

Turbine Hall
65 Ntami Piliso
Newtown
P O Box 61542
Marshalltown 2107
Tel : (011) 688-1400
Fax : (011) 688-1556



Johannesburg Water

INITIATING DEPARTMENT	INITIATOR
Operations: Electrical Support Management	H Jacobs
QUOTATION REFERENCE	COLLECTIVE NO.
RFQJW0030SM2026- Cathodic Protection System Reinstatement - Cosmo City	
QUOTATION REQUESTED FROM	

PAGE NO.	
CLOSING DATE AND TIME	
08-Apr-26	12:00
Date of Issue	
24 March 2026	
QUOTATION DATE	VALIDITY
60 DAYS	

QUOTATIONS WILL BE EVALUATED ON THE 80/20 POINT SCORING SYSTEM. 80 POINTS WILL BE ALLOCATED TO PRICE AND THE REMAINING 20 POINTS WILL BE ALLOCATED FOR SPECIFIC GOALS AS PER PPPFA 2022

ALL SUPPLIERS RESPONDING TO QUOTATIONS SHOULD BE REGISTERED ON CENTRAL SUPPLIER DATABASE (CSD)

JW Contact Person : Simphiwe Mdlalose

Telephone Number : 011 688 1825

ITEM NO.	DESCRIPTION	DESCRIPTION OF ITEM OFFERED	UOM	QTY REQUIRED	PRICE QUOTED EXCL. OF V.A.T.	DISCOUNT	PRICE QUOTED INCL. OF V.A.T.
	Cathodic Protection System Reinstatement - Cosmo City			1			
	SPECIFICATION:						
1	NB: Scope of work will be discussed at the briefing session.						
	Note: The CIBD requirements for the work will be EB1						
	Compulsary Site briefing will be held at Cosmo City CP unit , Antigau Street, Cosmo City, Roodepoort, JHB (-26.026337, 27.933971) on Wednesday, 01 April 2026 at 11H00						
	QUOTATION TO BE VALID FOR 60 DAYS AND REFLECTING ON THE QUOTE						
	TOTAL QUOTATION VALUE MUST BE INCLUSIVE OF ALL APPLICABLE TAXES. V.A.T. AND NON V.A.T. VENDORS MUST SUBMIT THEIR TOTAL QUOTATION VALUE WITH V.A.T. FAILURE TO INCLUDE V.A.T. ON QUOTATION WILL LEAD TO DISQUALIFICATION						
	SPECIFIC GOALS	POINTS					
	Businesses located in a Region within COJ, COJ Municipality or Gauteng Province	20					
	QUOTATION REF AS ABOVE: RFQJW& COMPANY NAME NB: All suppliers responding to RFQs should use their own company letter head not JW RFQ Template AND MAKE SURE THEIR EMAIL ADDRESS IS VISIBLE ON THEIR QUOTATION. NB: A copy of valid lease agreement or municipal account(not older than 3 months)should be submitted with a quote NB: MBD forms attached should be completed and submitted with the quote NB: All Quotes should be on PDF (MS WORD, MS EXCEL, PICTURES ARE NOT ALLOWED) NB: Copy of valid BBBEE CERTIFICATE or SWORN AFFIDAVIT to be submitted with the quote Quotation should be valid for 60 days						
	SUBMISSIONS MUST BE MADE VIA: E TENDER PORTAL						

24/03/2026

OFFICIAL STAMP	AUTHORISED BY:	1. QUOTATIONS RECEIVED AFTER CLOSING DATE AND TIME WILL NOT BE ACCEPTED. 2. QUOTATIONS WITHOUT BRAND NAMES WHERE REQUIRED WILL NOT BE ACCEPTED 3. TOTAL QUOTATION VALUE TO INCLUDE V.A.T. FOR BOTH V.A.T AND NON V.A.T VENDORS. 4. ACCEPTANCE OF A QUOTATION WILL BE SUBJECT TO JOHANNESBURG WATER'S SUPPLY CHAIN POLICY 5. ALL QUOTATIONS MUST BE ON COMPANY LETTERHEADS
	SIGNATURE:	
	DATE:	

Cathodic Protection System Reinstatement Request for Quotation

Panorama Cemetery Cathodic Protection System



Project Name: Cosmo City Cathodic Protection System

Project Location: North Western Johannesburg

System Type: Impressed Current Cathodic Protection (ICCP)

Date of Compilation: 04 March 2026

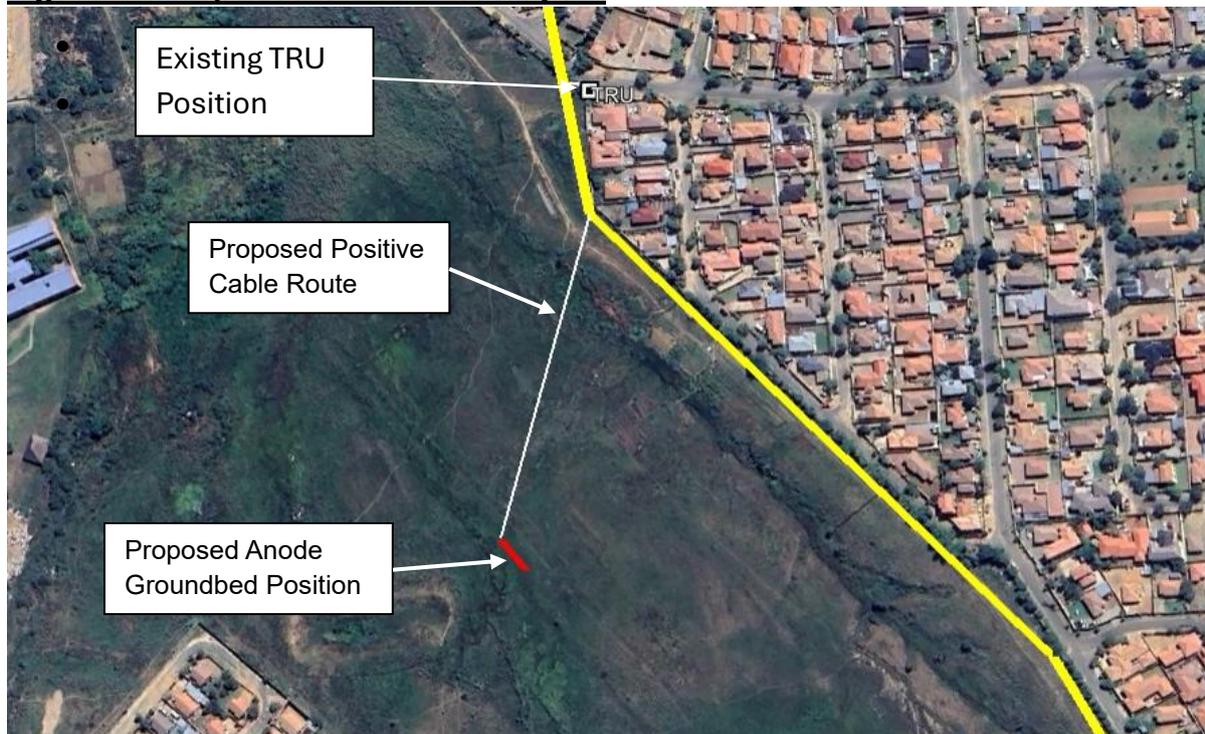
JW Document No: JW-0025-R002 Rev 0

1. Scope of Work

1.1 Anode Groundbed and Positive Cable

- A new anode groundbed and is to be installed as indicated in figure 1 below. Activities will include:
 - Excavation of a 400mm wide by 2.5m deep by 20m long groundbed trench
 - Compaction and reinstatement of the groundbed trench.
 - Excavation of a 400mm wide by 1.5m deep by 200m long positive cable trench
 - Compaction and reinstatement of positive cable trench including reinstatement of paved and tarred surfaces.
 - Supply and installation of 5 off 2m long by 200mm diameter canisterised anodes
 - Supply and installation of 5 off 2m long by 200mm diameter spacer canisters
 - Supply and installation of 5 epoxy filled splicing kits
 - Supply and installation of 460m of 35mm² red double insulated cable.
 - Termination of cables at TRU and removal of old cables from incoming cable ducts.

Figure 1 : Proposed Groundbed Layout



1.2 Monitoring Facilities

- Six additional monitoring facilities of the secure underground type are to be installed. Activities at each location will include:
 - Excavation to pipeline overt
 - Excavation for installation of monitoring enclosure
 - Supply and installation of monitoring enclosure
 - Supply and Installation of 10mm² black double insulated monitoring cables – 10m in total
 - Supply and installation of stationary reference electrode and coupon complete with 5m cable
 - Supply and installation of stud welding and repair of coating
 - Supply and Installation of concrete encasement around monitoring enclosure
 - Compaction and reinstatement of all excavations

2. Specifications

The following specifications are applicable to the scope of work.

2.1 General Preamble

2.1.1 Scope

This Specification defines the minimum and mandatory requirements governing the manufacturing, supply and installation of both Cathodic Protection (CP) and AC mitigation (ACM) systems for Johannesburg Water's bulk water supply pipelines.

The "Client" shall refer to the asset owner's Corrosion Engineer or his designated representative.

The "CP Engineer" shall refer to the CP design engineer or his designated representative. The "Contractor" shall refer to the supply and/or installation contractor.

Unless otherwise agreed by the purchaser's CP Engineer in writing, the materials and specifications used shall strictly follow the clauses of this specification.

The requirements of this specification may not necessarily be repeated in the bill of quantities or typical drawings issued. Thus, this specification must be strictly adhered to.

In the event of any detail that is not fully addressed in this specification and that is warranted to be carried out by The Contractor, the work shall be performed in accordance with the relevant applicable codes and best recognised engineering practices in the cathodic protection (CP/Corrosion) industry.

2.1.2 Legal Requirements

All works shall be conducted in compliance with the relevant sections of the OHS Act. The Contractor is responsible for ensuring that all personnel are equipped with appropriate PPE.

Cathodic Protection System Reinstatement Request for Quotation

Panorama Cemetery Cathodic Protection System



All materials, plant and equipment shall be the best of their respective kinds and spare parts, replacements and servicing facilities shall be readily available from local sources.

All work shall be carried out by qualified personnel and correctly supervised.

The Contractor shall be required to backfill and compact all excavations and ensure that all waste products and materials are removed from site and safely disposed of. All civil works are to be accepted/rejected by an approved competent civil professional.

Should any requirement of the project specification conflict with any requirements of the standardised or particular specifications listed in the list of specifications, the requirement of the project specification shall prevail.

2.1.3 Alternative Materials, Equipment & Work

If alternatives pertaining to materials, equipment and work method are submitted, the Contractor shall supply with their quotation/proposal all detailed specifications, designs, calculations, drawings and a fully priced Schedule of Quantities as per the original quotation and/or any alterations and any further information that may be required by The Client for the proper evaluation of the offer.

The attention of the Contractor is particularly drawn to the high standard of materials, workmanship, testing and performance applicable to the Contract as a whole.

The Client reserves the right to carry out a factory inspection at their discretion.

Should any requirement or provision of the Project Specification conflict with any requirement of any standardized (SANS) specifications or any drawings, the order of precedence, unless otherwise specified, are:

- Project Specification
- Drawings
- SANS Specifications
- Schedule of Quantities

Any discrepancies will be brought to the attention of the Engineer or designated representative.

When all tests have been successfully completed to the satisfaction of The Client, an Operational Acceptance Period shall commence and shall consist of a continuous period of operation of 12 months free from trouble.

During the operational acceptance period The Contractor shall carry out all necessary servicing and any adjustments required at their expense.

2.1.4 Guarantee Period

The Contractor is required to supply a written guarantee on the items supplied by them for a period of 2 years from date of site acceptance testing under continuous working

Cathodic Protection System Reinstatement Request for Quotation

Panorama Cemetery Cathodic Protection System



conditions after the successful completion of the abovementioned Operational Acceptance Period. The only exceptions shall be for damages arising from vandalism, mechanical damage, and external fire and/or flooding.

Any faults as may be certified by The Client due to poor materials, workmanship or The Contractor's design (where applicable), shall be remedied and faulty goods replaced entirely at the Installation Contractor's cost.

The Contractor is responsible for the guarantee of all items under the terms of the tender and for the safe delivery and installation of the equipment and materials, as called for in the Schedule of Rates and Quantities, unless otherwise instructed in writing by The Client.

2.1.5 Safety and Work Procedures

The Contractor shall ensure that a competent person is assigned to the works at all times in terms of OHS Act. The Contractor shall ensure that he complies with all statutory regulations, municipal by-laws, etc. concerning pollution and the health and safety of his personnel and members of the public who may be affected by his work. The Contractor shall provide for all necessary safety precautions and risk assessments and the loss control or safety officer shall prepare a safety plan for the area to be worked in. The Contractor shall advise The Engineer of all hazardous materials to be brought on site.

All electrical commissioning works and tie in to Eskom or the relevant power supplier shall be carried out by a qualified Electrician registered with the Electrical Contracting Board of South Africa.

All excavation and construction work shall be carried out strictly in accordance with the relevant Health and Safety regulations of local authorities or relevant departments within the Relevant Metropolitan Area.

Oily or solvent rags shall be kept segregated in closed containers and in minimum quantity. Any spillage of volatile material shall be wiped up immediately. Solvents and volatile materials shall be stored in designated areas.

The Contractor shall provide and erect such scaffolds and rigging as may be required. All scaffolds and rigging shall comply with the requirements of the OHSA. Temporary welded support elements are not permitted except where written approval has been granted by The Engineer.

The Contractor shall ensure that the relevant electrical, civil, roads, rail or other departments are timeously informed of proposed project works. The necessary wayleave approval for each aspect of the work shall be kept on file for inspection during the project. On completion of the works, The Contractor shall include the wayleave forms with the documentation to be handed over to The Client. Furthermore, The Contractor shall ensure that the relevant departments are approached to determine:

- Specific requirements according to the SAECC
- Specific department safety regulations.

Cathodic Protection System Reinstatement Request for Quotation Panorama Cemetery Cathodic Protection System



-
- Specific construction restrictions and timing.
 - Notification of work requirements.
 - Procedures for work approval.
 - Location of services that may be affected during construction.
 - Public notification requirements to inform residents or business owners of potential disruptions.

The Contractor shall inform The Client of the requirements and ensure that the relevant minutes of meetings with departments are kept of record for the duration of the works. The relevant project information and minutes of meetings with third parties shall be copied to The Client at the end of the project. The Contractor shall prepare typical Hazard Identification and Risk Assessment forms for each of the major aspects of a construction project namely:

- Excavation, backfilling and compaction.
- Lifting and moving of heavy equipment on site.
- Operation of machinery on site.
- Road traffic management.
- Working in trenches deeper than 1.5m.
- Managing pedestrian traffic nears construction works.
- Electrical testing, connections and commissioning.
- Locking out and securing of sensitive areas during normal work hours and after hours.
- Entry into pipes of 800mm diameter or less.

2.1.6 Handling and Storage

The following precautions shall be taken for the site storage and handling of supplied items:

- All coated components shall be handled using soft slings and/or acceptable methods that will not cause damage.
- All components to be transported shall be loaded with support blocks, packaging and packing between pieces and tight lashing to avoid chafing.
- Off-loading at site shall be conducted using the same care and precautions for on-loading. Components shall not be tipped off the transportation.
- Coated corrosion protection items shall be stored under cover where possible.
- Items not stored under cover shall be stored in such a manner as to avoid retention of water and allow good air circulation.

- Items shall be stored on baulks of timber to raise the lowest level above the rain splash zone.
- Items shall be stacked using timber packing or other approved means to avoid item-to-item contact. Sufficient bearing area of packing shall be used to avoid damage to items.

2.1.7 Cathodic Protection Design Requirements

The Cathodic Protection system requirements i.e. design life, type, materials, supply and installation method shall be as specified by The CP Engineer. The buried / immersed steel components should be designed to be accessible for the purposes of supplying, installing, applying, inspecting and maintaining the CP system.

The guidelines to ensure accessibility and suitability for maintenance and upkeep of the complete CP system shall be drawn from SANS 15589 “Cathodic Protection of Pipeline Transportation systems; Part 1 On-Land pipelines”.

2.1.8 Qualified Staff

The Contractor shall ensure that there are at all times sufficient suitably qualified, experienced and skilled staff to carry out and supervise all activities.

2.1.9 Quality Assurance

2.1.9.1 Contractor Qualification

All material, certification and records of the Contractor will be subject to examination by the CP Engineer. This shall include the checking and testing of the equipment. If any deviation to the approved QCP or product quality is found, the Contractor may be instructed to perform additional testing and quality surveillance, at no additional cost to the Client. The CP Engineer may, at his discretion, require a Quality Audit of The Contractor’s facility to ensure that he has the management, facilities and skilled staff to carry out the work in accordance with the specification.

The Contractor shall accept full responsibility for the quality of his work and of materials used, irrespective of any quality surveillance that may be carried out by The CP Engineer.

2.1.9.2 Quality Control

The Contractor shall have the necessary equipment and qualified staff to carry out the quality control required to ensure compliance with the specification.

Quality control shall be carried out by a qualified inspector who is independent of the installation or construction activities. Quality control cannot be carried out by the site supervisor or any member of staff involved in production and programming.

The Contractor shall keep at least the following records:

- Material batch records
- Site Data Sheets Records
- Records of specific tests as required by The CP Engineer

These records shall be kept in a format that meets the approval of The CP Engineer. The cost of quality control shall be included in The Contractor's tender price.

Before the commencement of the contract, The Contractor shall prepare a Quality Plan detailing each activity to be carried out during the execution of the works. Each activity shall be supported by a detailed Works Procedure for that activity. The Quality Plan will also detail the inspection requirements of each specific activity, listing whether it be a review, witness or hold point, and define the responsibilities of the various parties at each stage of the works.

The Contractor shall provide the necessary documentation to be used during these inspections. Such documentation shall be reviewed and approved by The CP Engineer beforehand.

2.1.9.3 Quality Surveillance

The CP Engineer or his representative shall perform independent quality assurance inspections.

For the purpose of carrying out quality surveillance, the CP Engineer shall be granted access to any part of The Contractor's premises relevant to the work being carried out, at any reasonable time. The Contractor shall provide, at his own cost, any equipment or labour necessary to gain access to the works that are in progress.

The CP Engineer or his representative may remove any reasonable samples of materials to carry out testing. Rejection of the samples will place a hold on the use of material of the same batch number and may lead to rejection of all that batch of material and the reworking of any components that have already been worked on with rejected material.

The CP Engineer may carry out reasonable destructive tests at his sole discretion to ascertain compliance with the specification.

A report shall be compiled by the CP Engineer for each visit. A copy of the report will be given to The Contractor on completion of each surveillance visit.

In the event that the materials pass the destructive testing, the Contractor will be entitled to bill the Client for destroyed materials. In the event that the materials fail the destructive testing, the Contractor will not be compensated for the destroyed materials.

2.1.10 Completion and Handover Documentation

The Contractor shall, on completion of a project provide full documentation for all installed equipment and materials including as-built drawings, data sheets, operations and maintenance manuals etc. The documentation shall be provided in the form of 1 full colour hard copy and one electronic PDF (on a USB C Memory Stick)

2.2 Material Supply

2.2.1 Impressed Current Anode Groundbed Materials

2.2.1.1 Mixed Metal Oxide Anodes

The anode construction shall be as follows:

Substrate	Ductile Pure Titanium
Length	1000mm
Diameter	25mm
Weight	910g
Anode Coating	Mixed Metal/Metal Oxide Plasma Sprayed or alternative ceramic.
Environment	Must be able to support oxygen and hydrogen evolution.
Tail cable	16mm ² PVC/PVC
Output current	8 amps
Life expectancy	20 years at 8Amps

The ceramic mixed metal/metal oxide coating must withstand the evolution of oxygen and chlorine and be compatible to ASTM B338, CP Titanium Grade 1 or 2.

Cable connection is to be at the centre of the anode, care has to be exercised so that no copper is exposed beneath the titanium tube which could result in anode string burnout.

The ends of the tubes have to be effectively sealed against ingress of moisture.

The cable to titanium tube connection resistance should be less than 500 $\mu\Omega$.

Anode tail cables shall be of sufficient length to connect directly with the ring main cable or distribution cabinet without buried splices.

Anodes are to be supplied with a certificate from the supplier confirming compliance with specification.

An anode from each supply batch may be randomly selected and tested by an accredited third party laboratory as detailed below.

Test	Minimum requirement / test method
Test solution	10 % by volume Sulphuric Acid (H ₂ SO ₄)
Test temperature	Less than 50`C for duration of the test
Test current density	20 000A/m ² minimum
Test duration	Minimum of 36 days at the specified current density
Coating adhesion test	The coating adhesion shall comply in full to ASTM B571
Metallurgical/SEM analysis	Anodes will be sectioned and the MMO/PMO coating verified

2.2.1.2 Anode and Spacer Canisters

Anode and spacer canisters are to be made up from galvanised spiral ventilation ducting with the ends being sealed with galvanised end-caps which are to be secured to the canister wall by means of pop rivets. Dimensions of canisters are given elsewhere.

Anode canisters are to be fitted with a PVC cable gland sized to match the anode tail size. The gland is to be installed at one end of the canister through the side wall.

Anodes are to be centralised in the anode canisters both radially and longitudinally and filled with calcined pitch coke.

Spacer canisters are to be filled with coke only.

During filling of canisters, the material is to be firmly tamped to ensure no cavities or air pockets form.

The assembled canisters are to be sufficiently robust to withstand transport, handling and installation.

2.2.1.3 Calcined Pitch Coke

Calcined pitch coke to meet the following specification:

Table 1 : Calcined Pitch Coke Specification

Element	Limits	Test Method
Fixed Carbon	99.50% min	ASTM D 4239-94
		100% (%Ash+%VCM)
Ash and Volatiles	0.25% max	ASTM D 4422-89
		BS 1016 Part 4
Sulphur	0.25% max	ASTM D 4239-94
Moisture	0.15% max	ASTM D 3173-78
Bulk Density	1200 Kg/m ³	ASTM D 527
Resistivity Vs Pressure	200 kPa	0.2180 ohm-cm
	400 kPa	0.1509 ohm-cm
	600 kPa	0.1139 ohm-cm
	800 kPa	0.0959 ohm-cm
	1000 kPa	0.0831 ohm-cm
Particle Size Distribution	95% between 0.15 and 1mm	ASTM D 293-69

2.2.1.4 Cable Jointing Kits

Cathodic Protection System Reinstatement Request for Quotation

Panorama Cemetery Cathodic Protection System



Cable jointing kits are to be of the low voltage type for 600/1000V insulated cables and are to comprise of the following:

- Two part resin in transparent two chamber bag with integrated closed mixing and pouring (CMP) system. The resin expiry date is to be indicated on the resin packaging.
- Translucent mould body with snap fit closing system. Straight moulds are to be used for straight cable joints while branch moulds are to be used for anode tail to ring-main connections.
- Pre-cut foam sealing elements to provide reliable sealing to the mould body for all cable application diameters.
- Closure cap to prevent contamination.
- Suitably sized ferule or brass line tap for straight or branch cable connection respectively.

2.2.2 Cathodic Protection Cables

Cathodic Protection cables shall be insulated and rated for voltages up to 600V/1000V and shall have stranded copper conductors in accordance with SABS 1507 or ASTM Specification B-8.

All cathodic protection cables are to be double insulated PVC/PVC or XLPE/PVC. Cable to be used for AC mitigation earthing is to be single insulated.

Colour coding is to be as follows:

Positive	:	Red
Negative	:	Black
Reference Electrode:		Blue
Earth	:	Green/Yellow

2.2.3 Secure Underground Monitoring Enclosure

The enclosure is to be manufactured from UV stabilized sheet moulding composite (SMC) with 30% glass fibre content.

The enclosure is to have the following minimum characteristics:

- Load and Impact Strength
 - SANS 558 MD (4kN)
- Opening and Depth of Enclosure
 - Daylight Opening 350mm
 - Depth 600mm
- Metal Components and Fasteners
 - 304 Stainless Steel

Cathodic Protection System Reinstatement Request for Quotation

Panorama Cemetery Cathodic Protection System



- Water Ingress Protection
 - IP68
- Locking Mechanism
 - Mechanical and electronic locking system complete with alarm monitoring devices and centralised management platform.
- Lid
 - Raised dual lid system for water ingress protection.

The enclosure is to be encased in 30MPa concrete such that the full circumference has minimum cover of 300mm for the full depth.

A PVC endcap is to be fitted to the top of the UPVC pipe. The test post end cap is to be secured on opposite sides by means of two stainless steel splined grub screws with a minimum diameter of 8mm. The endcap and its fastening screws shall be of such a design as to prevent ingress of rain water.

2.2.4 Monitoring Facilities

2.2.4.1 Stationary Reference Electrodes

The details of the reference electrode are as follows :

Housing:	Porous ceramic of minimum dimensions 130mm diameter x 300mm high
Element:	16mm ² spiral copper conductor (total length of conductor inside housing shall be a minimum of 2m)
Medium:	copper sulphate crystals in saturated copper sulphate gel (110mm diameter by 220mm high)
Seal on housing:	Primary cement cap and secondary epoxy resin Cap.
Cable Tail:	Single core copper 16mm ² red PVC/PVC.
Prepackaged bag:	Cotton bag approximately 195mm diameter x 460mm long.
Chemical backfill:	75% hydrated gypsum, 20% Bentonite, 5% Sodium Sulphate.

The stationary reference electrode shall have a long-term potential stability of ± 10 mV or better, with a drift not exceeding ± 5 mV per year under expected soil or environmental conditions. The temperature coefficient shall not exceed 1 mV/°C.

2.2.4.2 Coupons

The coupon shall comprise a circular steel element that is flush mounted in a suitable acid, alkali and chemically resistant epoxy. The coupon material shall be similar to the pipe material. The coupon shall be connected to a standard 2 core 2.5mm² cabtyre cable with all the connections encapsulated in epoxy. The cabtyre shall exit the coupon assembly via

a suitably sized cable gland. The cable length shall be 10m unless specified otherwise. For AC measurements the coupon shall be machined from an 11 mm diameter steel rod. For DC measurements the coupon shall be machined from a 36 mm diameter steel rod.

2.2.4.3 IR Free Control Card

The IR Free control card shall have termination points for the pipe negative and monitor cables, the coupon negative and monitor cables and the reference electrode cable. The control card shall serve to connect the coupon negative and pipe negative cables via a normally closed reed switch in series with a suitably rated shunt.

2.3 Installation

2.3.1 Excavations

Prior to commencing with excavations. All necessary wayleaves are to be obtained. The proposed excavation area is to be scanned with ground penetrating radar (GPR) and the positions and depths of detected services are to be marked on the ground and recorded.

2.3.1.1 Cable Trenches

Cable trenches are to be excavated to a width of 300mm and depth of 1m. Topsoil to a depth of 300mm is to be removed and stored separately.

Prior to the laying of cables or anodes inside the trench all loose rocks are to be removed from the trench floor. Trenches are to be backfilled with the native material and compacted by means of a mechanical rammer in 300mm layers. Care is to be taken when laying the first layer of backfill to ensure that no rocks or other sharp objects are placed on top of the cables.

Cable warning tape is to be installed 600mm below final ground level.

Topsoil is to be replaced as the final layer.

2.3.1.2 Excavation of Pipelines

Topsoil to a depth of 300mm is to be removed and stored separately. Excavation is to be carried out to a depth 300mm above the level of the pipe overt (as determined by the GPR survey). The remaining 300mm is to be carried out by hand until the pipe overt is exposed and the position and direction of the pipe is clear.

Should full circumferential excavation be required, excavation on either side is to proceed by mechanical means allowing 200mm beyond the expected pipe diameter. The remaining material is to be removed by hand. Excavation underneath the pipeline is also to be carried out by hand.

Excavations are to be backfilled with the native material and compacted by means of a mechanical rammer in 300mm layers. Care is to be taken when laying the first layer of backfill to ensure that no rocks or other sharp objects are placed on top of the cables. In

cases where the pipe was found to have been installed with selected backfill or imported material, this is to be reinstated.

Cable warning tape is to be installed 600mm below final ground level.

Topsoil is to be replaced as the final layer.

2.3.2 Installation of Monitoring Enclosures

Buried enclosures are to be installed as per the manufacturer's specifications ensuring that the IP68 rating is maintained.

The enclosure is to be encased in 30MPa concrete such that there is a minimum cover of 200mm of concrete for the entire circumference and the entire length of the enclosure.

2.3.3 Monitoring Facilities

2.3.3.1 Stationary Reference Electrodes

Stationary reference electrodes are to be installed adjacent to the pipeline at the 3 o'clock position. The reference electrode is to be 300mm away from the pipe wall. The reference electrode is to be soaked in water for 10 minutes prior to being installed.

Two 10mm² black double insulated cables are to be connected to the pipeline adjacent to the reference electrode installation.

The electrode is to be backfilled with the same selected backfill material that surrounds the pipeline. Cables are to be brought to the surface and terminated inside the monitoring enclosure.

2.3.3.2 Coupons

Coupons are to be installed immediately adjacent to pipe wall directly opposite the reference electrode.

The coupon is to be backfilled with the same selected backfill material that surrounds the pipeline.

The cable is to be brought to the surface and terminated inside the monitoring enclosure.

2.3.3.3 IR Free Control Cards

IR Free cards are to be installed inside the monitoring enclosure. Mountings are to be of the stand-off type to ensure that no part of the card is in contact with any part of the enclosure.

Cable terminations are to be carried out utilising the correct termination lugs as per the control card design drawing.

2.3.4 Installation of Cable to Pipe Connections

Cable to pipe connections are to be by means of stud welding or thermit welding.

Installations are to be carried out according to the manufacturer's specifications by a technician who has undergone training from the manufacturer and has a valid certificate to indicate this.

2.3.5 Installation of Coating Repair Materials

Coating repair applications are to be carried out according to the manufacturer's specifications by a technician who has undergone training from the manufacturer and has and has a valid certificate to indicate this.

2.3.6 Installation of Impressed Current Groundbeds

Anode and spacer canisters are to be carefully lowered into the trench using suitable slings. The cable is to be kept clear to prevent it being damaged in the process. The cable is not to be used to manoeuvre the anode canisters in any way.

The ring main cable is to be laid out on the edge of the trench and the anode tails are to be alternately spliced to each leg of the ring main. The cable jointing kits and cables are to be secured in position and not moved until the epoxy resin has set.

Prior to the ring main being laid into the trench, the anode and spacer canisters are to be backfilled with native material excluding any rocks larger than 30mm diameter such that they have 100mm cover. Thereafter the cables are to be laid in the trench and covered with 100mm of similarly screened material before the remaining backfilling is carried out.

**Cathodic Protection System Reinstatement Request for Quotation
Panorama Cemetery Cathodic Protection System**



3. Bill of Quantities

Bill of Quantities for the Supply and Installation of Cathodic Protection and AC Mitigation Materials and Equipment					
Item	Description	Unit	Qty	Rate	Amount
1	Provisional and General				
1.1	Fixed Charge				
1.1.1	Project Safety File	Sum	1		
1.1.2	Project QCP	Sum	1		
1.1.3	Other (Please specify)	Sum	1		
1.1.4	Other (Please specify)	Sum	1		
1.1.5	Other (Please specify)	Sum	1		
1.2	Time Related				
1.2.1	Programming	Weeks			
1.2.2	Full Time Site Supervision	Weeks			
1.2.3	Tools and Equipment	Weeks			
1.2.4	Water Supplies, Electric Power and Communications	Weeks			
1.2.5	Site Latrine	Weeks			
1.2.6	Quality and Safety	Weeks			
1.2.7	Company and Head Office Overhead Costs	Weeks			
1.2.8	Other (Please specify)	Weeks			
1.2.9	Other (Please specify)	Weeks			
1.2.10	Other (Please specify)	Weeks			
	Sub Total 1				
2	Anode Groundbed and Positive Cable				
2.1	Supply				
2.1.1	Supply Anode Canisters c/w MMO anode with 3m 10mm ² red double insulated tail	Each	5		
2.1.2	Supply Spacer Canisters	Each	5		
2.1.3	Supply Red 35mm ² Double Insulated Cable	m	460		
2.1.4	Supply Cable Joining Kits	Each	5		
2.1.5	Supply Sundries for Cable Termination at TRU	Sum	1		
2.2	Installation				
2.2.1	Excavate for Anode Groundbed Installation (2.5m deep x 400mm wide)	m	20		
2.2.2	Excavate for Positive Cable Installation (1.5m deep x 400mm wide)	m	200		
2.2.3	Install Cables	m	460		

**Cathodic Protection System Reinstatement Request for Quotation
Panorama Cemetery Cathodic Protection System**



Bill of Quantities for the Supply and Installation of Cathodic Protection and AC Mitigation Materials and Equipment					
Item	Description	Unit	Qty	Rate	Amount
2.2.4	Install Cable Joining Kits	Each	5		
2.2.5	Terminate Cables at TRU	Sum	1		
	Sub Total 2				
3	Monitoring Facilities				
3.1	Supply				
3.1.1	Secure Underground Enclosure	Each	6		
3.1.2	Cable to Pipe Stud Weld Connections	Each	12		
3.1.3	Pipe Connection Coating Repair - Cold Applied Modified Bitumen / PVC Laminate Tape System	Each	12		
3.1.4	Black 10mm ² Double Insulated Cable	m	60		
3.1.5	Reference Electrode (Including 5m of Cable)	Each	6		
3.1.6	Coupon (Including 5m of Cable)	Each	6		
3.1.7	Control Card	Each	6		
3.2	Installation				
3.2.1	Enclosure Installation (Including Excavation, Cable Connections, Bacfilling, Compaction and Concrete Installation)	Each	6		
3.2.2	Installation of Black 10mm ² Double Insulated Cable (Including Excavation, Bacfilling, Compaction.	m	60		
3.2.3	Cable to Pipe Connections	Each	12		
3.2.5	Pipe Connection Coating Repair	Each	12		
3.2.6	Installation of Reference Electrode (Including 5m of Cable)	Each	6		
3.2.7	Installation of Coupon (Including 5m of Cable)	Each	6		
3.2.8	Installation of Control Card	Each	6		
	Sub Total 3				

Summary					
1	Provisional and General				
2	Anode Groundbed and Positive Cable				
3	Monitoring Facilities				
	Total				



HEALTH, SAFETY & ENVIRONMENTAL (SHE) SPECIFICATION: BASELINE RISK ASSESSMENT

PROJECT NUMBER:	RFQ
PROJECT LOCATION:	Cosmo City
PROJECT DESCR:	Cosmo City CP reinstatement

POSSIBLE RISKS FOR THIS PROJECT

Task	Hazard	Risk	Consequence	Rating	Controls
Submission of Safety file	<ul style="list-style-type: none"> ✓ Unapproved safety file/ working without safety file 	<ul style="list-style-type: none"> ✓ Unsafe work conducted in the clients premises ✓ Non adherence to the clients safety requirements 	<ul style="list-style-type: none"> ✓ Fatalities, injuries, damage to property 	High	<ul style="list-style-type: none"> ✓ Compile safety file and submit it to the OHS department for approval ✓ Employees need to be inducted ✓ Employees work and safety file will be audited and monitored while they are on site
Transportation of material to site	<ul style="list-style-type: none"> ✓ Unsafe road conditions ✓ Un-road worthy vehicles ✓ Equipment and material not safely secured ✓ Incompetent drivers ✓ Driving under the influence of alcohol ✓ Inclement weather ✓ Speeding 	<ul style="list-style-type: none"> ✓ Accidents 	<ul style="list-style-type: none"> ✓ Personal injuries ✓ Property damage 	High	<ul style="list-style-type: none"> ✓ Adherence to the speed limit ✓ Only competent/ authorised drivers should operate the vehicle ✓ Inspection of vehicles ✓ Equipment and material to be properly secured ✓ Alcohol testing to be done
Offloading of material	<ul style="list-style-type: none"> ✓ Faulty machinery ✓ Poor ergonomics 	<ul style="list-style-type: none"> ✓ Hands can be caught in between materials 	<ul style="list-style-type: none"> ✓ Injuries ✓ Back sprain 	High	<ul style="list-style-type: none"> ✓ The correct PPE must be worn ✓ Designate the stacking areas and put signs

	<ul style="list-style-type: none"> ✓ Equipments (suspended load) falling on employees ✓ Unsafe slings and guide ropes ✓ uneven surface 	<ul style="list-style-type: none"> ✓ Obstructed walkways by materials ✓ Unsafe stacking of materials 			<ul style="list-style-type: none"> ✓ Stacking and storage inspector must be appointed and in charge
	<ul style="list-style-type: none"> ✓ Flying Debris 	<ul style="list-style-type: none"> ✓ Eye penetration 	<ul style="list-style-type: none"> ✓ Eye injuries/ blindness 	Moderate	<ul style="list-style-type: none"> ✓ Safety goggles shall be worn by employees
	<ul style="list-style-type: none"> ✓ Poor house keeping 	<ul style="list-style-type: none"> ✓ Slip/ Trip/ Fall 	<ul style="list-style-type: none"> ✓ Injuries ✓ Cuts/ Bruises 	Moderate	<ul style="list-style-type: none"> ✓ Good housekeeping must always be maintained
	<ul style="list-style-type: none"> ✓ Working from elevated position 	<ul style="list-style-type: none"> ✓ Falling 	<ul style="list-style-type: none"> ✓ Injuries 	Moderate	<ul style="list-style-type: none"> ✓ SOP for working at elevated position must always be used
	<ul style="list-style-type: none"> ✓ Working in confined spaces 	<ul style="list-style-type: none"> ✓ Oxygen deficiency, toxic gases, flammable atmospheres or explosive mixtures ✓ Entrapment, falls, noise and temperature extremes ✓ Moving machinery, equipment or tools 	<ul style="list-style-type: none"> ✓ Asphyxiation ✓ Biological or chemical exposure can lead to long term health issues ✓ Trauma or injury or fatal ✓ Suitable PPE provision 	High	<ul style="list-style-type: none"> ✓ Use explosion- proof or intrinsically safe equipment. ✓ Permit to work systems ✓ Atmospheric testing and monitoring. ✓ Ventilation and breathing apparatus ✓ Emergency response planning ✓ Training requirements for personnel ✓ Equipment specifications for confined space work
Excavations and reinstatement	<ul style="list-style-type: none"> ✓ Collapse ✓ Falls ✓ Equipment related accidents 	<ul style="list-style-type: none"> ✓ Depth and width increase risk ✓ Unstable water logged soil increase risk 	<ul style="list-style-type: none"> ✓ Injury ✓ Fatalities ✓ Infrastructure damage 	Extreme	<ul style="list-style-type: none"> ✓ Appoint a competent person to supervise excavations

	<ul style="list-style-type: none"> ✓ Underground services ✓ Water ingress ✓ Soil instability 	<ul style="list-style-type: none"> ✓ Nearby structures ✓ Equipment use ✓ Worker experience 	<ul style="list-style-type: none"> ✓ Environmental impact 		<ul style="list-style-type: none"> ✓ Conduct a thorough risk assessment before excavation ✓ Shoring, benching to prevent collapse ✓ Install a fencing and barriers to prevent falls and unauthorised entry/access ✓ Wear suitable PPE ✓ Regular inspect excavations and equipment ✓ Develop an emergency plan
Drainage testing	<ul style="list-style-type: none"> ✓ Evaluating the performance 	<ul style="list-style-type: none"> ✓ Water pressure ✓ Confined spaces ✓ Slips, trip and fall ✓ Water contamination ✓ Equipment failure 	<ul style="list-style-type: none"> ✓ Testing method ✓ Ageing material ✓ Testing in public areas, near water sources or environmentally sensitive areas ✓ Training of personnel ✓ Condition and maintenance of testing equipment 	High	<ul style="list-style-type: none"> ✓ Risk assessment ✓ PPE ✓ Confined space procedures ✓ Testing procedures ✓ Equipment maintenance ✓ Use of warning signs and barriers to restrict access to testing areas ✓ Develop an emergency plan
	<ul style="list-style-type: none"> ✓ Damaged breakers 	<ul style="list-style-type: none"> ✓ Unsafe use 	<ul style="list-style-type: none"> ✓ Injuries 	Low	<ul style="list-style-type: none"> ✓ Induct employees on safe use
	<ul style="list-style-type: none"> ✓ Awkward posture 	<ul style="list-style-type: none"> ✓ Back injuries / neck injuries 	<ul style="list-style-type: none"> ✓ Pains 	Moderate	<ul style="list-style-type: none"> ✓ Installers to be briefed and trained on correct sitting posture
	<ul style="list-style-type: none"> ✓ Poor house keeping 	<ul style="list-style-type: none"> ✓ Slip/ Trip/ Fall 	<ul style="list-style-type: none"> ✓ Injuries 	Low	<ul style="list-style-type: none"> ✓ Good housekeeping must always be maintained
	<ul style="list-style-type: none"> ✓ Electricity 	<ul style="list-style-type: none"> ✓ Contact with live electricity 	<ul style="list-style-type: none"> ✓ Shock/ Burns ✓ Fatality 	Extreme	<ul style="list-style-type: none"> ✓ Always switch off electricity before working

					✓ Lock out procedure to be followed at all times
	✓ Unauthorised people	✓ Lack of Knowledge	✓ Injuries/ death	Moderate	<ul style="list-style-type: none"> ✓ Only qualified electrician is authorised to perform duties. ✓ Only authorised employees must be on the working area ✓ Only accredited employees must be used
	✓ Ladder	✓ Fall from ladder	✓ Injuries	Low	<ul style="list-style-type: none"> ✓ SOP when using ladder must always be adhered to
	✓ Exposed wires	✓ Contact with exposed wires	<ul style="list-style-type: none"> ✓ Electrocution ✓ Cuts 	Moderate	<ul style="list-style-type: none"> ✓ Ensure proper wiring installation by a qualified electrician. ✓ Wear proper hand gloves
	✓ Manual handling	✓ Handling Heavy Objects	✓ Back pain	Moderate	<ul style="list-style-type: none"> ✓ Follow proper lifting techniques
	✓ Electric Fire	✓ Wrong connection	✓ Damages	Moderate	<ul style="list-style-type: none"> ✓ Fire extinguishers must always be available
	✓ Interference	✓ Risk of interference with cathodic protection systems or other equipment	✓ Injuries	Moderate	<ul style="list-style-type: none"> ✓ Monitor and test the atmosphere and cathodic protection system
	✓ Waste	✓ Incorrect disposal of waste	✓ Injuries	Low	<ul style="list-style-type: none"> ✓ Waste should be removed daily and placed in the correct waste bin.

RISK ASSESSMENT MATRIX

Likelihood	Consequences				
	Insignificant (minor problem easily handled by normal day to day processes)	Minor (Some disruption possible e.g. Damage equal to R150k)	Moderate (significant time / resources required. E.g., damage equal to R500k)	Major (Operations severely damaged. E.g., damages equal to R1m)	Catastrophic (business survival is at risk. Damage equal to R5m – 10m)
Almost certain (90% chance)	High	High	Extreme	Extreme	Extreme
Likely (between 50-90%)	Moderate	High	High	Extreme	Extreme
Moderate (between 10-50%)	Low	Moderate	High	Extreme	Extreme
Unlikely (between 3-10%)	Low	Low	Moderate	High	Extreme
Rare (<3%)	Low	Low	Moderate	High	High



Document title :	Minimum SHE Requirements for Construction Related RFQ projects		
Revision	00	Author:	OHS: Projects
Effective Date	January 2017	Pages:	01

1. SCOPE OF WORK

Cosmo City CP Reinstatement

2. PURPOSE

The aim of the SHE specification is to ensure that any contractor which is appointed by Johannesburg Water to conduct any work complies with the SHE requirements of the SHE specification and any other legislative requirement applicable to the contract scope.

3. APPLICABILITY

This document is applicable to all contractors and suppliers conducting contractual activities for and on behalf of Johannesburg Water.

4. APPOINTMENTS

The contractor and its appointed sub-contractor must make the relevant legislative and non-statutory appointments, which must be maintained valid for the entire contract duration.

All appointees shall be suitably trained and found to be competent for the responsibilities there are assigned for.

Copies of all relevant appointments and the relevant competence certificates must be kept in the relevant SHE file.

5. INSURANCE

The contractor and all its appointed sub-contractor(s) shall be registered with an appropriate compensation commissioner and have a valid letter of good standing from commissioner. The contractor is responsible for ensuring the Letter of Good Standing is valid for the entire duration of the project/contract. A copy of the letter of Good Standing must be kept in the SHE file.

6. COSTING FOR SHE REQUIREMENTS

The contractor is responsible for ensuring that SHE costing is taken into consideration for the entire project/contract as this will ensure they comply with the SHE legislative requirements

7. INDUCTION

An initial induction shall be done with key personnel to familiarize them with the requirements on site and for compiling the SHE file.

Once labourers are appointed JW will conduct an induction on SHE requirements, and the contractor is also required to conduct their company specific induction

 Johannesburg Water	Document title :	Minimum SHE Requirements for Construction Related RFQ projects		
	Revision	00	Author:	OHS: Projects
	Effective Date	January 2017	Pages:	01

8. SUBMISSION OF SAFETY FILE

- Once appointed the contractor can submit their safety file for approval.
- Approval will be granted when the critical items have been sufficiently addressed.

9. RISK ASSESSMENT

- Every Contractor who has been appointed contractually to conduct work for Johannesburg water shall do compile a baseline risk assessment prior to starting with work, subject to the approval of the Client.
- Thereafter the task based risk assessments will be done daily with every task being done.

10. SAFE WORKING PROCEDURES / METHOD STATEMENTS

The following method statements / safe working procedures must be compiled:

- Incident investigation, emergency plan, waste management plan, PPE procedure, hand tool procedure, hazardous chemical substance procedure.
- Method statement for the entire works

11. EXCAVATIONS

- Where excavations will exceed 1.5 m in depth the contractor will be required to submit a method statement to Johannesburg Water SOC Ltd for approval before commencing with the excavation and Johannesburg Water SOC Ltd will issue a permit to proceed once the risk assessment and method statement is approved
- Excavations must be limited to 100m per day or equated to the amount of work to be done for the day and all open excavations shall be closed within 3 days of excavation. No excavation will remain open beyond 3 days or during holidays.
- Excavation work must be carried out under the supervision of a competent person, who has been appointed in writing, with at least two years' experience in excavation work. Before excavation work begins the stability of the ground must be evaluated.
- Whilst excavation work is being performed, the contractor must take suitable and sufficient steps to prevent any person from being buried or trapped by a fall or dislodgement of material.
- No person may be required or permitted to work in an excavation that has not been adequately shored or braced.
- Where the excavation is in stable material and where the sides of the excavation are sloped back to at least the angle of repose of the excavated material, shoring or bracing may be left out but only after written permission has been obtained from the appointed competent person



Document title :	Minimum SHE Requirements for Construction Related RFQ projects		
Revision	00	Author:	OHS: Projects
Effective Date	January 2017	Pages:	01

- Shoring and bracing must be designed and constructed to safely support the sides of the excavation.
- Where uncertainty exists regarding the stability of the soil the opinion of a competent professional engineer or professional technologist must be obtained whose opinion will be decisive. The opinion must be in writing and signed by the engineer or technologist as well as the appointed competent person.
- No load or material may be placed near the edge of an excavation unless suitable shoring has been installed to be able to carry the additional load.
- Neighboring/adjoining buildings, structures or roads that may be affected or endangered by the excavation must be suitably protected.
- Every excavation must be provided with means of access that must be within 6 metres of any worker within the excavation.
- The location and nature of any existing services such as water, electricity, gas etc. must be established before any excavation is commenced with and any service that may be affected by the excavation must be protected and made safe for workers in the excavation.
- The appointed competent person must inspect every excavation, including the shoring and bracing or any other method to prevent collapse, as follows:
 - Daily before work commences
 - After every blasting operation
 - After an unexpected collapse of the excavation
 - After substantial damage to any supports
 - After rain
- The results of any inspections must be recorded in a register kept on site and in the safety file.
- Every excavation accessible to the public or that is adjacent to a public road or thoroughfare or that threatens the safety of persons, must be adequately barricaded or fenced to at least one meter high and as close to the excavation as practicable, regardless of the depth of the excavation.
- Every excavation must be provided with warning lights or visible boundary indicators after dark or when visibility is poor.
- Any confined space may only be entered after the air quality has been tested to ensure that it is safe to breathe and does not contain any flammable or noxious air mixture.
- The confined space must be purged and ventilated of any hazardous or flammable gas, vapour, dust or fumes. The safe atmosphere must be maintained and, where necessary.

 Johannesburg Water	Document title :	Minimum SHE Requirements for Construction Related RFQ projects		
	Revision	00	Author:	OHS: Projects
	Effective Date	January 2017	Pages:	01

- Employees are to be provided with breathing apparatus and must wear a safety harness with a rope with the free end of the rope being continuously attended to by a person outside the confined space.
- Employees are to be provided with breathing apparatus and must wear a safety harness with a rope with the free end of the rope being continuously attended to by a person outside the confined space.
- Excavations and other openings must be provided with sufficient barriers to prevent construction vehicles and mobile plant from falling into them
- Excavations left open for extended periods of time (exceeding 48 hours) must be approved the relevant Engineer / Construction Supervisor

12. MEDICAL SCREENING REQUIREMENTS

- The contractor shall ensure that a medical surveillance programme is implemented for all employees.
- The medical examination shall be conducted in line with the employee job profile/job description.
- A valid medical fitness certificate must be submitted together with the SHE File for approval for all employees who will be doing work for Johannesburg Water.
- Any employee(s) who are declared conditionally fit must be provided with employment which does not aggravate their medical condition as to endanger themselves or other employees.
- The following tests shall be done:
 - Audiograms.
 - A cardio-respiratory examination
 - Lung function tests.
 - Eye/ sight tests.
 - A general physical examination.
 - A review of previous medical history.
 - Blood pressure tests
 - Glucose tests
 - Vaccinations (Hepatitis A & Typhoid)

13. TOOLBOX TALKS

- The contractor shall ensure they conduct toolbox talks with their employees on a weekly basis and records of these must be kept in the SHE file.
- The objective of toolbox talks should be to communicate relevant site information to assist in improvement of occupational health and safety performance.

 Johannesburg Water	Document title :	Minimum SHE Requirements for Construction Related RFQ projects		
	Revision	00	Author:	OHS: Projects
	Effective Date	January 2017	Pages:	01

- Employees must acknowledge the receipt of toolbox talks and this record must also be kept in the SHE file.

15. PERSONAL PROTECTIVE EQUIPMENT (PPE)

- Contractor must issue their employees SABS approved PPE. A copy of the PPE issue register signed by the employee issued with the PPE must be kept in the SHE file.
- Contractor supervisor are required to conduct continuous inspections of the PPE issued to their employees to ensure that they are still in good condition to be used by the employee or they still comply with manufacture requirements.
- The contractor is responsible for ensuring that employees are trained on the safe use of the PPE issued to them, how to maintain it and the limitations of the PPE.
- NO SHORTS OR DRESSES WILL BE ALLOWED ON SITE

16. WORKPLACE SIGNAGE

- Appropriate symbolic signage must be displayed where it is required by legislation.
- Appropriate warning, mandatory and information signs must be placed where required.
- All signs must comply to SANS/SABS requirements.
- Contractors shall use mandatory and prescribed symbolic safety signs at their lay down and site areas.

17. INCIDENT REPORTING AND INVESTIGATION

- All incidents shall be reported to the Client before the end of the shift or within 24hrs of occurrence.
- Section 24 incidents shall be reported to DOL using the prescribed format.
- The contractor shall develop an incident management procedure and communicate with all employees.

18. NOTIFICATION OF CONSTRUCTION WORK

- The contractor shall notify the DOL in the prescribed format of the intended work prior to work.

19. COMPLIANCE MONITORING

- Weekly inspections and monthly audits will be conducted on site.



Document title :	Minimum SHE Requirements for Construction Related RFQ projects		
Revision	00	Author:	OHS: Projects
Effective Date	January 2017	Pages:	01

20. PROJECT COMPLETION

- Upon completion of the project the SHE file shall be returned to the Client for retention and close out.



Document title :	Minimum SHE Requirements for Construction Related RFQ projects		
Revision	00	Author:	OHS: Projects
Effective Date	January 2017	Pages:	01

Project details						
Project Scope: Cosmo City CP Reinstatement						
Depot / Site / Department: Heldekruin						
Estimated duration: TBC						
Documents required						
Letter of Good Standing	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>	N/A	<input type="checkbox"/>
SHE plan	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>	N/A	<input type="checkbox"/>
Risk Assessment	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>	N/A	<input type="checkbox"/>
Safe working Procedures	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>	N/A	<input type="checkbox"/>
Notification of Construction work	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>	N/A	<input type="checkbox"/>
Inspection registers	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>	N/A	<input type="checkbox"/>
Items required before starting						
Medicals	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>	N/A	<input type="checkbox"/>
Vaccinations	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>	N/A	<input type="checkbox"/>
PPE (boots, hard hats, overall)	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>	N/A	<input type="checkbox"/>
Induction	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>	N/A	<input type="checkbox"/>
Approval from OHS	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>	N/A	<input type="checkbox"/>
APPOINTMENTS AND COMPETENCIES						
<u>Construction Supervisor</u>						
Appointment	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>	N/A	<input type="checkbox"/>
CV (and/ certificates)	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>	N/A	<input type="checkbox"/>
<u>Safety Officer</u>						
Appointment	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>	N/A	<input type="checkbox"/>
CV (and/ certificates)	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>	N/A	<input type="checkbox"/>
NB* Other appointments will be based on the number of employees on site as required by law.						



Document title :	Minimum SHE Requirements for Construction Related RFQ projects		
Revision	00	Author:	OHS: Projects
Effective Date	January 2017	Pages:	01

RETURNABLE ANNEXURE A: ACKNOWLEDGEMENT OF SHE SPECIFICATION & ANNEXURES

CONTRACTOR:	
--------------------	--

I, the undersigned, hereby acknowledge that I have obtained copies of the following listed documentation and confirm that I fully understand the contents thereof and the consequences of non-compliance. The Contractor furthermore reiterates its commitment to compliance of the requirements contained within the following provided documentation:

- Johannesburg Water SOC Ltd, Safety, Health & Environmental (SHE) Specification, Annexure 1: Baseline risk assessment conducted for or on behalf of Johannesburg Water SOC Ltd;

Signed at on this Day of 20.....

CONTRACT MANAGER			
NAME	DESIGNATION	DATE	SIGNATURE
CONTRACT SUPERVISOR			
NAME	DESIGNATION	DATE	SIGNATURE
WITNESS (1)			
NAME	DESIGNATION	DATE	SIGNATURE
WITNESS (2)			
NAME	DESIGNATION	DATE	SIGNATURE

Guide: How to submit a response on the E-tender Portal

- Submit on E tender portal, following the below:
 1. (<https://www.etenders.gov.za/>)
 2. Search/Click Browse Opportunities by organ of state (Johannesburg Water)/search by RFQ reference number .
 3. Click the + **sign** to expand the tender/ RFQ information.
 4. start the e submission process.
 5. Supplier login
 6. Use your CSD Credentials to Login. Contact CSD on (csd@treasury.gov.za) in case you forgot your login credentials. “My profile should show if you have logged in successfully”.
 7. select supplier.
 8. check the submission checklist and attached the compulsory documents.
 9. confirm and proceed .

If the application is not going through on the E-tender portal Contact:

eTenders Contact Centre

+27(0)12 406 9222 / 012 406-9229 / 012 312-5000

etenders@treasury.gov.za

<https://etenders.treasury.gov.za>

POPIA PRIVACY STATEMENT

Johannesburg Water SOC Limited

In terms of the Protection of Personal Information Act, 213 (Act 4 of 2013), also called the POPI Act or POPIA, Johannesburg Water SOC Limited, undertakes all reasonable measures to protect personal information and to keep it private and confidential.

1. Privacy Notice applies to:

Suppliers, vendors, contractors, service providers, etc whether appointed or prospective.

2. Definitions of personal information

According to the Act “personal information” means information relating to an identifiable living, natural person, and where it is applicable, an identifiable, existing juristic person. All addresses including residential, postal and email addresses.

3. About the Public Entity

Johannesburg Water (SOC) Limited, registration number 2000/029271/30

3.1 The information we collect

We collect information directly from you where you provide us with your personal details. Where possible, we will inform you what information you are required to provide to us and what information is optional.

3.2 How Johannesburg Water use your information

We will use your personal information only for the purposes for which it was collected and agreed with you. For example: to gather contact information, to confirm and verify your identity, for the evaluation and adjudication of bids and quotations for tenders, request for quotations, and other personal information for the procurement of goods and services by the Entity.

3.3 Disclosure of information

We may disclose your personal information to our Shareholder, the City of Johannesburg, and other Government agencies such as National Treasury, and the Auditor-General of South Africa. We have agreements in place to ensure that they comply with the privacy requirements as required by the Protection of Personal Information Act.

We may also disclose your information:

- Where we have a duty or a right to disclose in terms of law;
- Where we believe it is necessary to protect our rights.

3.4 Information Security

We are legally obliged to provide adequate protection for the personal information we hold and to stop unauthorised access and use of personal information. We will, on an ongoing basis, continue to review our security

POPIA PRIVACY STATEMENT

Johannesburg Water SOC Limited

controls and related processes to ensure that your personal information remains secure.

When we contract with third parties, we impose appropriate security, privacy and confidentiality obligations on them to ensure that personal information that we remain responsible for, is kept secure. We will ensure that anyone whom we pass your personal information agrees to treat your information with the same level of protection as we are obliged to.

3.5 Your rights: Access to Information

You have the right to request a copy of the personal information we hold about you. To do this, simply contact us at informationofficer@jwater.co.za, and specify what information you require.

3.6 Correction of your personal information

You have the right to ask us to update, correct or delete your personal information. We will require a copy of your identification document to confirm your identity before making changes to personal information we may hold about you. We would appreciate it if you would keep your personal information accurate and up to date.

3.7 How to contact us

If you have any queries about this document; you need further information about our privacy practices; wish to withdraw consent; exercise preferences or access or correct your personal information, please contact us at the numbers listed on our website or send an email to informationofficer@jwater.co.za.



a world class African city



City of Johannesburg

Johannesburg Water SOC Ltd

Turbine Hall
65 Ntengi Piliso Street
Newtown
Johannesburg

Johannesburg Water
PO Box 61542
Marshalltown
2107

Tel +27(0) 11 688 1400
Fax +27(0) 11 688 1528

www.johannesburgwater.co.za

PLEASE SUPPLY THE FOLLOWING DOCUMENTS TO ENABLE US TO EVALUATE YOUR SUBMISSION:			
Returnable Documents	Description	Yes/No	
1	Original Valid Tax Clearance Certificate /valid SARS PIN		COMPULSORY
2	A, certified /original/valid, BBBEE certificate /sworn affidavit (Please note that the Sworn Affidavit must be compliant as per B- BBEE Practice Guide 01 of 2018 , NON-COMPLIANT AFFIDAVIT WILL BE SCORED ZERO)		COMPULSORY
3	Municipal rates and taxes (Must not be older than 90 days in arrears in line with regulation 38.		COMPULSORY
4	Signed Declaration of Interest form (MBD 4)		COMPULSORY
5	Declaration of Bidders past supply chain management practices (MBD 8)		COMPULSORY
6	Certificate of Independent Proposal Determination (MBD 9)		COMPULSORY
7	Proof of CSD registration /MAAA Supplier Number		COMPULSORY
8	Preference points claim form in terms of the preferential procurement regulations 2022 (MBD 6.1)		COMPULSORY
9	Company registration documents with ID copies of directors / shareholders.		COMPULSORY

Directors:

Ms Dineo Majavu (Chairperson), Mr Ntshavheni Mukwevho (Managing Director and Executive Director),
Mr Kgaugelo Mahlaba (Chief Financial Officer and Executive Director), Mr Sipho Mthembu, Ms Zandile Meeleso, Mr Pholoso Matjele,
Mr Molate Mashifane, Ms Pamela Mabece, Mr Collen Sambo, Mr Makoko Makgonye, Ms Thabiso Kutumela, Mr Kefiloe Mokoena

Ms Kethabile Mabe (Company Secretary),

Johannesburg Water SOC Ltd

Registration Number: 2000/029271/30

MBD 4

DECLARATION OF INTEREST

- 1. No bid will be accepted from persons in the service of the state¹.
- 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 In order to give effect to the above, the following questionnaire must be completed and submitted with the bid.

3.1 Full Name of bidder or his or her representative:.....

3.2 Identity Number:

3.3 Position occupied in the Company (director, trustee, hareholder²):.....

3.4 Company Registration Number:

3.5 Tax Reference Number:.....

3.6 VAT Registration Number:

3.7 The names of all directors / trustees / shareholders members, their individual identity numbers and state employee numbers must be indicated in paragraph 4 below.

3.8 Are you presently in the service of the state? **YES / NO**

3.8.1 If yes, furnish particulars.

.....

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

- (a) a member of –
 - (i) any municipal council;
 - (ii) any provincial legislature; or
 - (iii) 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.

3.9 Have you been in the service of the state for the past twelve months? **YES / NO**

3.9.1 If yes, furnish particulars.....

.....

3.10 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?..... **YES / NO**

3.10.1 If yes, furnish particulars.

.....
.....

3.11 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**

3.11.1 If yes, furnish particulars

.....
.....

3.12 Are any of the company's directors, trustees, managers, principle shareholders or stakeholders in service of the state? **YES / NO**

3.12.1 If yes, furnish particulars.

.....
.....

3.13 Are any spouse, child or parent of the company's directors trustees, managers, principle shareholders or stakeholders in service of the state? **YES / NO**

3.13.1 If yes, furnish particulars.

.....
.....

3.14 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. **YES / NO**

3.14.1 If yes, furnish particulars:

.....
.....

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

Full Name	Identity Number	State Employee Number

.....
Signature

.....
Date

.....
Capacity

.....
Name of Bidder

**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.

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 of up to R50 000 000 (all applicable taxes included); and

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.

- 1.3 Points for this tender (even in the case of a tender for income-generating contracts) 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. DEFINITIONS

- (a) **“tender”** means a written offer in the form determined by an organ of state in response to an invitation to provide goods or services through price quotations, competitive tendering process or any other method envisaged in legislation;

- (b) “**price**” means an amount of money tendered for goods or services, and includes all applicable taxes less all unconditional discounts;
- (c) “**rand value**” means the total estimated value of a contract in Rand, calculated at the time of bid invitation, and includes all applicable taxes;
- (d) “**tender for income-generating contracts**” means a written offer in the form determined by an organ of state in response to an invitation for the origination of income-generating contracts through any method envisaged in legislation that will result in a legal agreement between the organ of state and a third party that produces revenue for the organ of state, and includes, but is not limited to, leasing and disposal of assets and concession contracts, excluding direct sales and disposal of assets through public auctions; and
- (e) “**the Act**” means the Preferential Procurement Policy Framework Act, 2000 (Act No. 5 of 2000).

3. FORMULAE FOR PROCUREMENT OF GOODS AND SERVICES

3.1. POINTS AWARDED FOR PRICE

3.1.1 THE 80/20 PREFERENCE POINT SYSTEMS

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

80/20

$$Ps = 80 \left(1 - \frac{Pt - Pmin}{Pmin} \right)$$

Where

- Ps = Points scored for price of tender under consideration
- Pt = Price of tender under consideration
- Pmin = Price of lowest acceptable tender

3.1.1. POINTS AWARDED FOR PRICE

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

80/20

$$Ps = 80 \left(1 + \frac{Pt - Pmax}{Pmax} \right) \circ$$

Where

- Ps = Points scored for price of tender under consideration
- Pt = Price of tender under consideration
- Pmax = Price of highest acceptable tender

4. POINTS AWARDED FOR SPECIFIC GOALS

4.1. 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)	Proof of documents per specific goals
Businesses located in a Region within COJ, COJ Municipality or Gauteng Province	20		Proof of municipal account / valid lease agreement, letter from the Ward Council confirming the business address.

DECLARATION WITH REGARD TO COMPANY/FIRM

4.2. Name of company/firm.....

4.3. Company registration number:

4.4. 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]

4.5. 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:

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 municipality's / municipal entity's supply chain management system or committed any improper conduct in relation to such system;
 - b. been convicted for fraud or corruption during the past five years;
 - c. willfully neglected, reneged on or failed to comply with any government, municipal or other public sector contract during the past five years; or
 - d. been listed in the Register for Tender Defaulters in terms of section 29 of the Prevention and Combating of Corrupt Activities Act (No 12 of 2004).
- 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"/>
4.2.1	If so, furnish particulars:		
4.3	<p>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?</p>	Yes <input type="checkbox"/>	No <input type="checkbox"/>

4.3.1	If so, furnish particulars:		
Item	Question	Yes	No
4.4	Does the bidder or any of its directors owe any municipal rates and taxes or municipal charges to the municipality / 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 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

.....
Date

.....
Position

.....
Name of Bidder

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 *pe se* prohibition meaning that it cannot be justified under any grounds.

- 3 Municipal Supply Regulation 38 (1) prescribes that a supply chain management policy must provide measures for the combating of abuse of the supply chain management system, and must enable the accounting officer, among others, to:
 - a. take all reasonable steps to prevent such abuse;
 - b. reject the bid of any bidder if that bidder or any of its directors has abused the supply chain management system of the municipality or municipal entity or has committed any improper conduct in relation to such system; and
 - c. cancel a contract awarded to a person if the person committed any corrupt or fraudulent act during the bidding process or the execution of the contract.

- 4 This MBD serves as a certificate of declaration that would be used by institutions to ensure that, when bids are considered, reasonable steps are taken to prevent any form of bid-rigging.

- 5 In order to give effect to the above, the attached Certificate of Bid Determination (MBD 9) must be completed and submitted with the bid:

¹ Includes price quotations, advertised competitive bids, limited bids and proposals.

² Bid rigging (or collusive bidding) occurs when businesses, that would otherwise be expected to compete, secretly conspire to raise prices or lower the quality of goods and / or services for purchasers who wish to acquire goods and / or services through a bidding process. Bid rigging is, therefore, an agreement between competitors not to compete.

CERTIFICATE OF INDEPENDENT BID DETERMINATION

I, the undersigned, in submitting the accompanying bid:

(Bid Number and Description)

in response to the invitation for the bid made by:

(Name of Municipality / Municipal Entity)

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

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

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.
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.

³ Joint venture or Consortium means an association of persons for the purpose of combining their expertise, property, capital, efforts, skill and knowledge in an activity for the execution of a contract.

10. I am aware that, in addition and without prejudice to any other remedy provided to combat any restrictive practices related to bids and contracts, bids that are suspicious will be reported to the Competition Commission for investigation and possible imposition of administrative penalties in terms of section 59 of the Competition Act No 89 of 1998 and or may be reported to the National Prosecuting Authority (NPA) for criminal investigation and or may be restricted from conducting business with the public sector for a period not exceeding ten (10) years in terms of the Prevention and Combating of Corrupt Activities Act No 12 of 2004 or any other applicable legislation.

.....
Signature

.....
Date

.....
Position

.....
Name of Bidder

Js9141w 4

**DATA SUBJECT CONSENT WITHDRAWAL FORM
IN TERMS OF THE PROTECTION OF PERSONAL INFORMATION ACT, NO. 4 OF
2013 (POPIA)**

CONSENT

I a natural person “herein referred to as the “Data Subject” with identification number hereby withdraw my consent to process my personal information by Johannesburg Water SOC Ltd (Responsible Party). Therefore, Johannesburg Water SOC Ltd. no longer has my consent to process my personal information for the intended purpose

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

which was previously granted using the DATA SUBJECT CONSENT FORM.

The withdrawal of consent does not affect the lawfulness of the processing activities up to the date on this form.

Details of Data Subject

Name and surname:

Identification number:

Date of Birth:

Residential address:

.....
.....

Contact number(s):

E-mail address:

Relationship to Responsible Party:

Signed at _____ on this _____ day of _____ 20__

Signature of Data Subject

Information Officer/Deputy
Johannesburg Water SOC Ltd.