINUTES OF THE TENDER BRIEFING MEETING HELD ON 20 JULY 2026 AT 13H00 VENUE: OLIFANYTSVLEI WWTW	
1.	Welcome
1.1	ST welcomed all the attendees. The meeting commenced approximately 20 minutes late due to the number of attendees and delays in processing entry to the site. LM took the attendance through the safety moments.
2.	Attendance
2.1	Attendance registers were circulated during the meeting and signed by all the attendees (see attached). It was noted that attendance at the tender briefing session was compulsory.
2.2	The meeting was attended by the following members on behalf of Johannesburg Water (JW): Mammoko Mohloki (MM): Project Manager Tawanda Mashababe (TM): Programme Manager Tshilidzi Takalani (TT): Supply Chain Management Practitioner. Phathutshedzo Thabo (PT): Health and Safety Lesego Motsepe (LM): Olifantsvlei WWTW; Works Manager Ephonia Manthata (EM): Environmental Keorapetse Nyokong (KN): Regional Maintenance Manager All general enquiries must be directed to Gcina Ndlela and technical enquiries to Mammoko Mohloki.
	The meeting was attended by the following members on behalf of the Consulting Engineer, Atana : Edwin Naidoo (EN): Mechanical Engineer Glen Makwanyane (GM): Electrical Engineer Loshini Naicker (LN): Civil Technologist
3.	Tender Compliance- Supply Chain
3.1	The document is available at JW eTender portal. Tenderers downloading the document from the eTender portal are advised to ensure that the document is submitted in full, correct order and sequence.
3.2	Tender evaluation Process: Tenders will be evaluated first on responsiveness and then on the 90/10 Point scoring system, 90 points for price and 10 points for affirmative procurement. Functionality will be used in the



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	evaluation process of the tender. Failure to provide the relevant documentation for functionality will lead to the Tender not being considered any further. The evaluation criteria are stated in the tender documents. The functionality criteria will determine whether a tenderer is regarded as suitable to advance to the next stage of the evaluation or not. A tenderer needs to obtain the total minimum score as well as the minimum score for each criterion in order to be considered further. Tenderers failing to achieve the minimum scores will not be considered further.
3.3	Special attention was brought to the closing date of 13 August 2026, 10:30AM, at the tender box at JW Head Office.
3.4	The tender document is not to be dismantled and rebound but must be submitted in its entirety as issued by JW, especially volume 1 that contains the returnable documents and supporting documentation. The use of correction fluid to correct mistakes will not be allowed and if used the Tenderers will be disqualified. The tender must be filled in using ink. Pencil will not be accepted. Any mistakes must be struck-off and corrected with black ink and signed by the Tenderer. Attachments or supporting documents are to be submitted in a separate folder, with the tender document, in the same envelope. An official letter from the bank stating the tenderer's bank rating must accompany the tender documentation.
3.5	The checklist for tender submission must be used by tenderers by indicating in the check – boxes provided that all the required sections have been completed in the tender document. Completion of all items required for submission shall be controlled by means of the check-list in the document. Tenderers are to ensure all information requested is included in their submission.
3.6	An electronic BoQ will be issued for calculation purposes only. Tenderers are to complete the BOQ by hand in the tender document. The BoQ is to be completed by hand in ink only, the use of pencil and tippex/correction fluid is prohibited. If a tenderer commits an error whilst completing the BoQ, a line must be drawn through the incorrect figure, and the correct figure must be inserted next to the line. The correction must be signed BoQ's and Data sheets must be completed by hand and not typed.
3.7	All tender correspondence that is issued during the tender period must be included with the tender submission. All general enquiries must be addressed to Ms Gcina Ndlela and technical enquiries to Mammoko Mohloki. Enquiries should be made via email. The emails address can be found on the cover page of the tender document.

3.8	Registration with Central Supplier Database (CSD) is compulsory. Tenderers are required to provide a reference and ensure the Tax status is valid.
3.9	This tender is open to CIDB registered Contractors with a grading of 9CE .
3.10	Tax clearance certificate The original tax clearance certificate must be included in the tender returnable documents. If available, the tenderer may submit a SARS PIN in lieu of a hard copy
3.11	BBBEE Johannesburg Water Supports BBBEE Tenderers are required to submit a valid BBBEE certificate issued by ABVA (Accredited BEE Verification Agency) in order to be able to score points allocated for BBBEE.
3.12	Financial Statement The tenderer is required to submit a set of Financial Statement for a period of three (3) years.
3.13	Municipal Statement The tenderers are required to submit municipal account statements no older than three (3) months old or a valid lease agreement. The bidders are expected to pay their accounts or make arrangements.
3.14	Letter of Authority The tenderer is required to submit a valid Letter of Authority identifying key personal authorised to act on behalf of the tenderer.
3.15	Tenderers should ensure their details are completed on the cover page of the tender submission
3.16	The tender closing date closing is stated on the cover page of the document. The time allocation for the tender stage is considered adequate, and no extension of the closing date will be permitted. The bidder can submit the tender any time during the operating hours until the 13 August 2026 at 10h30 am.
4.	Technical Compliance



4.1	Technical Evaluation Criteria TM took the bidders through the technical evaluation that is contain 7 evaluation criteria's as indicated in the tender document. - Criteria 1 a construction / refurbishment of capacity of at least 600 l/s pump station project. - Criteria 2 installation or replacement of a steel pipeline diameter equal or exceeding diameter of 500mm, a minimum of two projects. He also emphasized that should the bidder decide to use their own reference template, it is advised that the reference letter should contain the same information as the template provided on the tender document and the completion certificate is also required as the portfolio of evidence. - Criteria 3, the bidder must submit their quality management policy and systems or the ISO 9001 certificate. - Criteria 4, 5 and 6 the bidder is expected to submit the Pr Eng, Pr Tech, Pr Techni Eng, Pr CPM, Pr CM and PMP as indicated on the tender document. - Criteria 7 Construction Health and Safety Officer SACPCMP registration.
4.2	Overview of the project The consultants' representatives (LN, GM and EN) briefed the attendees about the technical aspects of the project. Due to an electricity outage on site, the PowerPoint presentation could not be presented but the scope of work was described by the team. An overview of the description may be found below, and the presentation is attached to these minutes. - This is an Infrastructure Renewal Project that deals with existing equipment and infrastructure that have been identified for replacement and/or refurbishment, at the Olifantsvlei Wastewater Treatment Works, specifically associated with what is known as the Van Wyksrust Pump station facility. - Scope related to the Van Wyksrust pump station was escalated due to acts of vandalism rendering the pump station non-operational. - The pump station receives over 500 l/s of raw sewage that is supposed to be pumped to the main head of works for treatment. - All Mechanical, Electrical and Control equipment at the pump station has been stripped and thus will need to be replaced with new equipment. - This also includes Civil works, building work and security measures at the pump station.

	○ The associated Substation will be refurbished to include building work, security measures and electrical equipment to enable power supply to the pumpstation. ○ Certain upfront investigations are to be undertaken to enable designs for current and future projects. *More detailed information may be found in the tender document.
4.3	Scope of Work <u>Van Wyksrust Pump station (background information)</u> ○ It is located fairly remotely compared to the rest of the works; security is an issue. ○ Existing building: pump well is currently flooded. ○ Screens, handrails, penstocks, fence, doors, windows, paving have been removed. <u>Refurbishment at Van Wyksrust Pump Station</u> ○ New screenings facility: compactors; handrails; penstocks to be installed; skips slab. ○ Building demolition, construction, repairs including new doors, vents, concrete repairs. ○ A new bypass facility (pipe, channel and chamber extension) to be built. ○ New mechanical and electrical equipment within the building. ○ Refurbishment of existing 700mm dia. rising main pipes. ○ Improved security measures to be introduced (wall, guardhouse, etc.) <u>Civil and General work</u> <u>Bypass Facility</u> ○ Portion of open channel for a new screen installation, but for the most part, is made up of a DN1200, HDPE pipe. ○ Internal surfaces of the channel will be finished with a corrosion resistant coating. ○ The tie-in points for the start and end of the bypass will require changes to some existing infrastructure. - At the start of the bypass, an extension to the existing splitter chamber is required, to accommodate the new weir and bypass pipe. - At the bypass end or return, the existing sump will be extended to include the new pipe. <u>Rising Mains</u> ○ 1 of the 2 existing DN700 pipes had been repaired before, and we will be adopting a similar repair method for the 2nd pipe. - Slip-lining of the buried portion of pipe; say 1105 m long, with HDPE, DN630. - Replacement of the above ground section; say 595 m long, with same as existing, steel pipe. Most of this portion of the pipe traverses the existing wetland on existing concrete plinths.

- Isolating, draining, and cleaning of the pipes would be necessary prior to investigation; to be planned as upfront work.
- Current pipe condition investigation of existing pipes; to be planned as upfront work. This will also determine the type of refurbishment work required for the previously repaired pipe.
- New air valve installations and existing valves replacement.

Screenings facility

- A new concrete bunded area for the screenings' facility will include skips trolley and rails, as well as the screens compactors, to contain any spills.
- These concrete surfaces are to be treated with a corrosion resistant coating.
- A new wash water storage tank and booster pumps, on plinths, will be contained within the new bunded area.

Structural, Building Work and General

- The pump station basement/pump well and feed channels are currently flooded. These will require drainage and cleaning for inspection, prior to repairs/installations.
- Repairs to concrete defects in existing structures (cracks, holes, leaks, reinforcement, etc). Water ingress in the pump well must be addressed.
- Careful demolition of existing building superstructure, concrete staircase and pump plinths.
- Re-construction of new superstructure and additional monolithic basement (dry well), floor and walls.
- Installation of new concrete slabs to replace the previously installed paving blocks.
- Missing stainless steel handrailing will be replaced with GRP handrailing, including additional sections of such.
- Other miscellaneous items, such as missing manhole covers, brickwork, etc, to be better defined and addressed during construction.

Security Measures

- A new 2,7 m high brick wall, without footholds or handholds, to be constructed, with an anti-climb topping.
- Existing missing doors, louvres and windows are to be replaced with concrete type doors and ventilation panels.
- Supply and installation, of a prefabricated guard house made from armoured material including bullet resistant glass windows.

Generator

- A new concrete slab with a concrete bund wall and sump for the self-bunded generator.

Mechanical Work

- Mechanical works include equipping the pump station as well as the screening facility.

Screening equipment

- Primary Screen. 50mm front rake. 1m wide, 6m tall
- Secondary Screen. 25mm front rake. 1m wide, 6m tall
- 600mm wide belt conveyors
- Spiral conveyor
- 2 x Wash Compactors
- Wash Water booster system
- Penstocks 5 x 1m wide 2m high

Pump station

- 4 x 185kW pumps, 580 l/s @ 19 m, 2.5 tons each
- Isolation and non-return valves 500NB
- Pipework steel 500-600NB
- Other smaller items:
 - Drainage submersible pumps
 - Lifting equipment (3-ton electric)
 - Ventilation fan and ducting
 - 3 x Penstocks (650x650)
 - Fabricate new staircase
- Pump Station discharge and rising main:
 - 2 off DN600 PN16 knife gate valves
 - 3 off DN700 PN16 knife gate valves
 - 6 off DN350 PN16 knife gate valves
 - Air-valves
 - Provision for some valve interconnecting pipework.

Wash Water (Final Effluent) Supply

- 2 self-priming pumps
- 110mm diameter MSG pipeline, 1,6km long

Electrical & Control Work

Pump Station

- Security lighting, including 2 high masts
- New MCC
- 630 kVA Transformer, 11/0.4kV ONAN
- 500 kVA, 400V Generator
- Earthing and cabling
- Local control panels (approx. 22)

	○ Small Power and Lighting ○ Automation system based on Schneider M580, instrumentation ○ Perimeter intrusion detection <u>MV reticulation reestablishment</u> ○ Substation C to be refurbished including permitter wall and electric fence – New 11kV Ring Main Unit, 630A isolators and 200A breakers ○ MV cabling – 1000m 185mm² SWA XLPE, buried – 190m 70mm² SWA XLPE, buried – 650m 11kV Fox conductor overhead line ○ Van Wyksrust PS substation – 2x Incoming panels, transformer circuit breaker, and BTU <u>Communication reestablishment and security</u> ○ Fiber optic link to be reestablished – Buried cable in sleeves with concrete tile protection. 750m – Overhead (aerial) cable, supported on MV line. 700m ○ Perimeter intrusion detection system ○ Wall mounted and buried fibre optic system ○ Security Radio system Booster – Survey area then install booster system ○ Security Camera system – 28 pole mounted 4MP cameras covering PS perimeter and rising mains. – Connected via the fibre network and monitoring stations at the PS, Admin building and Guard house
4.4	Special Considerations
	Some items requiring special attention were highlighted during the meeting, but a more detailed description is found in the tender documents.
	<u>Dolomite designation</u> ○ Methodologies and procedures undertaken by the contractor must be in compliance with SANS for Development on Dolomitic land. This also includes for planned hold points for certain inspections as required by the Engineer for reporting back to the Council for geoscience. <u>Environmental Management</u> ○ Various existing infrastructure falls within Environmentally sensitive areas (within the 1:100 year floodline, wetland buffer zones and the wetland itself). ○ The scope of work for this contract triggers environmental activities leading to authorisations and approvals by the authorities. An Environmental Authorisation is applicable to the site and compliance with such as required.

	- Remedial measures and conditions that must be attended to by the Contractor are allowed for in the provisional sum included in the Schedule of Quantities. <u>Security</u> - This is a security high-risk area. Mitigation strategies are essential to protect both the physical assets and the safety of personnel on site. It is preferred that this area be adequately secured prior to commencing and during construction. - Attention is drawn to the specific type, proposed number of security personnel, arms, etc that may be required during construction, contained in the document. <u>Sewage spillage mitigation and Flow Accommodation</u> - The mitigation of current sewage spillage is deemed urgent and may be undertaken by Others, as an "Emergency project" prior to construction of this main project. - Certain construction activities, around the Van Wyksrust pump station facility will require diverting and/or isolation of incoming raw sewage flow. Existing chambers, manholes, pipes and channels may be used for such, with construction isolation and diversion measures. This may form part of the "Emergency project" by Others. - The preliminary geotechnical information indicated a fairly high water table, around 2m. - The existing DN700 rising mains will also have to be drained and cleaned prior to investigation and/or refurbishment. <u>Investigations</u> - Investigation of the pump station structure, pipelines, etc will require the use of specialised technology and/or service providers. This should be programmed as upfront work to allow adequate time for procurement of these services, potential design updates and other related tasks, where required. <u>Access</u> - The current existing access road, from the northern side of the Van Wyksrust pump station, crossing the wetland, may prove challenging, especially during wet weather and/or high river conditions. - An alternative, existing informal vehicle track on the west side of the Maturation dam, accessible from the R554, may be used as an informal access path to the pump station. - There is a risk that heavy plant may have difficulty navigating water-logged areas around the pump station at certain times.
6.	Site Inspection
6.1	A site inspection took place immediately after the presentation. The meeting was adjourned at approximately 15h00.
7.	Clarifications raised by attendees
	a) Are the bidders required to have the key personnel at the bidding stage? b) What is the minimum score required in the technical evaluation?



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	c) Is the money available for the implementation of the project? d) Will the excel BoQ be availed to the bidders? e) What is the estimated project duration? Clarification provided: a) To score the points for key personnel the bidder is required to have the key personnel at the bidding stage, further there are requirements for key personnel CV on the contract data. The bidder must familiarize themselves with the requirements. b) The bidder is required to score 80 points to move to the next stage. c) The project has been allocated budget for the current financial year. d) The excel BoQ will be availed to the bidders, however, is the responsibility of the bidder to ensure that the formulars are correct. e) Project duration; 18 months.

DATE: 20 July 2026

NAME OF AUTHORISED SIGNATORY

DATE

SIGNATURE OF AUTHORISED SIGNATORY

NAME OF TENDERER

Attachments:

Attendance Register.