



#### City of Johannesburg

Johannesburg Water SOC Ltd

Turbine Hall 65 Ntemi 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

**REQUEST FOR PRICING** (GOODS AND SERVICES) Form No: JW SCM Dev

MBD1

Revision No: 01

Effective Date: 24 May

2024

RFP NUMBER: JW RFP 25/10/2024 CLOSING 08 November **CLOSING** 14H00 DATE: 2024 TIME: DESCRIPTION: PARTIAL RESTORATION OF HEAD OF WORKS MV SUBSTATION, SERVICE / REPAIR STANDBY DIESEL GENERATOR AT THE BUSHKOPPIE WASTEWATER TREATMENT WORKS. **BRIEFING** Yes BRIEFING **SESSION** Thursday, 31 October 2024 Bushkoppie Wastewater Treatment **SESSION** DATE at 13:00 Works AND **VENUE** TIME Compulsory 25 October 2024 **ISSUE DATE** 

BIDDING PROCEDURE ENQUIRIES MAY BE DIRECTED TO:					
Bidding procedure e	nquiries <u>must</u> be sent to:	Technical enquiries must be directed to:			
CONTACT	Tshilidzi Takalani	CONTACT	Innocent Madubanya		
PERSON		PERSON			
TELEPHONE	044 000 4770	TELEPHONE	082 373 2008		
NUMBER	011 688 1772	NUMBER	002 373 2000		
E-MAIL ADDRESS	tshilidzi.takalani@jwater.co.za	E-MAIL	innocent.madubanya@jwater.co.za		
		ADDRESS			

#### **SUPPLIER**

#### Directors:

Mr Dineo Majavu (Chairperson), Mr Ntshavheni Mukwevho (Managing Director and Executive Director),

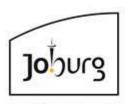
Mr Kgaugelo Mahlaba (Chief financial Officer and Executive Director) Mr Sipho Mthembu, Ms Zandile Meeleso, Mr Pholoso Matjele,

Mr Kgaile Mogoye, 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





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	INFORMATION					
NAME OF BIDDER						
POSTAL ADDRESS						
STREET ADDRESS						
TELEPHONE NUMBER	CODE			NUMBER		
CELLPHONE NUMBER						
E-MAIL ADDRESS						
VAT REGISTRATION NUMBER			CIDI	B GRADING	4EP OF	RHIGHER
SUPPLIER	TAX		CEN	ITRAL	MAAA	
COMPLIANCE STATUS	COMPLIANCE		SUP	PLIER		
	SYSTEM PIN:		DAT	ABASE No:		
B-BBEE	[TICK APPLIC	ABLE BOX]	B-BI	BEE	L .	APPLICABLE
VERIFICATION			SWC	ORN	BOX]	
CERTIFICATE	□Yes	□No	AFF	IDAVIT		□Na
			(EMI	Es OR QSEs)	□Yes	□No

#### **BID SUBMISSION:**

BID DOCUMENTS MUST BE DEPOSITED IN THE TENDER BOX SITUATED AT GROUND FLOOR IN JOHANNESBURG WATER

ADDRESS: TURBINE HALL, 65 NTEMI PILISO STREET, NEWTOWN, JOHANNESBURG, 2001

PLEASE ALLOW SUFFICIENT TIME TO ACCESS THE JOHANNESBURG WATER OFFICE IN TURBINE HALL AND DEPOSIT YOUR TENDER DOCUMENT IN THE JOHANNESBURG WATER TENDER BOX SITUATED AT RECEPTION BEFORE THE TENDER CLOSING DATE AND TIME.

- TIMES: THE BUILDING WILL OPEN 7 DAYS A WEEK FROM 06:00AM UNTIL 18:00PM Late bids will not be accepted for consideration.
- All pricing/quotation must be submitted by completing the attached or on the official company letterhead, signed and accompanied by the returnable documents stated below.

No bids will be considered from persons in the service of the state, companies with directors who are persons in the service of the state, or close corporations with member's persons in the service of the state.

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#### SCOPE OF WORK

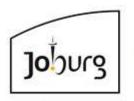
Partial restoration of Head of works MV Substation, service / repair Standby Diesel Generator at the Bushkoppie Wastewater Treatment Works.

#### 1.1. Electrical Works

- Supply, install and join all vandalized cables in the plc room according to the following:
  - ✓ Repairs to Unit 1 PLC
  - ✓ Repairs to Unit 2 PLC
  - √ 10mm x 4c SWA cable.
  - √ 6mm x 4c SWA cable
  - √ 1mm 8pr SWA cable
  - √ 1mm x 2pr SWA cable.
- Repair MCC 1 panel.
  - ✓ Supply 100 x 6.3 copper bus bars
  - ✓ Supply and install busbar support sets
  - ✓ Supply 50 x 6.3 copper bus bars
  - ✓ Supply 25 x 6.3 copper bus bars
  - ✓ Supply 30 x 103 copper bus bars
  - ✓ Labour for the Installation of busbars.
- Repair MCC 2 & 3 panel.
  - ✓ Supply 100 x 6.3 copper bus bars
  - ✓ Supply 25 x 6.3 copper bus bars
  - ✓ Supply and install 400mm OL 76 cable ladders between transformer and MCC
  - ✓ Cable ladder support / stand
  - ✓ Supply and install missing busbar covers
  - 300mm single core cables
  - 300mm cable ends
  - Insulators for the 300mm cable
- Compressor Room

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- ✓ Supply and install 50 x 4c SWA cable.
- √ 50 x 4c cable joints x 2
- √ 50 x 4c cable ends x 2
- √ 35mm Kwena cable
- Substation 3 MV work
  - ✓ Supply and install 315 KVA 11000/400V transformer.
  - ✓ Delivery and Rigging
  - ✓ Civil work (screed braking & re-installation of screed)
  - ✓ Inspect / repair MV feeder (11KV)
  - Repair earth bar and earthing inside the Substation.
  - Install transformer cover (700 x 4000) + (600 x 700)
- Repair Standby Diesel Generator.
  - ✓ Service repair and test 300 KVA standby generator
  - ✓ Inspect repair MCC 1 change over panel!
  - ✓ Inspect repair MCC 2 Change over panel!
  - Supply and install 630 Amp change over switch.
- Issue Certificate of Compliance for all the new electrical work.

#### 1.2. DESCRIPTION

The main objective of the project is to partially restore Head of works MV Substation, service / repair Standby Diesel Generator at the Bushkoppie Wastewater Treatment Works for a period of three (3) months. in line with the latest Johannesburg Water Particular Generic Specifications and applicable standards.

#### 1.2.1. Overview of the Works

The scope of work to be performed under this contract includes electrical works. The works shall be executed on existing infrastructure and certain sections of the existing installation may be live during installation. The prospective tenderers shall take into consideration all safety precaution requirement in compliance with the Occupational Health and Safety Act, 1993 with associated Regulations. The work to be carried out

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at Bushkoppie Wastewater Treatment Works, Head of Works area.

#### 1.2.2. Scope of Contract

The scope of work under this contract will be on a live, operational site and the proposed tenders must therefore take cognizance of this fact when compiling their respective Occupational Health and Safety Plans and shall accommodate appropriate working procedures. The scope of work to be performed under this contract shall consist of the electrical works as provided above. The contractor is expected to provide security and insurance for their equipment installed under this contract until the equipment are fully and formally handed over to Johannesburg Water.

#### 1.2.3. Location of the Works

The equipment called for under this Contract will be installed at Bushkoppie Wastewater Treatment Works. The Treatment Works is in Bushkoppie Estate, corner of Golden Highway and Stockwell Street approximately 1 km from R553 (Golden Highway). Bushkoppie Wastewater Treatment Works can be accessed from R553 Golden Highway along Stockwell Road.

#### 1.3. GENERAL

All items supplied must be as follows:

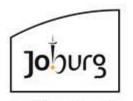
- They must be in accordance with the specified technical requirements and in compliance with JW particular generic specifications where applicable.
- Items offered must be SANS approved where applicable.

#### 1.4. ENGINEERING

#### 1.4.1. Employer's Design

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The scope of work shall be executed on existing infrastructure and the design shall be based on compatibility with the existing equipment and technical specifications stipulated in this contract for the purpose of execution of the scope of works in the interest of Partial restoration of Head of works MV Substation, service / repair Standby Diesel Generator at the Bushkoppie Wastewater Treatment Works for a period of three (3) months. in line with the latest Johannesburg Water Particular Generic Specifications and applicable standards such that they are brought to a reliable operational status and are safe and without risk to health in line with the requirement of Occupational Health and Safety Act, 85 of 1993. Any deviation shall be first approved by the Employer's representative before execution.

The Contractor is responsible for the detail design of the Works where the scope of works includes supply of new item that will interact with existing structures on site.

Manufacture of new items shall be provided with shop drawing as part of data documentation or pack.

#### 1.4.2. Drawings

As-built drawings are available.

#### 1.4.3. Applicable Generic Particular Specifications of JW

Item	Reference Number	Description/Title
1.	E04	Electrical LV DB's and MCC's
2.	E05	Electrical LV Cables
3.	E06	Electrical Cables Installation
4.	BWW523C	PLC Panels

#### 1.5. QUANTITIES

The quantities are as per the pricing schedule.

#### 1.6. DURATION OF CONTRACT

Three (3) months

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#### 2. TENDER FORM AND PRICE SCHEDULES

To: Johannesburg Water (SOC) Ltd.

Having examined the Tender documents including Addenda Nos \_\_\_\_\_ [insert numbers], the receipt of which is hereby duly acknowledged, we, the undersigned, offer Partial restoration of Head of works MV Substation, service / repair Standby Diesel Generator at the Bushkoppie Wastewater Treatment Works for a period of three (3) months as specified in conformity with the said RFP documents and as may be ascertained in accordance with the Schedule of Prices attached herewith and made part of this Tender.

#### Details of my / our offer are / are as follows:

We undertake, if our Tender is accepted, execute the contract in accordance with the requirements as specified.

We agree to abide by this RFQ's validity period of ninety (90) days from the date fixed for Tender opening, and it shall remain binding upon us and may be accepted at any time before the expiration of that period.

Until a formal Contract is prepared and executed, this Tender, together with your written acceptance thereof and your notification of award, shall constitute a binding Contract between us.

We understand that Johannesburg Water is not bound to accept the lowest or any tender it may receive, and that the contract may be awarded in whole or in part and to more than one tenderer.

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Should my/our response be successful, it be understood that a contract will come into existence as a once off contract which will commence from the date indicated in the letter of acceptance.

#### 2.1 SCHEDULE OF PRICES:

The evaluation on price alteration will be conducted as follows:

- 2.1.1 Where the tender award strategy is to evaluate and award per item or category, the following must apply:
  - (i) If there is an alteration on the rate but no alteration on the total for the item or category, the bidder will not be disqualified.
  - (ii) If there is an alteration on the total for the item/s without authentication, bidders will only be disqualified for alteration per item or category.
- 2.1.2 Where the tender award strategy is to evaluate and award total bid offer, the following must apply:
  - (i) If there is an alteration on the rate, total for the line item, sub-total/ sum brought/carried forward for the section but no alteration on the total bid offer, the bidder will not be disqualified.
  - (ii) If there is an alteration on the total bid offer on form of offer, then the amount in words must be considered or vice-versa.
  - (iii) If there is an unauthenticated alteration on the total bid offer and the amount in words is not authenticated the bidders will be disqualified for the entire tender.
- 2.1.3. Where the tender pricing schedule or bill of quantities is requesting rates/price from bidder/s without providing a total, the following will apply:

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(i) If there is an unauthenticated alteration on the unit rate/price the bidder must be disqualified.

Tenderer to complete the below Bill of Quantiles below:

ITEM	MILESTONES / LINE ITEMS	Units	QTY	UNIT PRICE	TOTAL COSTING
1	SECTION 1: PRELIMENARY AND GENERAL				
1.1	FIXED CHARGE AND VALUE RELATED ITEMS				
1.1.1	Compliance with the Health & Safety Specification	Sum	1		
1.1.2	Compliance with the Environmental Management Plan	Sum	1		
1.1.3	Quality Control and method statements	Sum	1		
	SECTION 2: ELECT	RICAL W	ORKS		
2.1	SECTION 2.1 ELECTRICAL SCOPE				
2.1.1	PLC REPAIRS				
2.1.1.1	REPAIR UNIT 1 PLC	Sum	1		
2.1.1.2	REPAIR UNIT 2 PLC	Sum	1		
2.1.1.3	SUPPLY 10mm X 4 SWA CABLE	m	46		
2.1.1.4	SUPPLY 16mm X 4 SWA CABLE	m	28		
2.1.1.5	SUPPLY 2.5mm X 4 CORE SWA CABLE	m	46		
2.1.1.6	SUPPLY 1mm 8 PAIR SWA CABLE	m	28		
2.1.1.7	SUPPLY 1mm 2 PAIR SWA CABLE	m	46		
2.1.1.8	LABOUR	Sum	1		
2.1.2	REPLACEMENT OF BUSS BARS AND CABLE				

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 $\label{eq:maps} \mbox{Ms Kethabile Mabe (Company Secretary)},$ 

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ITEM	MILESTONES / LINE ITEMS	Units	QTY	UNIT PRICE	TOTAL COSTING
2.1.2.1	100X6,3mm COPPER BUSBAR	m	111		
2.1.2.2	50 X 6,3mm COPPER BUSBAR	m	15		
2.1.2.3	25 X 6,3mm COPPER BUSBAR	m	39		
2.1.2.4	30 X 10mm COPPER BUSBAR	m	20		
2.1.2.5	BUSBAR SUPPORT SETS	No	16		
2.1.2.6	LABOUR TO INSTALL BUSBARS	SUM	1		
2.1.2.7	BUSBAR COVER	No	6		
2.1.2.8	400mm OL 76 STRAIGHT CABLE LADDER	m	9		
2.1.2.9	400mm OL 76 EXTERNAL ELBOW	Sum	1		
2.1.2.10	400mm OL 76 HORIZONTAL BEND	Sum	1		
2.1.2.11	CABLE LADDER SUPPORT / STAND	Sum	1		
2.1.2.12	300mm SINGLE CORE CABLE	m	72		
2.1.2.13	300mm SINGLE CORE CABLE ENDS	No	14		
2.1.2.14	INSULATORS FOR 300mm CABLE ENDS	No	6		
2.1.3	CABLES - 3				
2.1.3.1	70X3 TABLE 19 MV CABLE	m	2		
2.1.3.2	150mm X 4 CORE SWA CABLE	m	14		
2.1.3.3	120mm 4 CORE SWA CABLE	m	6		
2.1.3.4	70mm KWENA CABLE	m	247		
2.1.3.5	35mm KWENA CABLE	m	45		
2.1.3.6	50X4CORE CABLE	m	45		
2.1.3.7	50 X 4 CORE CABLE JOINT	No	2		
2.1.3.8	50X4 CABLE END	No	2		
2.1.3.9	TRENCHING & BACKFILLING	Sum	1		

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ITEM	MILESTONES / LINE ITEMS	Units	QTY	UNIT PRICE	TOTAL COSTING
2.1.3.10	CABLE IDENTIFICATION TAPE	Sum	1		
2.1.3.11	SOFT SAND	Sum	1		
2.1.3.12	LABOUR FOR CABLE INSTALATION	Sum	1		
2.1.4	GENERATOR - 4				
2.1.4.1	SERVICE / REPAIR 300 KVA GEN SET	Sum	1		
2.1.4.2	INSPECT / REPAIR / REPORT MCC 1 CHANGE OVER PANNEL	Sum	1		
2.1.4.3	INSPECT / REPAIR / REPORT MCC 2 CHANGE OVER PANNEL	Sum	1		
2.1.4.4	SUPPLY NEW 630 Amp CHANGE OVER SWITCH	Sum	1		
2.1.4.5	TESTING AND COMMISIONING	Sum	1		
2.1.5	MV WORK SUBSTATION 3 H.O.W - 5				
2.1.5.1	SUPPLY 315 KVA 11000/400V INDOOR TRANSFORMER	Sum	1		
2.1.5.2	DELIVERY / RIGGING	Sum	1		
2.1.5.3	INSPECT / REPAIR TEST 11KV MV FEEDER	Sum	1		
2.1.5.4	CIVIL WORK BREAKING AND REPAIR SCREED	Sum	1		
2.1.5.5	REPAIR EARTH BAR AND EARTHING IN MV ROOM	Sum	1		
2.1.5.6	INSTALL TRANSFORMER COVERS (700X4000 & 600X700)	Sum	1		
2.1.5.7	TESTING AND COMMISIONING	Sum	1		
			SU	B-TOTAL	<u>'</u>
				TOTAL	
				15% VAT	
				D TOTAL	

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#### Signature of person authorized to sign this tender (BOQ Sign-off):

Name:	Signature:		
	-		
Date:			

#### Directors:

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#### 3. EVALUATION CRITERIA

#### 3.1. Stage 1: Mandatory Requirements

NO.	MANDATORY CRITERIA	YES
1.	Compulsory briefing session to be attended by all potential tenderers.	Yes
2.	The tenderer must have active CIDB Grading of 4EP or Higher at Evaluation stage.	Yes
2.	Signed BOQ	Yes

NB: Bidders that fail to comply with the above mandatory requirements will not be evaluated further.

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#### 3.2. Stage 3: Functionality/Technical Evaluation Criteria

The functionality or technical evaluation criteria is as follows:

L	LEGAL REGISTRATION AS AN ELECTRICAL CONTRACTOR, TENDERER'S EXPERIENCE, QUALIFICATION AND EXPERIENCE OF KEY PERSONNEL							
Criteria No.	Criteria	Description	Documentary Evidence	Submission Compliant (Yes/No)				
1	Legal Compliance	Registration as an Electrical Contractor by Department of Employment and Labour in terms of OHS Act, 85 of 1993	Tenderer (Company) must submit <b>certified</b> proof of the tenderer's (company's) valid <b>registration certificate/letter as an Electrical Contractor</b> with the Department of Employment and Labor.	Submission compliant: (Yes / No)				

#### Directors:

Mr 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 Kgaile Mogoye, 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





#### City of Johannesburg

Johannesburg Water SOC Ltd

Turbine Hall 65 Ntemi Piliso Street Newtown Johannesburg

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CRITERIA NO	CRITERIA	EVIDENCE	SUB-CRITERIA/CLAUSE	WEIGHTING	SCORE
1.	Company's Experience  The Tenderer (Company) is required to have experience in the installation, repairs, refurbishment, and maintenance of MV network and repairs of MCC panels.	services of installation, repairs, refurbishment, and maintenance of MV network and repairs of MCC panels.  This document must be completed by the referee and included in the tender submission. Alternatively, the client's letterhead may be used for this purpose provided it complies with the	completed projects in respect services of installation, repairs, refurbishment, and maintenance of MV network and repairs of MCC panels.  1 X Client reference letter  2 X Client reference letter  3 X Client reference letter	25	0 18 25

#### Directors:

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2.	Financial Capability  (Company) is required to submit verifiable proof of having successfully completed projects with a value of R 3 Million or more related to installation, repairs, refurbishment, and maintenance of MV network and repairs of MCC panels.	refurbishment, and maintenance of MV network and repairs of MCC panels.  This document must be completed by the referee and included in the tender submission. Alternatively, the client's letterhead may be used for this purpose provided it complies with the functional criteria requirements. A separate form must be completed for each reference as required in the evaluation criteria. The Information provided will be verified and if found to be false or misrepresented, punitive measures will be instituted against the respective party including blacklisting and restriction from participating in any future government tender.	completed projects related to to services of installation, repairs, refurbishment, and maintenance of MV network and repairs of MCC panels.  Client reference letter(s) for completing related scope of work with a contract value less than R3 million  Client reference letter(s) for completing related scope of work with a contract value more than R3 million, but less than R4 million.  Client reference letter(s) for completing related scope of work with a contract value above R4 million	25	0 18 25
3.	Qualifications of the Electrician	The tenderer is required to submit the following certified copy of qualification for electrician who will be assigned for the execution of the work.	Bidder is to submit proof of relevant specified qualification  Electrician without Trade Test	25	0

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			Electrician with Trade Test		18
			Electrician with Trade Test and Wireman License		25
4.	Experience of Key personnel:  At least three	personnel confirming experience in respect of installation, repairs, refurbishment, and	•		
	years experience in respect of installation, repairs, refurbishment, and maintenance of MV network and MCC panels.		Less than three (3) years  Three (3) years or more but less than five (5) years  Five (5) years or more	25	0 18 25
MINIMUM C	QUALIFYING SCOR	E		72	
TOTAL				100	

#### Directors:

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#### **CONTACTABLE REFERENCE**

To Johannesburg Water (SOC) Ltd

I, the undersigned being duly authorized to do so, hereby furnish a reference to Johannesburg Water relative to the Partial restoration of Head of works MV Substation, service / repair Standby Diesel Generator at the Bushkoppie Wastewater Treatment Works.

Name of Tenderer:
Description of Services provided in relation to scope of work or criteria 1 of evaluation
Duration: Period when the Goods / Services were provided:
Start date: Year-Month-Day
End date: Year-Month-Day:
Contract/Project Value:
Name of authorised person:
Signature:Date
Telephone/Mobile:
Email:
Completed on behalf (Name of Client)

**NB:** This document must be completed by the referee and included in the tender submission. Alternatively, the client's letterhead may be used for this purpose provided it complies with the functional criteria requirements. A separate form must be completed for each reference as required in the evaluation criteria. Information provided will be verified and if found to be false or misrepresented, punitive measures will be instituted against the respective party including blacklisting and restriction from participating in any future government tender.

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Duration: Period when the Goods / Services were provided:	
Start date: Year-Month-Day	
End date: Year-Month-Day:	
Contract/Project Value:	
Name of authorised person:	
Signature:Date	
Telephone/Mobile:	
Email:	
Completed on behalf (Name of Client)	

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#### **Curriculum Vitae of Key Personnel**

Provide separate forms for each key personnel as per the position listed in the form: **Technician** 

<b>Curriculum Vitae</b>			
Name:			Date of birth:
Profession:			Nationality:
Qualifications:			
Name of Employer (	firm):		
Current position:			Total Months Relevant Experience:
<b>Employment Record</b>	<u></u> <u>:t</u>		
•	Pertinent to Required : End DATE	service: ROLE WHICH	PROVES DELEVANT
START DATE (day/ month/year)	End DATE (day/month year)	EXPERIENCE	PROVES RELEVANT
*			

#### **Certification:**

I, the undersigned, certify that, to the best of my knowledge and belief, this data correctly describes me, my qualifications and my experience.

Directors

Mr Dineo Majavu (Chairperson), Mr Ntshavheni Mukwevho (Managing Director and Executive Director),

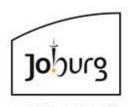
Mr Kgaugelo Mahlaba (Chief financial Officer and Executive Director) Mr Sipho Mthembu, Ms Zandile Meeleso, Mr Pholoso Matjele,

Mr Kgaile Mogoye, Mr Molate Mashifane, Ms Pamela Mabece, Mr Collen Sambo, Mr Makoko Makgonye, Ms Thabiso Kutumela,

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......

Signature of person named in the schedule  Curriculum Vitae of Key Personnel			Date		
Provide separate form Technician	s for each key personne	l as per the position l	listed in the fo	rm:	
Curriculum Vitae					
Name:			Date of bir	th:	
Profession:			Nationality	<i>'</i> :	
Qualifications:					
Name of Employer (	firm):				
Current position:			Total Mon Experience	ths Relevant e:	
Employment Record	<u>d:</u>				
Experience Record	Pertinent to Required :	service:			
START DATE (day/ month/year)	End DATE (day/month year)	ROLE WHICH EXPERIENCE	PROVES	RELEVANT	

#### **Certification:**

Directors:

Mr Dineo Majavu (Chairperson), Mr Ntshavheni Mukwevho (Managing Director and Executive Director),

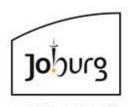
Mr Kgaugelo Mahlaba (Chief financial Officer and Executive Director) Mr Sipho Mthembu, Ms Zandile Meeleso, Mr Pholoso Matjele,

 $Mr\ Kgaile\ Mogoye,\ Mr\ Molate\ Mashifane,\ Ms\ Pamela\ Mabece,\ Mr\ Collen\ Sambo,\ Mr\ Makoko\ Makgonye,\ Ms\ Thabiso\ Kutumela,$ 

Mr Kefiloe Mokoena

 $\label{eq:maps} \mbox{Ms Kethabile Mabe (Company Secretary)},$ 

Johannesburg Water SOC Ltd





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I, the undersigned, certify that, to the best of my knowledge and belief, this data correctly

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describes me, my qualifications and my experience.					
Signature of person na	Signature of person named in the schedule Date				
	Curriculum Vitae of Key Personnel  Provide separate forms for each key personnel as per the position listed in the form:  Technician				
Curriculum Vitae					
Name:			Date of birth:		
Profession:			Nationality:		
Qualifications:					
Name of Employer (	firm):				
Current position:			Total Months Relevant Experience:		
Employment Record:					
	Pertinent to Required	<u> </u>			
START DATE (day/month/year)	End DATE (day/month year)	ROLE WHICH EXPERIENCE	PROVES RELEVANT		

#### Directors:

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<b>Certification:</b> I, the undersigned, certify that, to the best of my knowledge and belief describes me, my qualifications and my experience.	, this data correctly
Signature of person named in the schedule	Date

1.1. Stage 3: The responses will be evaluated on the 80/20 preference point's principle. 80 Points Price and 20 Points Specific Goals. Pricing schedule to be completed fully by the bidder. Bidders who failure to quote or complete the pricing schedule as per this requirement will be disqualified.

The required proof for claiming points for specific goals is as follows:

The specific goals allocated points in terms of this tender	Number of points allocated (80/20 system)	Number of points claimed. (80/20 system) (To be completed by the tenderer)
Business owned by 51% or more –Women	10	
SMME (EME or QSE) owned by 51% or more - Black People	10	
Total	20	

#### Directors:

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SPECIFIC GOALS - ANY	MEANS OF VERIFICATION THAT MUST BE
ONE OR A COMBINATION	SUBMITTED OR A COMBINATION THEREOF TO
OF ANY	PROVIDE POINTS CLAIMED
	•Valid BBBEE Certificate issued by SANAS
	accredited verification agency or DTI/CIPC BBBEE
Dusiness sweed by 510/ or	Certificate for Exempted Micro Enterprises or
Business owned by 51% or	Affidavit sworn under oath, OR
more-Women	CIPC registration document showing percentage of
	ownership and share certificate where applicable
	• ID copy
SMME (EME or QSE) owned	Full CSD report and ID copy of owner/s.
by 51% or more - Black People	BEE Certificate issued by SANAS accredited
	verification agency, DTI BBBEE Certificate for
	Exempted Micro Enterprises or Affidavit sworn under
	oath.
	CIPC registration document of company or share
	certificates for all shareholders.

**Note:** A tenderer failing to submit proof of specific goals claimed as per the tender conditions may not be disqualified but only points for price will be allocated and zero points for specific goals.

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#### 2. AWARDING STRATEGY

This request for pricing will be awarded to the highest scoring bidder in terms of price and points scored for specific goals.

#### 3. RETURNABLE DOCUMENTS

The following documents **must** be returned together with this Request for Pricing:

- 3.1. This request for pricing document must be completed and submitted with pricing or quotation.
- 3.2. Proof of points claimed for specific goal must be submitted to qualify for Specific Goals points.
- 3.3. Complete and sign the following Municipal Bidding Documents (MBD).
  - 3.3.1. MBD 3.1 Firm Price(s) Purchase
  - **3.3.2.** MBD 4 form (Declaration of Interest).
  - **3.3.3.** MBD 6.1 Form (Preference points claim form).
  - **3.3.4.** MBD 8 (Declaration of Bidder's Past Supply Chain Management Practices)
  - **3.3.5.** MBD 9 (Certificate of Independent Bid Determination).
- 3.4. Latest municipal account/statement not older than three months or valid lease agreement for both the company and all active Directors.
- 3.5. The required documentary evidence for functionality or technical evaluation (where Applicable).
- 3.6. **CIDB** Certificate

#### 4. GENERAL TERMS AND CONDITIONS

Price(s) quoted must be valid for ninety (90) days from date of your offer.

Price(s) quoted must be firm for the duration of the contract and must be inclusive of VAT.

Directors

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Bidders will be afforded a period of two (2) days to complete the following returnable documents (MBD 4, MBD 8 and MBD 9) in instances where such forms are incomplete.

Bidders who did not submit municipal statement of account or valid lease agreement for both the company and all active directors will be afforded a period of two (2) days to submit. In a case where the company or active Directors have municipal commitments overdue for more than 90 days they will be offered three (3) days to settle their overdue amounts or submit proof of an arrangement agreed to between that municipality and that company or Director.

#### **SPECIAL CONDITIONS**

1. DEFINITIONS:	1.1	That "Johannesburg Water (SOC) Ltd" shall herein after being
		referred to as "JW".

- 1.2 The "Managing Director" shall mean the Managing Director: Johannesburg Water (Soc) Ltd or his authorized representative.
- 1.3 "Vat" shall mean Value Added Tax in terms of the Value Added Tax Act 89 of 1991 as amended.

#### 2. PRICE:

- 2.1 All prices shall exclude Value Added Tax (VAT) at the standard rate as gazette from time to time by the Minister of Finance in terms of the Value Added Tax Act 89 of 1991 as amended.
- 2.2 All price(s) tendered shall include the cost of all insurances, services, labor, equipment, materials, etc. and be the net price after all discounts and settlement discount have been deducted. The net price/s shall be without any extra or additional charges to JW whatsoever.
- 2.3 A firm price will be acceptable.
- 2.4 Prices must include cost of supply, delivery, installation and commissioning as per technical specification.

#### Directors:

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#### 3. SURETY BOND: 3.1 No surety bond shall be required in terms of this contract.

# 4. COMPLIANCE WITH LEGISLATION AND SPECIFICATION:

- 4.1 The Service Provider shall comply with all Municipal By-laws, and any other Laws, Regulations or Ordinances and shall give all notices and pay all fees required by the provisions of such By-laws and Regulations specified therein.
- 4.2 The Service Provider shall comply with all the requirements prescribed in the specification.
- 4.3 Equipment must meet SANS requirements. The service provider must issue Certificate of Compliance for the electrical works in line with SANS 10142-1

#### 5. SAFETY:

Without derogation from the generality of Clause 4.1, or from any other provision of this contract, the Service Provider shall at all times during the contract, comply in all respects with the safety and other requirements of the Occupational Health and Safety Act 85 of 1993 and the regulations applicable hereunder.

### **6. EMPLOYMENT OF** 6.1 **LABOUR**:

The Service Provider must ensure that all relevant legislation is complied with in the employment of labour.

### 7. INSURANCE AND 7.1 INDEMNIFICATION:

In addition to any insurance required to be held by the Service Provider in terms of the Contract in terms of the Occupational Injuries and Diseases Act no. 130 of 1993, the Service Provider must be fully insured against all accidents, loss or damage arising out of the conditions or operation of the vehicles or execution of any work including all third-party risks. The Service Provider hereby indemnifies and agrees to keep indemnified throughout the period of the contract JW against all claims by third parties or the Service Provider's own employees resulting from the operations carried out by the Service Provider under this contract.

- 7.2 A current certificate of good standing in terms of the Compensation for Occupational Injuries and Diseases Act, 1993 must be furnished by the Service Provider within 21 days of notification of acceptance of the tender.
- 7.3 The Service Provider shall be liable for any damages or injury of whatever nature caused directly or indirectly as a result of his operations, to any of JW's or Municipal Government or Private Property or to his own vehicles and personnel.

#### Directors:

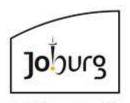
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- 7.4 Copies of such insurances and indemnifications must be supplied to JW within 21 days of notification of acceptance of the tender.
- 8. REMEDIES, BREACH, WHOLE AGREEMENT, WAIVER, VARIATION AND INDULGENCES
- If the Service Provider or any person employed or associated with him or in the case of a Company, a Director or shareholder or person also associated with such Company, either directly or indirectly gives or offers to give any gratuity, reward or commission or other bribe to any person in the employ of JW this contract shall be avoidable at the instance of JW.
- 8.2 If the Service Provider has not complied with the Managing Director's requirements or if he is in breach of any of the Conditions of this contract and:
- 8.2.1 Fails to remedy such breach within 14 (fourteen) days of receipt of written notice requiring it to do so (or if not reasonably possible to remedy the breach within 14 (fourteen days), within such further period as may be reasonable in the circumstances, provided that the Service Provider furnishes evidence within the period of 14 (fourteen) days reasonably satisfactory to JW, that it has taken whatever steps are available to it to commence remedying the breach), then the JW shall be entitled, without notice and in addition to any other remedy available to it at law or under this agreement, including obtaining an interdict, to cancel this agreement or to claim specific performance of any obligation whether or not the due date for performance has arrived, in either event without prejudice to JW's right to claim damages.
- 8.2.2 Should JW elect to cancel the contract then and in such instance a certificate presented by the Managing Director of JW shall constitute proof of the Service Provider's indebtedness to JW.
- 8.3 This agreement constitutes the entire agreement between the parties relating to the matter hereof.
- 8.4 No amendment or consensual cancellation of this agreement or any provision or term hereof or of any agreement, bill of exchange or other document issued or executed pursuant to or in terms of this agreement and no settlement of any dispute arising under this agreement and no extension of the time, waiver or relaxation or suspension of any of the provisions or terms of

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this agreement or of any agreement, bill of exchange or other document issued pursuant to or in terms of this agreement shall be binding unless recorded in a written document signed by the parties. Any such extension, waiver or relaxation or suspension, which is so given or made, shall be strictly construed as relating to the matter in respect whereof it was made or given.

#### 9. DISPUTES:

In the event of any dispute arising between JW and the Service Provider in connection with or arising out of the contract, it shall be referred to the Managing Director of JW who shall state his decision in writing and give notice of the same to the Service Provider within 28 days of the dispute having been submitted to the Managing Director of JW. Such decision shall be binding upon the Service Provider subject to clause 9.2

9.2

9.1

Should the Service Provider be dissatisfied with the decision of the Managing Director he/she may, within 28 days after receiving notice of such decision, require that the issue or issues be referred to a single arbitrator to be agreed upon between the parties or, failing agreement, to be nominated by the Chairman of the Association of Arbitrators and any such reference shall be deemed to be submission to the arbitration of a single arbitrator in terms of the Arbitration Act, 1965. The award of the arbitrator shall be final and binding on both parties.

9.3

Not later than one week after receipt of notice calling for arbitration, JW may give notice to the Service Provider that the dispute or disputes be settled by Court of Law having jurisdiction.

### 10. SCOPE OF 10.1 CONTRACT:

The main objective of the project is to Repair Head of works MV Substation, 2 x Motor control Stations (MCC), replace cables in the Head of Works PLC Room and service / repair Standby Diesel Generator at the Bushkoppie Wastewater Treatment Works in line with the latest Johannesburg Water Particular Generic Specifications and applicable standards.

10.2 The Service Provider shall be required to offer 12-month warranty for all new items, 6-month warranty for all repaired items and on workmanship.

#### 11. DURATION:

11.1 The tenure of the contract shall be with effect from the date of signing the contract as a once off purchase and completion within one (3) month.

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Mr Kefiloe Mokoena

Ms Kethabile Mabe (Company Secretary), Johannesburg Water SOC Ltd





13.1

18.1

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#### 12. QUANTITIES

12.1 Quantities shall be as per Bill of Quantities. Items which are practical to re-measure shall be remeasured for the purposes of payment.

# 13. PLACE AND TIME OF DELIVERIES:

Delivery shall be at Bushkoppie Wastewater Treatment Works during normal working hours, 08h00 to 15h00 weekdays.

#### 14.SAMPLES:

14.1 Not required

### 15. TENDER VALIDITY:

15.1 The Tender shall be valid for a period of ninety (90) days from the date of closing of Tenders.

### **16. ADJUDICATION** 16.1 **OF TENDERS**:

The highest, lowest or any tender will not necessarily be accepted by JW.

JW reserves the right to adjudicate the Tender to JW's best interest and it is not necessarily intended to award the Contract to only one Service Provider.

### 17. ACCEPTANCE 17.1 OF TENDER:

A valid and binding contract shall be concluded at the time when the Service Provider receives an official appointment letter and sign letter of acceptance at the offices of JW after the Service Provider where he/she will enter into a contract with JW with the term and conditions packaged in this document.

### 18. COMPLETENESS:

Failure by the tenderer to complete in full the required information regarding their proposal will render the tender liable to rejection on the grounds of being incomplete.

### 19.1 **QUALITY AND** 19.1 **GUARANTEE**

The Service Provider shall not be relieved of his obligations with respect to the sufficiency of the materials, workmanship and quality of the goods by reason of no obligation having been taken thereto by JW's representative at the time the goods were delivered.

19.2 If at any time, as stipulated in the contract, but not exceeding twelve (12) months after delivery, JW is dissatisfied with the goods or with any part thereof on account of materials being faulty or of inferior quality of workmanship or bad design or on account of the goods not being in strict accordance with the contract specifications; the Service Provider shall immediately remedy the said defects free of cost to JW. Should the Service Provider delay remedial work in excess of the time stipulated by

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JW's representative, JW may have such remedial work executed at the Service Provider's expense.

19.3

The risk of all goods purchased by JW from the Service Provider under this contract shall remain with the Service Provider until such time the goods have been delivered to JW.

19.4

20.1

If any dispute arises between JW and the Service Provider in relation with the quality and guarantee of the goods, either party may give the other a notice in writing of the existence of such dispute as stipulated in Clause 9.1.

# 20. PENALTIES FOR FAILURE TO DELIVER

If the Service Provider fails to deliver the required quantity of product by the due date agreed upon: a penalty of 5% (five) shall be applied for the total value of that specific order where delivery conditions were not met. Alternatively Johannesburg Water reserves the right to purchase the product elsewhere and to deduct any extra expense in excess of the tender rates so incurred from any sum due under this tender, or recover the amount from the Service Provider as debt.

20.2 No liability in terms of Clause 20.1 shall attach to the Service Provider if he shall prove to the satisfaction of the Engineer that the delivery has been delayed or become impossible due to fire, war, riot, strikes, Natural Disasters, lockout, accident or other unforeseen occurrences or circumstances beyond the Service Providers control, provided, however, that in all cases the Service Provider has notified Johannesburg Water in writing within 24 (Twenty-four) hours of it first coming to the Service Provider's notices, that delivery will be delayed or become impossible for the abovementioned reasons.

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#### PART B

#### TERMS AND CONDITIONS FOR BIDDING

#### 1. BID SUBMISSION:

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

#### 2. TAX COMPLIANCE REQUIREMENTS

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

#### 3. QUESTIONNAIRE TO BIDDING FOREIGN SUPPLIERS

3.1.	IS THE ENTITY A RESIDENT OF THE REPUBLIC OF SOUTH AFRICA (RSA)?
3.2.	DOES THE ENTITY HAVE A BRANCH IN THE RSA?
3.3.	DOES THE ENTITY HAVE A PERMANENT ESTABLISHMENT IN THE RSA?
3.4.	DOES THE ENTITY HAVE ANY SOURCE OF INCOME IN THE RSA?

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☐ YES ☐ NO
3.5. IS THE ENTITY LIABLE IN THE RSA FOR ANY FORM OF TAXATION?  YES NO
IF THE ANSWER IS "NO" TO ALL OF THE ABOVE, THEN IT IS NOT A REQUIREMENT TO REGISTER FOR A TAX COMPLIANCE STATUS SYSTEM PIN CODE FROM THE SOUTH AFRICAN REVENUE SERVICE (SARS) AND IF NOT REGISTER AS PER 2.3 ABOVE.
GENERAL CONDITIONS OF CONTRACT (GCC) WILL BE APPLICABLE TO THIS RFP.
GENERAL CONDITIONS OF CONTRACT (GCC) WILL BE APPLICABLE TO THIS RFP.  NB: FAILURE TO PROVIDE ANY OF THE ABOVE PARTICULARS MAY RENDER THE BID INVALID.
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Mr Kefiloe Mokoena

### PRICING SCHEDULE – FIRM PRICES (PURCHASES)

NOTE:

ONLY FIRM PRICES WILL BE ACCEPTED. NON-FIRM PRICES (INCLUDING PRICES SUBJECT TO RATES OF EXCHANGE VARIATIONS) WILL NOT BE CONSIDERED

IN CASES WHERE DIFFERENT DELIVERY POINTS INFLUENCE THE PRICING, A SEPARATE PRICING SCHEDULE MUST BE SUBMITTED FOR EACH DELIVERY POINT

Name of Bidder Bid Number						
Closin	g Time Closing	g Date				
OFFER	OFFER TO BE VALID FOR 90 DAYS FROM THE CLOSING DATE OF BID.					
ITEM NO.	QUANTITY DESCRIPTION	BID PRICE IN RSA CURRENCY **(ALL APPLICABLE TAXES INCLUDED)				
-	Required by:					
-	At:					
-	Brand and Model					
-	Country of Origin					
-	Does the offer comply with the specification(s)?	*YES/NO				
-	If not to specification, indicate deviation(s)					
-	Period required for delivery	*Delivery: Firm/Not firm				
-	Delivery basis					
Note:	All delivery costs must be included in the bid price, for delivery at the prescribed destination.					

<sup>\*\* &</sup>quot;all applicable taxes" includes value- added tax, pay as you earn, income tax, unemployment insurance fund contributions and skills development levies.

<sup>\*</sup>Delete if not applicable

SIGNATURE(S)OF AUTHORIZED PERSON		
<b>DATE:</b>		
	Name of	
	bidder	
	Name of authorized person (in block letters)	

#### MBD 4

#### **DECLARATION OF INTEREST**

- 1. No bid will be accepted from persons in the service of the state<sup>1</sup>.
- 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.

In order to give effect to the above, the following questionnaire must be completed and

sub	omitted 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 id 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.	

<sup>1</sup>MSCM Regulations: "in the service of the state" means to be –

(a) a member of -

3

- (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.
- <sup>2</sup> 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	e you been in the service of the state for the past twelve months?	YES / NO
	3.9.1	If yes, furnish particulars	
3.1	in the	ou have any relationship (family, friend, other) with persons e service of the state and who may be involved with evaluation and or adjudication of this bid?	YES/NO
	3.10	.1 If yes, furnish particulars.	
3.11	any oth	ou, aware of any relationship (family, friend, other) between ner bidder and any persons in the service of the state who e involved with the evaluation and or adjudication of this bid?	YES / NO
	3.11.1	If yes, furnish particulars	
3.12		y of the company's directors, trustees, managers, le shareholders or stakeholders in service of the state?	YES / NO
	3.12.1	If yes, furnish particulars.	
3.13	trustee	y spouse, child or parent of the company's directors es, managers, principle shareholders or stakeholders ice of the state?	YES/NO
	3.13.1	If yes, furnish particulars.	
3.14	princip have a	or any of the directors, trustees, managers, le shareholders, or stakeholders of this company any interest in any other related companies or ss whether or not they are bidding for this contract.	YES / NO
	3.14.1	If yes, furnish particulars:	

4	F		/ 4	/	/ shareholders.
4	FIIII detail	S OF AIRPOTORS	/ Triistaas /	/ memners .	/ snarenniners

Full Name	Identity Number	State Employee Number
Signature	I	Date

Signature	Date
Capacity	Name of Bidder

# DECLARATION OF BIDDER'S PAST SUPPLY CHAIN MANAGEMENT PRACTICES

- 1 This Municipal Bidding Document must form part of all bids invited.
- 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.
- 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).
- 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	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?	Yes	No
	(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).		
	The Database of Restricted Suppliers now resides on the National Treasury's website( <a href="www.treasury.gov.za">www.treasury.gov.za</a> ) and can be accessed by clicking on its link at the bottom of the home page.		
4.1.1	If so, furnish particulars:		
4.2	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)?	Yes	No
	The Register for Tender Defaulters can be accessed on the National Treasury's website ( <a href="www.treasury.gov.za">www.treasury.gov.za</a> ) by clicking on its link at the bottom of the home page.		
4.2.1	If so, furnish particulars:		
4.3	Was the bidder or any of its directors convicted by a court of law (including a court of law outside the Republic of South Africa) for fraud or corruption during the past five years?	Yes	No

4.3.1	If so, furnish particulars:			
T			<b>X</b> 7	N.T.
<b>Item</b> 4.4	Question  Does the bidder or any of its directors owe any municipal rate municipal charges to the municipality / municipal entity, or to / municipal entity, that is in arrears for more than three months.	any other municipality	Yes	No □
4.4.1	If so, furnish particulars:			
4.5	Was any contract between the bidder and the municipality / m other organ of state terminated during the past five years on ac perform on or comply with the contract?		Yes	No
4.7.1	If so, furnish particulars:			
CEI DEC I A AC'	CERTIFICATION  HE UNDERSIGNED (FULL NAME)  RTIFY THAT THE INFORMATION FURNISHE CLARATION FORM TRUE AND CORRECT.  CCEPT THAT, IN ADDITION TO CANCEL FION MAY BE TAKEN AGAINST ME SHOOVE TO BE FALSE.	D ON THIS  LATION OF A C		
 Sign	ature	Date	•••••	
 Posi	tion	Name of Bidder	•••••	

MBD9

#### CERTIFICATE OF INDEPENDENT BID DETERMINATION

- 1 This Municipal Bidding Document (MBD) must form part of all bids<sup>1</sup> invited.
- 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).<sup>2</sup> Collusive bidding is a *pe* se prohibition meaning that it cannot be justified under any grounds.
- 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.
  - 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.
  - In order to give effect to the above, the attached Certificate of Bid Determination (MBD 9) must be completed and submitted with the bid:
  - <sup>1</sup> Includes price quotations, advertised competitive bids, limited bids and proposals.
  - <sup>2</sup> 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 re	spect:
I certify, on behalf of:	that:
(Name of Ridder)	

- 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 consortium<sup>3</sup> 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.
- 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.

<sup>&</sup>lt;sup>3</sup> 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.

## MBD9

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

## PREFERENCE POINTS CLAIM FORM IN TERMS OF THE PREFERENTIAL PROCUREMENT REGULATIONS 2022

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

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

## 1. GENERAL CONDITIONS

- 1.1 The following preference point systems are applicable to invitations to tender:
  - the 80/20 system for requirements with a Rand value of up to R50 000 000 (all applicable taxes included).
- 1.2 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

$$Ps = 80\left(1 - \frac{Pt - P\min\square}{P\min\square}\right)$$

Where

Ps = Points scored for price of tender under consideration

Pt = Price of tender under consideration

Pmin = Price of lowest 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) (To be completed by the organ of state)	Number of points claimed (80/20 system) (To be completed by the tenderer)
Business owned by 51% or more  -Women	10	
SMME (EME or QSE) owned by 51% or more - Black People	10	
Total	20	

5.	DECLARATION WITH REGARD TO COMPANY/FIRM		
5.1 5.2 5.3	Name of company/firm  Company registration number:  TYPE OF COMPANY/ FIRM		
5.0	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]		

- 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:	



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## 1. SCOPE OF WORK

## Electrical works to be done at Fennell Depot

#### 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



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## 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.

#### 11. WORKING IN ELEVATED POSITIONS

JW shall not require or permit any person to work in an elevated position, and no person shall
work in an elevated position, unless such work is performed safely from a ladder or scaffolding, or
from a position where such person has been made as safe as if he were working from scaffolding.

#### 12 WORKING ON A LADDER

• An employer shall ensure that every ladder is constructed of sound material and is suitable for the purpose for which it is used, and is fitted with non-skid devices at the bottom ends and hooks or similar devices at the upper ends or of the stiles which shall ensure the stability of the ladder during normal use; or is so lashed, held or secured whilst being used as to ensure the stability of the ladder under all conditions and at all times.

## 13. WELDING, FLAME, CUTTING, SOLDERING AND SIMILAR OPERATIONS (If applicable)

• JW shall not require or permit welding or flame cutting operations to be undertaken, unless the contractor operating the equipment has been fully instructed in the safe operation and use of such equipment and in the hazards which may arise from its use and effective protection is provided and used for the eyes and respiratory system and, where necessary, for the face, hands, feet, legs, body and clothing of persons performing such operations, as well as against heat, incandescent or flying particles or dangerous radiation;



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 The Contractor must ensure that the workplace is effectively partitioned off where practicable and where not practicable all other persons exposed to the hazards are warned and provided with suitable protective equipment

#### 14.HOUSEKEEPING AND GENERAL SAFEGUARDING ON SITE

The contractor must ensure that suitable housekeeping is continuously implemented on each construction site, including:

- •The proper storage of materials and equipment.
- •The removal of scrap, waste and debris at appropriate intervals; ensuring that materials required for use, are not placed on the site so as to obstruct.
- •Means of access to and egress from workplaces and passageways.
- •Ensuring that materials which are no longer required for use, do not accumulate on and are removed from the site at appropriate intervals.
- •Ensuring that waste and debris are not disposed of from a high place with a chute, unless the chute complies with the requirements ensuring that a catch platform or net is erected above an entrance or passageway or above a place where persons work or pass under, or fencing off the danger area if work is being performed above such entrance, passageway, or place so as to ensure that all persons are kept safe in the case of danger or possibility of persons being struck by falling objects

#### 15.ELECTRICAL CONTRACTOR & RESPONSIBLITIES

- The principal contractor may not do electrical installation work as an electrical contractor unless that contractor has been registered as an electrical contractor in terms of the Regulation.
- •The principal contractor who does electrical installation work as an electrical contractor shall register annually in the form of Annexure 3 with the chief inspector or a person appointed by the chief inspector. An application for registration shall be accompanied by a prescribed fee.

#### 16.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:



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- o Audiograms.
- A cardio-respiratory examination
- Lung function tests.
- Eye/ sight tests.
- A general physical examination.
- o A review of previous medical history.
- Blood pressure tests
- Glucose tests
- Vaccinations (Hepatitis A & Typhoid)

#### 17.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.
- Employees must acknowledge the receipt of toolbox talks and this record must also be kept in the SHE file.

## **18.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 SIT



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## 19. 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.

#### **20.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.

## 21.NOTIFICATION OF CONSTRUCTION WORK

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

## 22.COMPLIANCE MONITORING

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

## 23.PROJECT COMPLETION

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



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Project details					
Project Scope: Repair of the vandalized equipment at the Head of Works MCC 1 & MCC 2, MV Substation 3, PLC					
Depot / Site / Department: Bushkoppie works Estimated duration: Three(3) months					
	Docur	ments required			
Letter of Good Standing	Yes	X	No	N/A	
SHE plan	Yes	X	No	N/A	
Risk Assessment	Yes	X	No	N/A	
Safe working Procedures	Yes	X	No	N/A	
Notification of Construction work	Yes	X	No	N/A	
Inspection registers	Yes	X	No	N/A	
Item	s requ	ired before star	ting		
Medicals	Yes	х	No	N/A	
Vaccinations	Yes		No X	N/A	
PPE (boots, hard hats, overall)	Yes	X	No	N/A	
Induction	Yes	X	No	N/A	
Approval from OHS	Yes	X	No	N/A	
APPOINT	MENT	S AND COMPE	TENCIES		
<u>C</u>	<u>onstru</u>	ction Superviso	<u>or</u>		
Appointment	Yes	X	No	N/A	
CV (and/ certificates)	Yes	X	No	N/A	
	<u>Safet</u>	ty Officer			
Appointment	Yes		No x	N/A	
CV (and/ certificates)	Yes		No x	N/A	
NB* Other appointments will be based on the number of employees on site as required by law.					



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## RETURNABLE ANNEXURE A: ACKNOWLEDGEMENT OF SHE SPECIFICATION & ANNEXURES

CONTRACTOR:	
documentation and confirm compliance. The Contracto contained within the followin  • Johannesburg War	by acknowledge that I have obtained copies of the following listed that I fully understand the contents thereof and the consequences of non-refurthermore reiterates its commitment to compliance of the requirements ag provided documentation:  ter SOC Ltd, Safety, Health & Environmental (SHE) Specification, neerisk assessment conducted for or on behalf of Johannesburg Water

CONTRACT MANAGER					
NAME	DESIGNATION	DATE	SIGNATURE		
CONTRACT SUPERVISO	R				
NAME	DESIGNATION	DATE	SIGNATURE		
WITNESS (1)					
NAME	DESIGNATION	DATE	SIGNATURE		
WITNESS (2)					
NAME	DESIGNATION	DATE	SIGNATURE		



HEALTH, SAFETY & ENVIRONMENTAL (SHE) SPECIFICATION: BASELINE RISK ASSESSMENT			
PROJECT NUMBER:	RFQ		
PROJECT LOCATION:	Bushkoppies WWTW		
PROJECT DESCR:	Repair of the vandalized equipment at the Head of Works MCC 1 & MCC 2, MV Substation 3, PLC Room and Emergency Generator at Bushkoppie Works for a period of three (3) months.		

## **ISSUE-BASED RISK ASSESSMENT**

Task	Hazard	Risk	Consequence	Rating	Controls
✓ Installation and joining of electrical cables.	✓ Live power ✓ Exposed electrical wires. ✓ Faulty wiring. ✓ Fire. ✓ Explosion.	<ul> <li>✓ Electrical shock.</li> <li>✓ Electrical burn.</li> <li>✓ Electrical contact.</li> <li>✓ Electrical fires.</li> <li>✓ Electrical arcing.</li> <li>✓ Unsafe cable joints.</li> <li>✓ Work carried out by an incompetent person.</li> <li>✓ Accidental Lockout procedure not implemented correctly.</li> <li>✓ Switch on while work is being carried out.</li> </ul>	✓ Fatality. ✓ Physical injuries. ✓ Damage to property.	Н	<ul> <li>✓ Isolate power when installing and joining cables.</li> <li>✓ Ensure that the task is undertaken by a qualified operative.</li> <li>✓ Wear correct PPE.</li> <li>✓ All employees must adhere to the rules and regulations.</li> <li>✓ Ensure that the lock-out procedure is adhered to.</li> </ul>
	✓ Mechanical tools/ equipment. ✓ Hand Tools.	<ul> <li>✓ Vibrations</li> <li>✓ Use of faulty tools.</li> <li>✓ Contact with rotating or moving parts.</li> </ul>	<ul><li>✓ Hand-Arm</li><li>Vibration</li><li>Syndrome.</li><li>✓ Noise induced</li><li>hearing loss.</li></ul>	н	<ul> <li>✓ Regular breaks and         rotations to reduce time         exposure to vibrations.</li> <li>✓ Faulty tools must be         removed from site.</li> </ul>

	√ Dust	<ul> <li>✓ Person not properly trained.</li> <li>✓ Blows and cuts.</li> <li>✓ Noise.</li> <li>✓ Flying particles.</li> </ul> ✓ Eye irritation.	✓ Physical injury		<ul> <li>✓ Ensure that safety covers/ guards are well secured before operating the tool/ eeuipment.</li> <li>✓ Use correct tools for each task.</li> <li>✓ Ensure all tools are checked before use.</li> <li>✓ Keep tools in a safe operating condition.</li> <li>✓ Ensure employees are issued with correct PPE such as the ear plugs, earmuffs, gloves and safety footwear.</li> </ul>
•		✓ Inhalation of dust.		M	✓ Ensure employees are issued with correct PPE such as the goggles and dust masks.
	✓ Improper housekeeping.	✓ Trips and falls.	✓ Physical injuries	М	<ul> <li>✓ Keep the site clear of         waste and scrap         material.</li> <li>✓ Housekeeping conditions         to be maintained daily.</li> </ul>
✓ Service and repair to generator.	✓ Faulty wiring.	✓ Electrocution. ✓ Electric shock. ✓ Fire	✓ Fatality. ✓ Physical injuries. ✓ Damage to property.	Н	✓ Ensure that the task is undertaken by a qualified operative. ✓ Avoid contact with terminals during operation.
	<b>√</b>	✓ Burn	✓ Physical injuries.	М	✓ Generator to cool before attempting any maintenance.

	✓ Flammable liquids.	✓ Explosion from fuel vapours.	✓ Physical injuries. ✓ Damage to property	Н	<ul> <li>✓ Stop the engine before refueling.</li> <li>✓ Avoid contact with fuel.</li> <li>✓ Avoid refueling while hot.</li> </ul>
	✓ Leaks and spills	✓ Slipping.	✓ Physical injuries.	M	✓ Ensure that the spill tray is provided during the maintenance.
	✓ Fumes	✓ Inhalation of fumes.	✓ Breathing difficulties.	Н	<ul><li>✓ Avoid fumes inhalation.</li><li>✓ Use in a well-ventilated area.</li></ul>
	✓ Rotating or moving parts.	✓ Entanglement and contact.	✓ Physical injuries.	М	<ul> <li>✓ Ensure employees are         issued with correct PPE.</li> <li>✓ Ensure that safety covers/         guards are well secured         before operating the         generator.</li> </ul>
	✓ Noise.	✓ Noise from the generator.	✓ Noise induced hearing loss.	Н	✓ Ensure employees are issued with correct PPE such as the ear plugs and earmuffs.
✓ Manual Handling.	✓ Heavy loads. ✓ Pulling heavy items.	<ul><li>✓ Back injuries.</li><li>✓ Back strain.</li></ul>	✓ Physical injuries.	М	<ul> <li>✓ Use of lifting equipment.</li> <li>✓ Ensure training on how to lift heavy load is conducted prior to the work.</li> <li>✓ Avoid repetitive handling.</li> </ul>
✓ Personal Protective Equipment.	<ul><li>✓ Use of incorrect PPE.</li><li>✓ Prolonged use of PPE.</li></ul>	✓ Trips and falls ✓ Slips ✓ Heat stress.	✓ Physical injuries. ✓ Poor health condition.	М	<ul> <li>✓ Wear proper PPE as identified in the Risk Assessment.</li> <li>✓ Ensure that PPE is inspected before use.</li> </ul>

## ✓ 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		