

Private Bag X8611 Groblersdal 0470, 3 West Street Groblersdal 0470 Tel : (013) 262 7300, Fax: (013) 262 3688 E-Mail : sekinfo@sekhukhune.co.za

APPOINTMENT OF PANEL OF SUITABLE SERVICE PROVIDERS FOR ELECTRO-MECHANICAL TERMS CONTRACT FOR SEKHUKHUNE DISTRICT MUNICIPALITY INFRASTRUCTURE AND WATER SERVICE DEPARTMENT AS AND WHEN THEIR SERVICES REQUIRED FOR THE PERIOD OF 36 MONTHS. BIB NO.: SK-8/3/1-03/2023/2024				
	NT DOCUMENT			
Registered Name of Bidder:				
Trading Name of Bidder:				
Registration No. of Entity:				
Postal address of Bidder:				
Contact Person:				
Tel. No:	E-mail Address:			
Cell No:	Fax No:			
Tender Amount:				
Technical Enquiries: Director: Infrastructure Water Services Mr Floyd Mashele	SCM Enquiries Manager : Supply Chain Unit Mr. Voster Masemola			
Sekhukhune District Municipality Private Bag X8611 Groblersdal 0270 Tel: (013) 262 7535 E-mail: Mashelef@sekhukhune.gov.za	Sekhukhune District Municipality Private Bag X8611 Groblersdal 0270 Tel: (013) 262 7656 E-mail: Masemolav@sekhukhune.gov.za			

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	- Documentation if Tender Exceeds R10 Million (Compulsory)	
	- Three years audited financial statements if the company is required by law .	
	- A certificate signed by the bidder certifying that the bidder has no undisputed	
	commitments for municipal services towards a Municipality or other service provide	er in
	respect of which Payment is overdue for more than 30 days in accordance with regu	ulation
	21 (ii).	
18.	MBD 6.1 preference points claim form in terms of the preferential procurement regulations 2022	39
	Declaration of Bidder's Past Supply Chain Management Practices (MBD8) (Compulsory)	
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21.	Rates and Taxes for both company and directors not in arrears for more than 30 days in	
	accordance with regulation 21 or proof of lease agreement including rates for the landlo	ord. In
	case where the Company or Director is registered in a rural area where the rates are not	: paid,
	please attach proof from Local Authority and Affidavit under oath indicating that there a	ire no
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22.	Valid Tax Clearance Certificate Issued by the South African Revenue Service or PIN issued	d by
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1. TENDER NOTICE AND INVITATION TENDERERS

MBD 1 INVITATION TO BID

YOU ARE HEREBY INVITED TO BID FOR APPOINTMENT OF PANEL OF SERVICE PROVIDERS FOR ELECTRO-MECHANICAL TERM CONTRACTS FOR SEKHUKHUNE DISTRICT MUNICIPALITY INFRASTRUCTURE AND WATER SERVICE DEPARTMENT AS AND WHEN YOUR SERVICES IS REQUIRED FOR THE PERIOD OF 36 MONTHS.

TENDER DETAILS						
TENDER NUMBER:	DER NUMBER: SK-8/3/1-03/2023/2024					
TENDER TITLE:	APPOINTMENT OF PANEL OF SUITABLE SERVICE PROVIDERS FOR ELECTRO- MECHANICAL TERMS CONTRACT FOR SEKHUKHUNE DISTRICT MUNICIPALITY INFRASTRUCTURE AND WATER SERVICE DEPARTMENT AS AND WHEN THEIR SERVICES REQUIRED FOR THE PERIOD OF 36 MONTHS.					
CLOSING DATE:	2023/06/21	CLOSING 7	IME:	11H00		
SITE MEETING:	DATE:	N/A	TIME:	N/A	COMPULSORY:	N/A
SITE MEETING ADDRESS:	N/A					•
CIDB GRADING REQUIRED:	2ME	LEVEL AND	CATEGOR	Y:	N/A	
BID BOX:	Situated at: Groblerse day, 7 days a week.	dal AB Sikhos	sana Fire Sta	tion, the bid	box is generally open	22 hours a
OFFER TO BE VALID FOR:	90	DAYS FRO	M THE CLOS	SING DATE	OF BID.	
TENDERER DETAILS (Please indica	ate postal address for	r all correspond	ondence rele	evant to this	s specific tender)	
NAME OF TENDERER:						
NAME OF CONTACT PERSON						
PHYSICAL ADDRESS:		POSTAL AI	DDRESS:			
TELEPHONE #:		FAX NO:				
E-MAIL ADDRESS:						
Total for Item 3 on page 87:						
DATE:						
SIGNATURE OF TENDERER:						
CAPACITY UNDER WHICH THIS BID IS SIGNED:						
PLEASE NOTE: 1. Tenders that are deposited in the incorrect box will not be considered.						
 Tender box deposit slot is 28cm x 2.5cm. Mailed, telegraphic or faxed tenders will not be accepted. 						
2. If the bid is late, it will not be accepted for consideration.						
5. Bids may only be submitted on the Bid Documentation provided by the Municipality.						
ENQUIRIES MAY BE DIRECTED TO	CONTACT	PERSON	TEL. NU	MBER		
TECHNICAL ENQUIRIES		Floyd Masi	nele	013 26	2 7535	
ENQUIRIES REGARDING BID	PROCEDURES &	H.L Nkadin	neng	013 262	7300	
COMPLETION OF BID DOCUMENTS		V. Masemo	la	013 262	7656	

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2. CHECKLIST

PLEASE ENSURE THAT THE FOLLOWING FORMS HAVE BEEN DULY COMPLETED AND SIGNED AND THAT ALL DOCUMENTS AS REQUESTED, ARE ATTACHED TO THE TENDER DOCUMENT:

Authority for Cignotony (Compulary)	1	1		I
Authority for Signatory (Compulsory)	YES		NO	
Contificate of Authority for Joint Venture (Communication Communication)	IEO		NU	
Certificate of Authority for Joint Venture (Compulsory where applicable)	VEC		NO	
Contification and identify decreases for divertors	YES		NO	
Certified copy of identity documents for directors	\/F0		NO	
0	YES		NO	
Compulsory Enterprise Questionnaire-SCHEDULE 1A (Compulsory)	\/=0		NO	
	YES		NO	
Copy of Company Registration Documents or CK1 for Close Corporations	\/=0		NO	
	YES		NO	
Form of offer to be properly signed (Compulsory)				
	YES		NO	
Declaration of Interest (MBD4) (Compulsory)				
	YES		NO	
MBD16 (Key Performance Indicators) - Is the form duly completed and signed?				
	YES		NO	
MBD 5 (required for evaluation)				
Documentation if Tender Exceeds R10 Million (Compulsory if	YES		NO	
Applicable) Three years audited financial statements (Compulsory if Applicable)				
-Three years audited financial statements (<i>Compulsory if Applicable</i>) -A certificate signed by the bidder certifying that the bidder has no undisputed				
commitments for municipal services towards a Municipality or other service provider				
in respect of which Payment is overdue for more than 30 days in accordance with				
regulation 21 (ii).				
Preference points claim form in terms of the preferential procurement regulations				
2022 (MBD 6.1)	YES		NO	
Declaration of Bidder's Past Supply Chain Management Practices	120		110	
(MBD8) (Compulsory)	YES		NO	
Certificate of Independent Bid Determination (MBD9) (Compulsory)	120		110	
Collineate of independent bid Determination (wibbs) (Compaisory)	YES		NO	
Rates and Taxes for both company and directors not in arrears for more than 30	120		110	
days or proof of lease agreement including rates for the landlord. In case where the	YES		NO	
Company or Director is registered in a rural area where the rates are not paid, please	IES		NO	
attach proof from Local Authority and Affidavit under oath indicating that there are				
no municipal rates payable (Compulsory)				
Valid Tax Clearance Certificate Issued by the South African Revenue Service. or PIN issued by SARS	VEC		NO	
•	YES		NO	
CSD Registration/CSD Summary Report (Compulsory)	\		NO	
11.17.0	YES		NO	
Liability Cover for 2 000 000.00	YES		YES	

Note:

The meaning of the cursive type for each Form is as follows:

• Compulsory: Documentation or Information that must be submitted with the tender (Failing to submit any if the document may result in the tender being deemed

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SIGNATURE	NAME (PRINT)	
CAPACITY	DATE	
NAME OF FIRM		

3. TENDER NOTICE & INVITATION TO TENDER

SK-8/3/1-03/2023/2024

APPOINTMENT OF PANEL OF SUITABLE SERVICE PROVIDERS FOR ELECTRO-MECHANICAL TERMS CONTRACT FOR SEKHUKHUNE DISTRICT MUNICIPALITY INFRASTRUCTURE AND WATER SERVICE DEPARTMENT AS AND WHEN THEIR SERVICES REQUIRED FOR THE PERIOD OF 36 MONTHS.

Tender documents, in English, are obtainable from Friday, 19 May 2023, at Bareki Mall Cnr. Van Riebeek and Chris Wild Street Sekhukhune District Municipality offices from Cashiers; Tel: 013 262 7300 between 07h30 and 16h30 upon payment of a tender participation fee of R1000-00 per set. Alternatively, the document may be downloaded free of charge from the website: www.etenders.gov.za.

Sealed tenders, with: "Tender No.: SK-8/3/1-03/2023/2024: Appointment of panel of suitable service providers for Electro-Mechanical for Sekhukhune District Municipality infrastructure and water services department for a contract period of thirty-six (36) months." clearly enclosed on the envelope, must be deposited in Tender Box at AB Sikhosana Fire station offices of Sekhukhune District Municipality, next to Groblersdal WTW. Bids may only be submitted on the bid documentation issued by Sekhukhune District Municipality.

The closing date and time of the tender is on 21 June 2023 at 11h00 and tenders will be opened in public immediately thereafter at AB Sikhosana Fire station offices of Sekhukhune District Municipality, next to Groblersdal WTW.

Tenders must be valid for 90 days after the closing date. Tender shall be evaluated in terms of the Preferential Procurement Regulations, 2022 may claim preference points in terms of Specific Goals.

Sekhukhune District Municipality does not bind itself to accept the lowest or any tender and reserves the right to accept any tender, as it may deem expedient. Tenders are subject to the General Conditions of Contract and the Supply Chain Management Policy of Sekhukhune District Municipality.

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	4. TENDER DATA
Clause #	
."	The Conditions of Tender are the Standard Conditions of Tender as contained in Annexure F of the September 2015 edition of the CIDB Standard for Uniformity in Construction Procurement (Board Notice 187 of 2015 - refer to www.cidb.org.za).
	The Standard Conditions of Tender for Procurement make several references to the Tender Data for details that apply specifically to this tender.
	The Tender Data shall have precedence in the interpretation of any ambiguity or inconsistency between it and the standard conditions of tender.
	Each item of data given below is cross-referenced to the clause in the Standard Conditions of Tender to which it mainly applies.
F.1.1	General: The Employer is Sekhukhune District Municipality, as stipulated in the Tender Notice and Invitation to Tender as on page 6 of this document.
	Tender documents: The tender documents issued by the Employer comprise:
F.1.2	PART T1: TENDERING PROCEDURES T1.1: Tender Notice and Invitation to Tender T1.2: Tender Data
	PART T2: RETURNABLE DOCUMENTS T2.1: List of Returnable Documents T2.2: Returnable Schedules PART C1: AGREEMENTS AND CONTRACT DATA C1.1: Form of Offer and Acceptance C1.2: Contract Data C1.3: Form of Guarantee
	C1.4: Adjudicator's Agreement (if applicable) PART C2: PRICING DATA C2.1: Pricing Instructions
	C2.1: Pricing Instructions C2.2: Bills of Quantities PART C3: SCOPE OF WORKS C3 Scope of Work C3.1 Description of the Works
	PART C4: CONDITIONS OF CONTRACT
F.1.2	Communication and employer's agent: The employer has no agent acting on it's behalf for the purpose of this tender. The employer's representative for the purpose of communication between the employer and bidders is: Name: Mr Floyd Mashele
	Address: Sekhukhune District Municipality PO Box 8116 Groblersdal, 0720 Tol: (012) 363 7535
	Tel: (013) 262 7535 E-mail: MasheleF@sekhukhune.gov.za Only information issued formally in writing to bidders by the employer's representative will be regarded as amendments to the tender document
F1.5.	add the following to clause F1.5.1. Sekhukhune District Municipality reserves the right to accept all, some, or none of the bids received – either wholly or in part – and it is not obliged to accept the lowest or any bid.

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F.2.1 **Eligibility:**

F.2.1. Add the following:

Only those bidders who also satisfy the following criteria are eligible to submit tenders:

F.2.1.3 Registration as Service Provider:

Only those bidders who are registered and verified on Central Supplier Database as service providers or are capable of being so registered prior to the evaluation of submissions, are eligible to submit bids.

The Employer will only enter into a formal contract with a bidder who is registered on Sekhukhune District Municipality's Suppliers Database as a service provider.

F.2.1.2 Local office:

In order to be considered for an appointment in terms of this tender, bidders must have an office in the Limpopo, through which all communication with the employer will flow, and where the majority of work in terms of this tender will be carried out. The physical address of the local office must be indicated certified proof of residence, as well as the preferred domicilium citandi et executandi for the purposes of any contract arising from this tender submission.

F.2.1.5 Key personnel:

The following personnel certified qualifications and cv must be attached as the work team to assist the bidder to execute task of the bidder and available for the envisaged appointments:

- Millwright who is a registered apprentice for Mechanical and Electrical with at least five years verifiable post graduate experience in the Electrical and Mechanical field. The person must demonstrate competence in Electro-Mechanical experience and qualification and/or completion of relevant courses. The Millwright must have acted as the "Millwright" after completing trade test with Electrical and Mechanical Works within the last three years.
- 2. <u>A Fitter and Turner</u> who is a registered apprentice for Mechanical with at least five years verifiable post graduate experience in the Mechanical field. The person must demonstrate competence in Fitter and Turning experience and qualification and/or completion of relevant courses. The Fitter and Turner must have acted as the "Fitter and Turner after completing trade test with Fitter and turning Works within the last three years.
- 3. <u>Boiler Marker</u> who is a registered apprentice for boiler Marking with at least five years verifiable post graduate experience in the Boiler Marking field. The person must demonstrate competence in Boiler Marking experience and qualification and/or completion of relevant courses. The Boiler Marker must have acted as the "Boiler Marker after completing trade test with Boiler Marking Works within the last three years.
- 4. <u>Electrician</u> who is a registered apprentice for Electrical with at least five years verifiable post graduate experience in the Electrical field. The person must demonstrate competence in Electrical experience and qualification and/or completion of relevant courses. The Electrician must have acted as the "Electrician after completing trade test with Electrical Works within the last three years.

F.2.1.6 Functionality Evaluation:

Bids will be subjected to a Functionality evaluation process, based on specific quality criteria. Only bidders who attain a minimum score of 70 points or more for quality will be considered for further evaluation. Bids that score less than 70 points will be rejected as non-responsive.

F.2.7 Clarification meeting:

There will be no bid clarification meeting.

F.2.13 If, a tenderer wishes to submit an alternative offer, the only criteria permitted for such alternative tender offer is that it demonstrably satisfies the Employer's standards and requirements, the details of which may be submitted to SDM infrastructure and water services.

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	Calculations, drawings and all other pertinent technical information and characteristics, as well as modified or proposed Pricing Data must be submitted with the alternative tender offer to enable the Employer to evaluate the efficacy of the alternative and its principal elements, to take a view on the degree to which the alternative complies with the Employer's standards and requirements and to evaluate the acceptability of the pricing proposals. Calculations must be set out in a clear and logical sequence and must clearly reflect all design assumptions. Pricing Data must reflect all assumptions in the development of the pricing proposal. Acceptance of an alternative tender offer will mean acceptance in principle of the offer. It will be an obligation of the contract for the tenderer, in the event that the alternative is accepted, to accept full responsibility and liability that the alternative offer complies in all respects with the Employer's standards and requirements. The modified Pricing Data must include an amount equal to 5% of the amount tendered for the alternative offer to cover the Employer's costs of confirming the acceptability of the detailed design before it is constructed			
F.2.13	Submitting a bid: F.2.13.3 Each tender offer communicated on paper shall be submitted as an original, plus 0 (zero) copies. F.2.13.2 The tender shall be signed by a person duly authorized to do so. Bids submitted by joint ventures of two or more firms shall be accompanied by the document of formation of the joint venture, authenticated by a notary public or other official deputed to witness sworn statements, in which is defined precisely the conditions under which the joint venture will function, its period of duration, the persons authorized to represent and obligate it, the			
	participation of the several firms forming the joint venture, and any other information necessary to permit a full appraisal of its functioning.			
	F.2.13.5 The employer's address for delivery of bids and identification details to be shown on each tender offer			
	package is: Location of tender box: Sekhukhune District Municipality, AB Sikhosana Fire Station, Groblersdal next			
	to WTW, Identification Details: TENDER No. SK-8/3/1-03/2023/2024: APPOINTMENT OF PANEL OF SUITABLE			
	SERVICE PROVIDERS FOR ELECTRO-MECHANICAL TERMS CONTRACT FOR SEKHUKHUNE DISTRICT			
	MUNICIPALITY INFRASTRUCTURE AND WATER SERVICE DEPARTMENT AS AND WHEN THEIR SERVICES			
	REQUIRED FOR THE PERIOD OF 36 MONTHS.			
	F.2.13.6 A two-envelope procedure will not be followed.			
F.2.14	F.2.13.6 A two-envelope procedure will not be followed. The closing time for submission of tender offers is stated in the Tender Notice/ Invitation to Tender			
F.2.15	F.2.13.6 A two-envelope procedure will not be followed. The closing time for submission of tender offers is stated in the Tender Notice/ Invitation to Tender Telephonic, telegraphic, telex, facsimile or e-mailed tender offers will not be accepted			
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F.2.15 F.2.16	F.2.13.6 A two-envelope procedure will not be followed. The closing time for submission of tender offers is stated in the Tender Notice/ Invitation to Tender Telephonic, telegraphic, telex, facsimile or e-mailed tender offers will not be accepted Tender offer validity: The tender offer validity period is 90 days			
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F.2.15 F.2.16 F.2.17	F.2.13.6 A two-envelope procedure will not be followed. The closing time for submission of tender offers is stated in the Tender Notice/ Invitation to Tender Telephonic, telegraphic, telex, facsimile or e-mailed tender offers will not be accepted Tender offer validity: The tender offer validity period is 90 days Clarification of tender offer after submission: Add the following to F.2.17: A tender may be rejected as non-responsive if the bidder fails to provide any clarification requested by the employer within the time for submission stated in the employer's written request. The tenderer is required to submit the following certificates with his tender: 1. A certificate certifying that the enterprise has no undisputed commitments to a municipality or other service provider in respect of which payment is overdue by more than 30 days 2. A particulars of any contracts awarded by an organ of state during the last five years including particulars of any material non-compliance or dispute concerning their execution over this period (if >R10 000 incl. VAT); 3. A valid Tax Clearance Certificate issued by the South African Revenue Services or SARS verification number			
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above.

Bids will be considered non-responsive if, inter alia: - the bid does not comply with the eligibility criteria listed in F2.1



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- the bidder has failed to clarify issues, or to submit any supporting documentation, within the time for submission

stated in the employer's written request.

- the bid failed to score the minimum points of 70 points in the pre-qualification evaluation for functionality/quality.

F3.11 The procedure for the evaluation of responsive tenders is Quality/functionality and Preference. Evaluation of Bid offers:

F.3.11.5

Add the following:

The procedure for the evaluation of responsive tenders will be Method 2: Preferences and quality, where quality will be assessed for functionality purposes.

Evaluation stages:

Stage 1: Process screening (i.e. general completeness) and responsiveness;

Stage 2: Functionality evaluation in terms of minimum threshold for functionality. The functionality evaluation will be subdivided into the following evaluation categories:

Company's relevant experience

Key Personnel

Relevant experience the minimum number of functionality points is 70 points out of 100. Tender offers that fail to score this minimum number of functionality points will be rejected. Refer to the Functionality Evaluation guide sheet, and Returnable schedules on pages 72 to 81 for detail on the submissions required to score points for quality. Bidders are advised to carefully study this sheet and schedules, to ensure that sufficient relevant information is provided for each discipline/category tendered for. Tenderers that fail to supply the information requested in any of the schedules with their tender offers will score zero on Quality/Functionality points in the particular regard.

F3.12 Tenderers are advised to study: when completing Schedule and claiming points.

F.3.13 **DOCUMENTS TO SUBMIT**

- 1. Valid Tax Clearance Certificate;
- 2. Proof of Company registration documents
- 3. Proof that Municipal Rates are not in arrears for more than thirty (30) days for the company.
- 4. Proof that Municipal Rates are not in arrears for more than 30 days for directors of the company.
- 6. Joint Venture agreement If applicable
- 7. Authority of signatory
- 8. The bidder should submit three years audited annual financial statement if applicable
- 9.Minimum 2ME CIDB grading.

TENDER OFFERS WILL ONLY BE ACCEPTABLE ON CONDITION THAT THE:

- a) The tender offer is signed by a person authorized to sign on behalf of the Tenderer.
- b) A valid tax Clearance Certificate is included with this tender.
- c)Tenderer's declaration of compliance with the Occupational Health and Safety Act No. 85 of 1993 and the Tenderer's health and safety plan, is included with his tender submission.
- d)A Tenderer who submitted a tender as a Joint Venture has included an acceptable Joint Venture agreement with this tender.
- e)The Tenderer or a competent authorized representative of the Contractor who submitted the tender has attended the compulsory clarification meeting or site inspection.
- f)The Tenderer or any of its principals is not listed on the register of Tender Defaulters in terms of the Prevention and Combating of corrupt Activities Act of 2004 as a person prohibited from doing business with the public sector.
- g)The Tenderer has not abused the Employer's Supply Chain Management System or has failed to perform on any previous contract and has been given a written notice to this effect.
- h)The Tenderer or any of its principals, directors or managers in not employed in the service of the State or any municipality. In the event that such principals are involved, official approval from the Executing Authority regarding carrying out remunerative work outside of the public service must be included in the tender submission.

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i)The Employer is satisfied that the Tenderer or any of his principals have not influenced the tender offer and acceptance by the following criteria:

i. Having offered, promised or given a bribe or other gift or remuneration to any person in connection with the obtaining or execution of this Contract.

ii. Having acted in a fraudulent or corrupt manner in obtaining or executing this Contract;

iii. Having approached an officer or employee of the Employer or the Employer's Agent with the objective of influencing the award of a Contract in the Tenderer's favour.

iv. Having entered into any agreement or arrangement, whether legally binding or not, with any other person, firm or company to refrain from Tendering for this Contract or as to the amount of the Tenderer to be submitted by either party.

v. Having disclosed to any other person, firm or company other than the Employer, the exact or approximate amount of his proposed Tender.

vi.The Employer may, in addition to using any other legal remedies, repudiate the Tender offer and acceptance and declare the Contract invalid should it have been concluded already.

F.4	Additional Conditions of Tender:
	The additional conditions of tender are:
F.4.1	Invalid bids:
	Bids shall be considered invalid and shall be endorsed and recorded as such in the bid opening record, by the responsible
	official who opened the bid, in the following circumstances:
	(a) if the tender offer is not submitted on the Pricing Schedule bound into this tender document (page 87);
	(b) if the tender is not completed in non-erasable ink;
	(c) if the offer has not been signed;
	(d) if the offer is signed, but the name of the bidder is not stated or is unrecognizable;
	(e) If masking fluid has been used to make corrections on the tender document.
F.3.18.	Copies of the contract
	Add the following:
	The number of paper copies of the signed contract to be provided by die Employer is one
	The contract period is three years from the date of appointment with an option for extension.

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5. RETURNABLE DOCUMENTS

- T2.1 List of Returnable Documents
- T2.2 Returnable Schedules

NAME (PRINT):		
SIGNATURE:	NAME OF FIRM:	
CAPACITY:	DATE:	

6. LIST RETURNABLE DOCUMENTS

The following documents are to be completed and returned as they constitute the tender. Whilst many of the returnable are required for the purpose of evaluating the tenders, some will form part of the subsequent contract, as they form the basis of the tender offer. For this reason, it is very important that the tenderer return **all information requested.**

T2.2 List of Returnable Schedules

Z.Z LISI	to i Neturnable officules			
1.	Authority for Signatory (Compulsory)			
2.	Certificate of Authority for Joint Venture (Compulsory where applicable)			
3.	Certified copy of identity documents for directors (Compulsory)			
4.	Compulsory Enterprise Questionnaire-SCHEDULE 1A (Compulsory)			
5.	Copy of Company Registration Documents or CK1 for Close Corporations			
6.	Form of offer to be properly signed (Compulsory)			
7.	Declaration of Interest (MBD4) (Compulsory)			
8.	MBD 5 (required for evaluation)			
	Documentation if Tender Exceeds R10 Million (Compulsory)			
	-Three years audited financial statements (Compulsory).			
	-A certificate signed by the bidder certifying that the bidder has no undisputed commitments for municipal services			
	towards a Municipality or other service provider in respect of which Payment is overdue for more than 30 days in			
	accordance with regulation 21 (ii).			
10.	Declaration of Bidder's Past Supply Chain Management Practices			
	(MBD8) (Compulsory)			
11.	Certificate of Independent Bid Determination (MBD9) (Compulsory)			
13.	Rates and Taxes for both company and directors not in arrears for more than 30 days or proof of lease agreement			
	including rates for the landlord. In case where the Company or Director is registered in a rural area where the rates are			
	not paid, please attach proof from Local Authority and Affidavit under oath indicating that there are no municipal rates			
	payable (Compulsory)			
14.	Valid Tax Clearance Certificate Issued by the South			
	African Revenue Service or PIN issued by SARS			

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15.	CSD Registration/CSD Summary Report
16.	Proof of Liability Cover (insurance) with a registered financial services provider for 2 000 000.00

7. EVALUATION CRITERIA

- Bidders must provide sufficient information to qualify for pre-qualification points in respect of Functionality/Quality, regarding the company as it pertains to the Local Office addressing the following: -
 - 1.1. Physical address / Background / Organization / Management
 - 1.2. Fields of activity / expertise
 - 1.3. Staffing / Human Resources
 - Bidders shall also provide proof of residence as it pertains to the Local Office.

Received Responsive Bids will be evaluated based on the following criteria:

• STAGE 1: SCREENING PROCESS

- -Compliance with all standard bidding documents, and such documents must be signed by a duly authorized representative
 - Tax matters will also be reviewed as to whether a SARS verification number and valid tax clearance certificate has been submitted at closing date and time of the bid.

• STAGE 2: FUNCTIONALITY EVALUATION

Only bidders that have met the pre-qualification process will be evaluated for functionality. At this phase, the evaluation process will be based on the bidder's responses in respect of the bid proposal (evaluated on the minimum functional terms of reference). Bidders who score a minimum point of 70 points or more out of 100 percent on functionality will be eligible for the award of the tender.

ITEM	WEIGHT
STAGE 1 OF EVALUATION- FUNCTIONALITY	
FUNCTIONALITY	100
1 PREVIOUS EXPERIENCE OF THE COMPANY	10
(Attach appointment letter, completion certificate or proof that the project was completed successfully)	
1.1 One(1) to three(3) years previous working experience in repairing, installation, and refurbishment of electrical panels, pumps and motors for water services infrastructure.	3
Three(3) to five (5) years previous working experience in repairing, installation, and refurbishment of electrical panels, pumps and motors for water services infrastructure.	5

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1.2 Five (F) years and above previous weaking a supplier as a remaining	10
1.3 Five (5) years and above previous working experience in repairing,	10
installation, and refurbishment of electrical panels, pumps and motors for	
water services infrastructure.	
NB: The bidders must submit proof of completed projects with completion	
certifiactes	
2 FITTER AND TURNER (TRADE TEST)	10
Certified Trade Test certificate must be attached	
2.1 Below three 3 years practical experience	3
2.2 Above 3 to 5 years practical experience	5
3.3 Above 5 years practical experience	10
5.5 Above 5 years practical experience	10
3 BOILER MARKER	10
3 BOILER MARKER	10
Certified Trade Test certificate must be attached	
3.1 Below three 3 years practical experience	3
3.2 Above 3 to 5 years practical experience	5
3.3 Above 5 years practical experience	10
4 ELECTRICIANS	10
Certified Trade Test certificate must be attached	
4.1. Below three 3 years practical experience	3
4.2. Above 3 to 5 years practical experience	5
4.3. Above 5 years practical experience	10
4.3. Above 5 years practical experience	10
5 MILLWRIGHTS	10
5 WILLVYRIGHTS	10
Certified Trade Test certificate must be attached	
5.1 Below three 3 years practical experience	3
50.00	
5.2 Above 3 to 5 years practical experience	5
5.3 Above 5 years practical experience	10
NB:Team members must submit certified copies of qualifications.	
6 LOCALITY	10
0 LOCALITI	10
6.1. Bidders residing within Sekhukhune District	10
Municipality.	
6.2. Bidders residing within Limpopo province outside	5
Sekhukhune District Municipality	
Sektuktiune District Wuriicipality	
6.3 Bidders residing outside Limpopo province	2
7 WORKSHOP AVAILABILTY	
Didden must have a maney and full function Machanian and Florida	40
Bidders must have a proper and full function Mechanical and Electrical	40
Workshop: (Bid evaluation committee members to verify before awarding the contract) and Safety file should be in order. Bidders must attach ISO 9001:2000	
with compliance certificate. Equipment will be verified on the visit.	
man compliance ceramoute. Equipment will be refilled on the visit.	

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POINTS WILL BE ALLOCATED AS PER THE AVAILABILTY OF	F THE
FOLLOWINGS :-	
7.1 Proper Workshop register for ISO 9001:2000 with compliance certificate	20
7.2 Pump Pressure Compression Testing Rig	10
7.3 Electro Technical/Mechanical repairs machine to check the vibration and balancing of the pumps	10
TOTAL	100

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8. TERMS OF REFERENCE BACKGROUND, OBJECTIVES AND SCOPE OF WORK

Sekhukhune District Municipality (SDM) is both Water Services Authority and Water Services Provider (WSP) in other areas of its operations. The Municipality has an obligation to provider sustainable and uninterrupted water supply for the consumers within its area of jurisdiction. The Operation and Maintenance is a division within the department of Infrastructure and Water Services (IWS) which plays an important role in ensuring the sustainability of the water infrastructure assets for the provisioning of dignified basic water supply as mandated by the Constitution. The division is obliged to operates and maintain number of Water Services Infrastructure including but not

limited to the following:-

- Water Treatment Works
- Boreholes
- Booster pump stations
- Wastewater Treatment Works

The O&M section is required to operate and maintain all above-mentioned assets and respond abruptly to reported breakdown which requires urgent attention. The appointment of panel of Electro-Mechanical service providers on term contracts will assist in respond to reported incidents abruptly as and when the breakdowns occur. This will assist to shorten the lengthy procurement process when breakdowns or incidents arises. Their services will be as and when required.

The Electro-Mechanical panel of service providers will assist on the supply, repairs, replacement, refurbishment, installation and alignment pumps, rewind of burnt motors and wiring of control box for our components.

EMPLOYER"S OBJECTIVE

Sekhukhune District Municipality's objective with this bid process is to procure competent service providers on terms contract to assist the Infrastructure Water Services Department in terms on technical expertise to efficiency and effectively respond to Electromechanical breakdowns within the district for existing infrastructure assets.

The appointed service provider will assist with the refurbishment, repairs and maintenance of the following activities: - Water Treatment Works, Wastewater Treatment Works, boreholes and Booster pump station.

1. SCOPE OF WORK

The scope of work for the appointed service provider is to the supply and deliver, install, repair, refurbishment and replacement of borehole elements, pumps and motors, panel box for below mentioned components within Sekhukhune District Municipality: -

- Water Treatment Works,
- Wastewater Treatment Works,
- Booster pump stations and
- Boreholes.

4.1 Electrical Works

- Trenching and laying of MV (Up to 22kV) & LV cables
- > Testing and repair of electrical equipment that has failed, i.e. DB's,

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circuit breakers, Light fittings, socket outlets, cables etc.

- > Attend to emergency call-outs;
- > Repair electrical motors, test and switch ON.
- Repair standby generator plants and associated Automatic Mains Failure (AMF) panels, change-over DB's, contactors and alternators.
- > Execute Works as per SANS 10141-1 or other applicable standards
- Execute all electrical works as directed by the employer issued orders , these may be repairs, additions or new installations.
- Electronic (Security) Works

2. Mechanical Works

- Repair standby generator plants and associated mechanical engines and diesel tanks
- Execute all mechanical works as directed by the employer issued Task Orders, these may be repairs, additions or new installations.

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9. KEY PERSONNEL

The bidder is referred to clause F.2.1.5 of the Tender Data and shall insert in the spaces provided below details of the key personnel required to be in the employment of the bidder for the bidder to be eligible to submit a tender. **The Curriculum Vitae of everyone** must be appended to this schedule.

7.1 Millwright with trade test (registered apprentice for Mechanical and

Electrical)

Responsible to read diagrams and schematic drawings and service manuals to determine work procedures, operate rigging equipment and dollies to place heavy machinery and parts, fit bearings, align gears and shafts, attach motors, and connect couplings and belts to precise tolerances, align and test equipment, and make any necessary adjustments, perform predictive and operational procedures, repair or replace defective parts, service and repair hydraulic and pneumatic systems, and may do some tack welding (a weld that is adequate in size to temporarily hold components in place until it can be completely welded by a registered apprentice welder or a journeyman welder) and fabrication as well as maintain an inventory of replacement parts.

7.2. Fitter And Turner with trade test (registered apprentice for Mechanical)

- Cutting, grinding, and shaping metal and other materials.
- Interpreting diagrams, drawings, specifications and plans to determine suitable material and sequence of operations.
- Operating specialised tools and machinery.
- Assembling fabricated parts to produce products, tools and machines.
- Following safety protocols.
- Diagnosing and repairing faults with tools and machinery and performing regular maintenance.
- Setting up tools and machinery for fabrication process, including guides, stops and other controls.
- Monitoring fabrication process and adjusting settings when necessary

7.3. Boiler Marker with trade test (registered apprentice for Welding)

Responsible for the maintenance and repair of assets that may last for over 50 years. This includes ongoing inspections and the replacement of valves, fittings, feed pumps, and other boiler components. Some boilers are so large a crane must be used to move pieces while the boiler is being assembled, and a boilermaker must direct the crane operator to lift the parts into their proper place.

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7.4. Electrician with trade test (registered apprentice for Electrical)

Responsible to carry out the scheduling, installation, maintenance, and repair of all electrical equipment, including motors and associated control equipment including actuators and MV equipment situated at the Electro- Mechanical section. Keep abreast of, and where possible, implement new technology to ensure continuous, reliable, and safe supply of services and availability of plant. Monitor and implement safety requirements of all Electrical Installations, facilities, and staff in compliance with OHAS act including safety notices at all electrical installations, firefighting equipment and lifting equipment at the works. Carry out standby duties and after-hours duties as required and report and record all faults that occurred after hours to assist management with reducing future un-necessary overtime.

NAME (PRINT):		
SIGNATURE:	NAME OF FIRM:	
CAPACITY:	DATE:	

Experience of Company

Bidder to list all the work carried out before of the same nature. The bidder can refer to company profile if the projects are categorically sorted

No	Project description	Project Amount	Year Completed	Client Name	Contact Person & contact
					number for reference
1					
'					
2					
3					
4					
5					

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6			
7			
8			
9			
10			

NAME (PRINT):		
SIGNATURE:	NAME OF FIRM:	
CAPACITY:	DATE:	

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10. AUTHORITY OF SIGNATORY						
1. SOLE PROPRIETOR (SINGLE OWNER BUSINESS) AND NA	TIIRAI PERS	SON				
1.1. I,, the undersigned, hereby co				the sole	owner of	the business
trading as				110 0010	0111101 01	
OR						
1.2. I,, the undersigned, hereby of	confirm that I	am				
submitting this tender in my capacity as natural person.						
2. COMPANIES AND CLOSE CORPORATIONS						
2.1. If a Bidder is a COMPANY, a certified copy of the resolution	by the board	of dire	ectors, du	ly signed, a	authorisin	g the person
who signs this bid to do so, as well as to sign any contract resulting	•					• .
in connection with this bid and/or contract on behalf of the compa	any must be s	ubmitt	ed with th	nis bid, that	t is, befor	e the closing
time and date of the bid	·					_
2.2. In the case of a CLOSE CORPORATION (CC) submitting a b	id, a resolutio	n by it	s membe	rs, authoriz	ing a mer	nber or other
official of the corporation to sign the documents on their behalf, sh	all be include	d with	the bid.			
PARTICULARS OF RESOLUTION BY BOARD OF DIRECTORS	OF THE COI	MPAN	Y/MEMB	ERS OF TH	IE CC	
Date Resolution was taken						
Resolution signed by (name and surname)						
Capacity						
Name and surname of delegated Authorised Signatory						
Capacity						
Specimen Signature						
Date Resolution was taken						
	•					
Full name and surname of ALL Director(s) / Member (s)						
1.	2.					
3.	2.					
5.	6.					
7.	8.					
10.						
Is a CERTIFIED COPY of the resolution attached?	·		YES		NO	
SIGNED ON BEHALF OF COMPANY / CC			DATE			
PRINT NAME:						
WITNESS 1		WITNE	SS 2			

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11. CERTIFICATE OF AUTHORITY FOR JOINT VENTURES

This returnable schedule is to be completed by JOINT VENTURES

the r./Ms	•	are	submitting	this	tender	offer	in	joint	venture	and	hereby	authorize
orized	signatory		of	the	Com	npany/Cl	ose		Corporation acting in the		•	name) I partner, to
n all doc	uments in connec	ction wi	th the tende	r offer a	nd any cor	ntract res	ulting				·	•
) Name	of firm (Lead part	ner)										
ddresse	S											
									Tel:			
Signature	1								Designa	tion:		
ii) Name	of firm											
Addresse	S											
	_								Tel:			
Signature	1								Designa	ation:		
iii) Name												
Addresse	S											
									Tel:			
Signature									Designa	ation:		
iv) Name	of											
Addresse	S											
	-								Tel:			
Signature	ı								Designa	ition:		
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	ppy of the Joint ' hall be appende		_		y Silowili	y trie pe	rcem	age co	ili ibulion	oi eaci	i partiler ti	o the John
) CERTIF	FICATE FOR SO	LE PRO	<u> PRIETOR</u>									
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2	
Date	

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12. CERTIFIED COPY OF IDENTITY DOCUMENTS FOR DIRECTORS

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13. COMPULSORY ENTERPRISE QUESTIONNAIRE

The following particulars must be furnished. In the case of a joint venture, separate enterprise questionnaires in respect o partner must be completed and submitted.					res in respect of each	
Section 1: Name of enterprise:						
Section 2: VAT re	egistration number, if any	y:				
Section 3: CIDB	registration number:					
Section 2: Partic	ulars of sole proprietors	partnerships				
Name*		Identity num	ber*	Personal income	tax number*	
* Complete only if	sole proprietor or partnersh	hip and attach se	parate page if more than	3 partners	_	
Section 5: Particulars of companies and close corporations						
Company registration	number					
Close corporation nur	mber					
Tax reference number						
	of service of the state					
	he relevant boxes with a concluder in a company or clos					
a member of any r	nunicipal council			provincial department, national or or constitutional institution within the inance Management Act, 1999 (Act 1		
a member of any p	provincial legislature					
a member of the N	National Assembly or the N	of 1999)		manos managoment res, 1995 (ret 1		
of Province	, , , , , , , , , , , , , , , , , , ,					
a member of the b	oard of directors of any mu	unicipal entity a member of an acco		ounting authority of any national or		
If any of the above b	ooxes are marked, disclos	se the following:	(insert separate page if	necessary)		
		Name of institution, public office, board or organ of state and position held		(tick appropriat	of service e column)	
shareholder or st				Current	Within last 12 months	
					7	
* Insert separate page	e if necessary					

Section 7: Record of spouses, children and parents in the service of the state

Indicate by marking the relevant boxes with a cross, if any spouse, child or parent of a sole proprietor, partner in a partnership or director, manager, principal shareholder or stakeholder in a company or close corporation is currently or has been within the last 12 months been in the service of any of the following:

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a member of any municipal council		an employee of any		
a member of any provincial legislature		provincial public entity of meaning of the Public Fi		
a member of the National Assembly or the of Province	e National Council	of 1999)		
a member of the board of directors of any	municipal entity	a member of an accorprovincial public entity	unting authorit	y of any national or
an official of any municipality or municipal	entity	an employee of Parliame	ent or a provinc	ial legislature
		titution, public office,	Status (tick approp	of service riate column)
Name of spouse, child or parent	held	n of state and position	Current	Within last 12 months
* Insert separate page if necessary				
The undersigned, who warrants that he/she is	duly authorised to	do so on behalf of the ente	erprise:	
confirms that the neither the name of the ent partly exercises, or may exercise, control over the Prevention and Combating of Corrupt Action confirms that no partner, member, director or cappears, has within the last five years been confirms that I / we are not associated, linked relationship with any of the tenderers or thos	er the enterprise ap ivities Act of 2002; other person, who we convicted of fraud of or involved with an	ppears on the Register of T holly or partly exercises, or r corruption; y other tendering entities s	ender Defaulte may exercise, ubmitting tende	control over the enterpriser offers and have no other
conflict of interest; confirms that the contents of this questionna	·			·
correct.				
Signed	D	ate		
Name	P	osition		
* The schedule should be used where tenders a	are subject to the lo	ocal Government: Municipa	l Finance Mana	agement Act
PARTNERSHIP				
We, the undersigned partners in the busine	ess trading as		hereb	y authorize Mr/Ms
	to sign this	bid as well as any contra	ct resulting fro	m the bid and any
other documents and correspondence in connectorship.	ection with this bid	and /or contract for and o	on behalf of th	e abovementioned
Γhe following particulars in respect of every partr	ner must be furnish	ed and signed by every pa	rtner:	

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		Si	gnature
SIGNATURE ON BEHALF OF		DATE:	
PARTNERSHIP:			
PRINT NAME:			
WITNESS 1:		WITNESS 2:	
nv other documents and corresponder			esulting from this tender and behalf of the consortium.
The following particulars in respect of ea	ice in connection with this tender an ach consortium member must be pro	d / or contract for and or ovided and signed by ea	n behalf of the consortium. ch
any other documents and corresponder The following particulars in respect of ea member: Full Name of Consortium Member	ice in connection with this tender an ach consortium member must be pro	d / or contract for and or ovided and signed by ea	behalf of the consortium.
The following particulars in respect of eamember:	ice in connection with this tender an ach consortium member must be pro	d / or contract for and or ovided and signed by ea	n behalf of the consortium. ch
The following particulars in respect of eamember:	ice in connection with this tender an ach consortium member must be pro	d / or contract for and or ovided and signed by ea	n behalf of the consortium. ch
The following particulars in respect of eamember:	ice in connection with this tender an ach consortium member must be pro	d / or contract for and or ovided and signed by ea	n behalf of the consortium. ch
The following particulars in respect of eamember:	ice in connection with this tender an ach consortium member must be pro	d / or contract for and or ovided and signed by ea	n behalf of the consortium. ch
The following particulars in respect of ear member:	ice in connection with this tender an ach consortium member must be pro	d / or contract for and or ovided and signed by ea	n behalf of the consortium. ch
The following particulars in respect of eamember:	ice in connection with this tender an ach consortium member must be pro	d / or contract for and or ovided and signed by ea	n behalf of the consortium. ch
The following particulars in respect of exmember: Full Name of Consortium Member	ice in connection with this tender an ach consortium member must be pro	d / or contract for and or ovided and signed by ea	n behalf of the consortium. ch

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14. COPY OF COMPANY REGISTRATION DOCUMENTS OR CK1 FOR CLOSE CORPORATIONS

Important note to Tenderer: certified copies (Not older than three months from tender closing date) of Registration Certificates for Companies, Close Corporations and Partnerships, or Agreements and Powers of Attorney for Joint Ventures, or ID documents for Sole Proprietors, all as referred to in the foregoing forms and must be inserted here)

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15. FORM OF OFFER AND ACCEPTANCE

1. OFFER

The employer, identified in the acceptance signature block, has solicited offers to enter a contract for the APPOINTMENT OF PANEL OF SUITABLE SERVICE PROVIDERS FOR ELECTRO-MECHANICAL TERMS CONTRACT FOR SEKHUKHUNE DISTRICT MUNICIPALITY INFRASTRUCTURE AND WATER SERVICE DEPARTMENT AS AND WHEN THEIR SERVICES REQUIRED FOR THE PERIOD OF 36 MONTHS

The tenderer, identified in the offer signature block, has examined the documents listed in the tender data and addenda thereto as listed in the tender schedules, and by submitting this offer has accepted the conditions of tender.

By the representative of the tenderer, deemed to be duly authorized, signing this part of this form of offer and acceptance, the tenderer offers to perform all of the obligations and liabilities of the Contractor under the contract including compliance with all its terms and conditions according to their true intent and meaning for an amount to be determined in accordance with the Conditions of Contract identified in the Contract Data.

The offered total	of the prices inclusive of Value-Added Ta	ax is:	
		Rand (in words);	R(in figures)
one copy of this do	e accepted by the employer by signing the a ocument to the tenderer before the end of the y named as the contractor in terms of t	period of validity stated	in the tender data, whereupon the tendere
Signature(s)			
Name(s)			
Capacity			
for the Tenderer	(Alexander Herritage)		
	(Name and address of organization)		
Name and Signat	ure of witness		
Date			

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2. ACCEPTANCE

By signing this part of this form of offer and acceptance, the employer identified below accepts the tenderer's offer. In consideration thereof, the employer shall pay the contractor the amount due in accordance with the conditions of contract identified in the contract data. Acceptance of the tenderer's offer shall form an agreement between the employer and the tenderer upon the terms and conditions contained in this agreement and in the contract that is the subject of this agreement. The terms of the contract are contained in

Part C1: Agreements and contract data (which includes this agreement)

Part C2: Pricing data

Part C3: Scope of work.

Deviations from and amendments to the documents listed in the tender data and any addenda thereto, as listed in the tender schedules as well as any changes to the terms of the offer agreed by the tenderer and the employer during this process of offer and acceptance, are contained in the schedule of deviations attached to and forming part of this agreement. No amendments to or deviations from said documents are valid unless contained in this schedule.

The tenderer shall, within two weeks after receiving a completed copy of this agreement including the schedule of deviation (if any), contact the employer's agent (whose details are given in the contract data) to arrange the delivery of any bonds, guarantees, proof of insurance and any other documentation to be provided in terms of the conditions of contract identified in the contract data. Failure to fulfil any of the obligations in accordance with those terms shall constitute a repudiation of this agreement.

Notwithstanding anything contained herein, this agreement comes into effect on the date when the tenderer receives one fully completed original copy of this document, including the schedule of deviations (if any). Unless the tenderer (now contractor), within five (5) working days of the date of such receipt, notifies the employer in writing of any reason why he cannot accept the contents of this agreement, this agreement shall constitute a binding contract between the parties.¹

Signature(s)		
Name(s)		
Capacity		
for the Employer	(Name and address of organization)	
Name and signature of wi	tness	
Date		

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16. DECLARATION OF INTEREST - MBD 6.2

- 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 and/or take an oath declaring his/her interest.
- 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 he

3.1	Full Name of bidder or his or her representative							
3.2	Identity Number							
3.3	Position occupied in the Company (director, trustee, hareholder ²):							
3.2	Company Registration Number:							
3.5	Tax Reference Number							
3.6	VAT Registration Number							

3.7	Are you presently in the service of the state?	YES	No	
3.71	If so, furnish particulars:			
				_
3.8	Have you been in the service of the state for the past twelve months?	YES	NO	
3.8.1	If so, furnish particulars:			

- 1 MSCM Regulations: "in the service of the state" means to be –
- 1. a member of -
- i. any municipal council; ii. any provincial legislature; or iii. the National Assembly or the National Council of Provinces;
- 2. a member of the board of directors of any municipal entity;
- 3. an official of any municipality or municipal entity;
- 2. 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);
- 5. a member of the accounting authority of any national or provincial public entity; or
- 6. 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

Initial:	
----------	--

(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	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	
3.91	If so, furnish particulars:			

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3.10	Are any of the company's directors, managers, principal shareholders or stakeholders in the service of the state?	YES	No	
3.10.1	If so, furnish particulars:			
3.11	Are any of the company's directors, managers, principal shareholders or stakeholders in the service of the state?	YES	No	
3.11.1	If so, furnish particulars:			
3.12	Is any spouse, child or parent of the company's directors, managers, principal shareholders or stakeholders in the service of the state?	YES	No	
3.12.1	If so, furnish particulars:			
3.13	Do you or any of the directors, trustees, managers, principal 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	
3.13.1	If so, furnish particulars:			
3.12	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	

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17.MBD 5 DECLARATIONS FOR PROCUREMENT ABOVE R10 MILLION (ALL APPLICABLE TAXES INCLUDED)

[If the value of the transaction is expected to exceed R10 million (VAT included) the tenderer is required by law to prepare annual financial statements for auditing, the AUDITED ANNUAL FINANCIAL statements for the LATEST past three years, or since the Tenderer's establishment (if established during the past three years) must be attached to this schedule. Failure to submit the above shall invalidate the tender]

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17.MBD 5 DECLARATIONS FOR PROCUREMENT ABOVE R10 MILLION (ALL APPLICABLE TAXES INCLUDED)

For all procurement expected to exceed R10 million (all applicable taxes included), bidders must complete the following questionnaire:

1 Are you by law required to prepare annual financial statements for auditing? YES / NO

	1.1 If yes, submit audited annual financial statements for the past three years or since the date of establishment if established during the past three years.	
1	Do you have any outstanding undisputed commitments for municipal services towards any municipality for more than three months or any other service provider in respect of which payment is overdue for more than 30 days? YES / NO	·e
1.1	If no, this serves to certify that the bidder has no undisputed commitments for municipal services towards any municipality for more than three months or other service provider in respect of which payment is overdufor more than 30 days.	ıe
1.2	If yes, provide particulars.	
2	Has any contract been awarded to you by an organ of state during the past five years, including particulars of ar material non-compliance or dispute concerning the execution of such contract? YES / NO	ıy

2.1 If yes, furnish particulars

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 Will any portion of goods or services be sourced from outside the Republic, *YES / NO
if so, what portion and whether any portion of payment from the municipality / municipal entity is expected to be transferred out of the Republic?
2.1 If yes, furnish particulars

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18.MBD 6.1 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); and
 - the 90/10 system for requirements with a Rand value above R50 000 000 (all applicable taxes included).

1.2 To be completed by the organ of state

The applicable preference point system for this tender is the 80/20 preference point system.

- a) The 80/20 preference point system will be applicable in this tender. The lowest/ highest acceptable tender will be used to determine the accurate system once tenders are received.
- 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.
- 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

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- (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

3.2. FORMULAE FOR DISPOSAL OR LEASING OF STATE ASSETS AND INCOME GENERATING PROCUREMENT

3.2.1. POINTS AWARDED FOR PRICE

A maximum of 80 or 90 points is allocated for price on the following basis:

80/20

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

Where:

Ps = Points scored for price of tender under consideration

Pt = Price of tender under consideration

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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:
- 4.2. In cases where organs of state intend to use Regulation 3(2) of the Regulations, which states that, if it is unclear whether the 80/20 preference point system applies, an organ of state must, in the tender documents, stipulate in the case of—
 - (a) an invitation for tender for income-generating contracts, that either the 80/20 or preference point system will apply and that the highest acceptable tender will be used to determine the applicable preference point system; or
 - (b) any other invitation for tender, that either the 80/20 preference point system will apply and that the lowest acceptable tender will be used to determine the applicable preference point system, then the organ of state must indicate the points allocated for specific goals for 80/20 preference point system.

Table 1: Specific goals for the tender and points claimed are indicated per the table below.

The 80/20 preference points system will be used for the acquisition of services, works \or goods up to and including a value of R50 000 000.00.

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. (90/10 system) (To be completed by the organ of state)	Number of points allocated. (80/20 system) (To be completed by the organ of state)	Number of points claimed. (90/10 system) (To be completed by the tenderer)	Number of points claimed. (80/20 system) (To be completed by the tenderer)
HDI Specific Goals	10	20		
1 Not having voting rights prior 1994.	6	12		
2 Woman – ownership of more than 50%	1	2		
Disability ownership of more than 50%	1	2		
HDI youth	1	2		
Locality within SDM jurisdiction	1	2		
TOTAL	10	20		

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Non-c	omplian	t Bidder		0		0			
	DECL	ARATIO	N WITH	REGARD TO C	OMPANY	//FIRM			•
4.3.	Nar	me of cor	npany/fir	m					
4.4.	Cor	mpany re	gistratior	n number:					
4.5.	TYI	PE OF C	OMPAN	// FIRM					
		Partr	nership/J	oint Venture / C	onsortium	1			
		One-	person b	ousiness/sole pr	opriety				
		Close	e corpora	ation					
		Publi	ic Compa	any					
		Pers	onal Liab	oility Company					
			Limited	, , ,					
			Profit Co	mpanv					
				Company					
		CK APPLIC							
4.6.	l, th	ne unders	signed, v e specific	· vho is duly auth				ompany/firm, certify that pany/ firm for the prefere	•
	i)	The info	ormation	furnished is true	e and cori	rect;			
	ii)	The pre form;	eference	points claimed a	are in acco	ordance with the C	General (Conditions as indicated in	paragraph 1 of this
	iii)		tor may	-		•		ed as shown in paragrap isfaction of the organ of s	
	iv)							nt basis or any of the co ther remedy it may have	
		(a)	disqua	alify the person t	from the t	endering process			
		(b)	recove		or dama	ges it has incurre	ed or suf	fered as a result of that	person's
		(c)				any damages whi nents due to such		s suffered as a result of hation;	naving to
		(d)						olders and directors, or pasis, be restricted from o	•

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forward the matter for criminal prosecution, if deemed necessary.

partem (hear the other side) rule has been applied; and

(e)

business from any organ of state for a period not exceeding 10 years, after the audi alteram



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	SIGNATURE(S) OF TENDERER(S)
SURNAME AND NAME: DATE:	
ADDRESS:	

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20. MBD 8. DECLARATION OF BIDDER'S PAST SUPPLY CHAIN MANAGEMENT PRACTICES

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:

abused the municipality's / municipal entity's supply chain management system or committed any improper conduct in relation to such system;

been convicted for fraud or corruption during the past five years;

willfully neglected, reneged on or failed to comply with any government, municipal or other public sector contract during the past five years; or

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 2002).

In order to give effect to the above, the following questionnaire must be completed and submitted with the bid.

Item	Question	Yes	No
2.1	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	□ Z
	(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 audi alteram partem rule was applied).		
	The Database of Restricted Suppliers now resides on the National		
	Treasury's website(<u>www.treasury.gov.za</u>) and can be accessed by clicking		
	on its link at the bottom of the home page.		



2.1.1	If so, furnish particulars:		
2.2	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 2002)? 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.	Yes	S
2.2.1	If so, furnish particulars:		
2.3	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 🗆
2.3.1	If so, furnish particulars:		
Item	Question	Yes	No
2.2	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	No
2.2.1	If so, furnish particulars:		
2.5	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	No \square
2.7.1	If so, furnish particulars:	•	



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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 CONTR. THIS DECLARATION PROVE TO BE FALSE.	ACT, ACTION MAY BE TAKEN AGAINST ME SHOULD
Signature	Date
Position	Name of Bidder



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21. MBD 9. CERTIFICATE OF INDEPENDENT BID DETERMINATION

- 1 This Municipal Bidding Document (MBD) must form part of all bids¹ invited.
- Section 2 (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.
- 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:
- 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.
- In order to give effect to the above, the attached Certificate of Bid Determination (MBD 9) must be completed and submitted with the bid:

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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



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21. MBD 9. CERTIFICATE OF INDEPENDENT BID DETERMINATION

(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 t	to be true and complete in every respect:
I certify, on behalf of:	that:
	(Name of Bidder)
I have read and I understand the contents of this Certif	iicate;
I understand that the accompanying bid will be disquali	ified if this Certificate is found not to be true and complete in every respect;
I am authorized by the bidder to sign this Certificate, ar	nd to submit the accompanying bid, on behalf of the bidder;
Each person whose signature appears on the accompa	anying bid has been authorized by the bidder to determine the terms of, and
to sign, the bid, on behalf of the bidder;	

(a) has been requested to submit a bid in response to this bid invitation;

or organization, other than the bidder, whether or not affiliated with the bidder, who:

I, the undersigned, in submitting the accompanying bid:

(b) could potentially submit a bid in response to this bid invitation, based on their qualifications, abilities or experience; and

For the purposes of this Certificate and the accompanying bid, I understand that the word "competitor" shall include any individual

(c) provides the same goods and services as the bidder and/or is in the same line of business as the bidder

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.

In particular, without limiting the generality of paragraphs 6 above, there has been no consultation, communication, agreement or arrangement with any competitor regarding:

prices;

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



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(f) bidding with the intention not to win the bid.

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.

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



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23. MUNICIPAL RATES AND TAXES

Rates and Taxes for both company and directors not in arrears for more than one months in accordance with regulation 38 or proof of lease agreement including rates for the landlord. In case where the Company or Director is registered in a rural area where the rates are not paid, please attach proof from Local Authority and Affidavit under oath indicating that there are no municipal rates payable.

Failure to submit the above will invalidate the tender

- a) Letter from the Landlord should stipulate the office space leased and the payment status of the service charges.
- b) A letter from a TRIBAL AUTHORITY / COUNCIL should be drawn in the name of the bidder and stipulate the location and the rates status of the ward.



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24. TAX CLEARANCE CERTFICATE REQUIREMENTS

- 1. The taxes of the successful bidder must be in order, or that satisfactory arrangements have been made with the Receiver of Revenue to meet his / her tax obligations.
- 2. Bidder must attach a valid Tax Clearance Certificate issued by South Africa receive of revenue (SARS) for Tax Compliance Status or verification Pin issued by SARS, failure to submit the valid Tax Clearance Certificate or SARS verification Pin will invalidate the bid.
- **3.** In bids where Consortia / Joint Ventures / Sub-contractors are involved each party must submit a separate SARS Tax Compliance document.



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25. PROOF OF CSD REGISTRATION /CSD SUMMARY REPORT

Bidders MUST attach a RECENT (not older than thirty days from tender closing date)



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PRICING DATA AND FORM OF OFFER



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26.PRICING INSTRUCTIONS

PRICING INSTRUCTIONS

The bill of quantity will be on quantity as one (1) and Price. Bidder are requested to fill the price as the Municipality are going to use them when preparing the standard rates.

NAME (PRINT):		
SIGNATURE:	NAME OF FIRM:	
CAPACITY:	DATE:	



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27. PRICING SCHEDULE

INDEX OF PRICE SCHEDULES

PART 6

SCHEDULE 1 : SMALL & MEDIUM SIZE ELECTRICAL PANELS

SCHEDULE 2 : ELECTRICAL MOTORS

SCHEDULE 3 : BALL VALVES

SCHEDULE 4 : BUTTERFLY VALVES (WAFER TYPE

SCHEDULE 5 : BUTTERFLY VALVES (DOUBLE FLANGED)

SCHEDULE 6 : WATERWORKS GATE VALVES

SCHEDULE 7 : RESILIENT SEAL GATE VALVES AND SUPPLY OF ALL MATERIAL

SCHEDULE 8 : WAFER PATTERN CHECK VALVES AND THE SUPPLY OF ALL MATERIAL

SCHEDULE 9 : HYDRAULIC FLOW CONTROL VALVES AND THE SUPPLY OF ALL MATERIAL

SCHEDULE 10 : SURGE ANTICIPATING CONTROL VALVE

SCHEDULE 11 : PUMP (CENTRIFUGAL, AXIAL FLOW, HORIZONTAL SPLITS, DUAL STAGE)

SCHEDULE 12 : DOSING (CHEMICAL) AND THE SUPPLY OF ALL MATERIAL

SCHEDULE 13 : DOSING (CHEMICAL) AND THE SUPPLY OF ALL MATERIAL

SCHEDULE 14 : <u>DAYWORKS</u>

SCHEDULE 15 : SUPPLY HANDLE AND DELIVER SMALL & MEDIUM SIZE ELECTRICAL PANELS

SCHEDULE 16 : SUPPLY HANDLE AND DELIVER ELECTRICAL MOTORS



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SCHEDULE 1: SMALL & MEDIUM SIZE ELECTRICAL PANELS

ITEM NO.	DESCRIPTION	UNIT	QTY	PRICE	TOTAL PRICE
1.1	Testing of earthing installation for the electrical panel:				
1.1.1	Test earthing of distribution panel back to main earth point (per panel)	no	1	R	R
1.1.2	Testing of earth connections at light fittings, power points, motors and instrumentation (per circuit)	no	1	R	R
1.2	Supply and installation of earthing materials to obtain proper earthing of installation from panel. Installation in conduit, wiring trunking, building trench or ground: (Excavations measured separately)				
1.2.1	2,5mm ² bare copper or insulated earth wire	m	1	R	R
1.2.2	2mm ² bare copper or insulated earth wire	m	1	R	R
1.2.3	6mm ² bare copper or insulated earth wire	m	1	R	R
1.2.4	10mm ² bare copper or insulated earth wire	m	1	R	R
1.2.5	16mm ² bare copper or insulated earth wire	m	1	R	R
1.2.6	25mm ² bare copper or insulated earth wire	m	1	R	R
1.2.7	35mm ² bare copper or insulated earth wire	m		R	R
1.2.8	50mm ² bare copper or insulated earth wire	m	1	R	R
1.2.9	70mm ² bare copper or insulated earth wire	m	1	R	R
1.2.10	2,5mm ² earth wire end lugged and connected	no	1	R	R
1.2.11	2mm ² earth wire end lugged and connected	no	1	R	R
1.2.12	6mm ² earth wire end lugged and connected	no	1	R	R
1.2.11	10mm ² earth wire end lugged and connected	no	1	R	R
1.2.13	16mm ² earth wire end lugged and connected	no	1	R	R
1.2.14	25mm ² earth wire end lugged and connected	no	1	R	R



ITEM NO.	DESCRIPTION	UNIT	QTY	PRICE	TOTAL PRICE
1.2.15	35mm ² earth wire end lugged and connected	no	1	R	R
1.2.16	50mm ² earth wire end lugged and connected	no	1	R	R
1.2.17	70mm ² earth wire end lugged and connected	no	1	R	R
1.2.18	1,8 m copper clad steel core earth rod installed in ground, complete with clamp and connections.				
		no	1	R	R
1.2.19	5 x 25 mm copper earth strap installed on surface of structure or cable ladders, including fixings	m	1	R	R
1.3	Supply and installation of 600/1 000 V. grade PVC PVC SWA PVC cable in trench or in ground. Fixings or excavations as well as cable ends are measured elsewhere				
1.3.1	1,5 mm ² 3 or 2 core armoured	m	1	R	R
1.3.2	2,5 mm ² 3 or 2 -core armoured.	m	1	R	R
1.3.3	1,5mm ² 7-core armoured	m	1	R	R
1.3.4	2 mm ² 2 core armoured	m	1	R	R
1.3.5	6 mm ² 2 -core armoured.	m	1	R	R
1.3.6	10 mm ² 2 core armoured	m	1	R	R
1.3.7	16 mm ² 2 core armoured	m	1	R	R
1.3.8	25 mm ² 2 -core armoured.	m	1	R	R
1.3.9	35 mm ² 2 core armoured	m	1	R	R
1.3.10	50 mm ² 2 core armoured	m	1	R	R
1.3.11	70 mm ² 2 core armoured	m	1	R	R
1.3.12	95 mm ² 2 core armoured	m	1	R	R
1.3.13	120 mm ² 2 core armoured	m	1	R	R
3.3.14	150 mm ² 2 core armoured	m	1	R	R
1.3.15	185 mm² 2 core armoured	m	1	R	R
			1	.`	. `



ITEM NO.	DESCRIPTION	UNIT	QTY	PRICE	TOTAL PRICE
1.4	Supply and installation of 600/1 000 V. grade PVC PVC SWA PVC cable ends complete with lugs, connections to motor terminals, stub bars, small terminals, etc., (include for labels, wire number markers and testing)				, MOL
1.4.1	1,5 mm ² 3 or 2 core armoured	no	1	R	R
1.4.2	2,5 mm ² 3 or 2 -core armoured.	no	1	R	R
1.4.3	1,5mm ² 7-core armoured	no	1	R	R
1.4.4	2 mm ² 2 core armoured	no	1	R	R
1.4.5	6 mm ² 3 -core armoured.	no	1	R	R
1.4.6	10 mm ² 2 core armoured	no	1	R	R
1.4.7	16 mm ² 2 core armoured	no	1	R	R
1.4.8	25 mm ² 3 -core armoured.	no	1	R	R
1.4.9	35 mm ² 2 core armoured	no	1	R	R
1.4.10	50 mm ² 2 core armoured	no	1	R	R
1.4.11	70 mm ² 2 core armoured	no	1	R	R
1.4.12	95 mm ² 2 core armoured	no	1	R	R
1.4.13	120 mm ² 2 core armoured	no	1	R	R
1.4.12	150 mm ² 2 core armoured	no	1	R	R
115	185 mm ² 2 core armoured	no	1	R	R
1.5	Cable Trenches Excavation, laying 150 mm bedding, backfilling in 150mm layers, and stabilising to original stability of cable trench. (660mm wide x 1m deep):				
1.5.1	Hard rock	m³	1	R	R
1.5.2	Soft rock	m³	1	R	R
1.5.3	Soil	m ³	1	R	R
1.6	General maintenance of electrical equipment as per Section 3 of the maintenance specification				



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ITEM NO.	DESCRIPTION	UNIT	QTY	PRICE	TOTAL PRICE
1.6.1	Clean inside and outside of panel (per panel)	no	1	R	R
1.6.2	Tighten all connections in panel (per panel)	no	1	R	R
3.6.3	Tighten connections in lock stop button box (per box)	no	1	R	R
1.6.4	Tighten connections in remote stop-start station box (per box)	no	1	R	R
1.6.5	Tighten connections in motor connection box, including thermal sensor wiring terminals	no	1	R	R
1.6.6	Tighten connections at instrument terminals (per instrument)	no	1	R	R
1.6.7	Repair ends of damaged conductors due to overheating at circuit breakers, contactors, overloads or motor terminals, including installation of ferrules, lugs, heat shrink materials or insulated sleeving:				
	(a) Conductor sizes up to 16 mm², per terminal	no	1	R	R
	(b) Conductor sizes from 25 mm ² to 50 mm ² , per terminal	no	1	R	R
1.6.8	Testing of single phase or three phase earth leakage unit	no	1	R	R
1.6.9 1.6.10	Testing of under/over voltage relay or phase monitor relay per unit Checking of all voltmeters and voltmeter switches for correct operation	no no	1	R R	R R
1.6.11	Logging of all motor running hour meter readings and trip data of electronic motor protection units on a site (per site)	no	1	R	R
1.6.12	Checking of all indicator lamps on panel	no	1	R	R
1.6.13	Replacement of indicator lamps as follows:				
	(a) Incandescent lamps per lamp (b) LED type removable lamp (c) LED type, whole unit	no no no	1 1 1	R R R	R R R
1.6.14	Checking of all instrumentation fuses on a site (per site)	no	1	R	R
1.6.15	Replacement of blown fuses as follows:				
	(a) HRC up to 10 A	no	1	R	R
	(b) HRC above 10A and up to 32 A	no	1	R	R



ITEM NO.	DESCRIPTION	UNIT	QTY	PRICE	TOTAL PRICE
1.6.16	Checking of all lightning arrestors on a site (per site)	no	1	R	R
1.6.17	Replacing of lightning arrestors as follows:				
	(a) Class 2 over voltage surge arrestors - 275V MOV type - 20 kA fault rating	no	1	R	R
	(1)	no	1	R	R
	fault rating (c) Class 2 overvoltage surge arrestors - 275V MOV type - 100 kA fault rating	no	1	R	R
	(d) IT Blitzductor surge arrestor -22V	no	1	R	R
1.7	Megger testing of 600/ 1000 V cables with both ends of cables disconnected for the following sizes of cable :				
	(a) Cables with 3 to 7 cores up to 2,5mm² per cable	no	1	R	R
	(b) Cable with 3 or 2 cores from 2mm² to 25mm² (c) Cable with 3 or 2 cores from 35mm² to 50mm²	no no	1	R R	R R
1.8	Supply and installation of PVC warning tape in top 300 mm of trench backfill	m	1	R	R
1.9	Supply and fitting of cable labels on ends of cable with strap-on				
	type label with up to 10 digits on label (per label0	no	1	R	R
1.10	<u>Testing and checking of motors</u> of all sizes and comparing current readings with current rating of motor and logging of data as follows per motor:				
1.10.1	Megger between phases and phases and phases to earth and log data (per motor0	no	1	R	R
1.10.2	Measuring line currents of motor and logging data (per motor)	no	1	R	R
1.11	Maintenance of panels executing the following various tasks per unit of equipment :				
1.11.1	Inspecting all circuit breakers and testing to see that circuit breakers can handle the current of the particular circuit without tripping				
	under normal load conditions and under transient conditions of motors starting				
	for all sizes and types of circuit breakers, single pole and triple pole, as well as				
	checking for overheating of circuit breakers (per panel)	no	1	R	R



ITEM NO.	DESCRIPTION	UNIT	QTY	PRICE	TOTAL PRICE
1.11.2	contactor)	no	1	R	R
1.11.3	Checking that overloads are of correct rating and that setting is correct for the rating of the motor protected with the overload. Also check for malfunctioning of overload and nuisance tripping as well as overheating of overloads. Check that overload is not set for " Auto" reset. (per panel)	no	1	R	R
1.11.4	Checking and setting of star-delta starter timer for proper changeover of star-to-delta (per timer)	no	1	R	R
1.12	Installation of Circuit breakers Supply, installation, connection, testing and commissioning of the following circuit breakers for distribution boards or motor controls: (per circuit breaker)				
1.12.1	100 A TP on-load isolator	no	1	R	R
1.12.2	100 - 250 A TP on-load isolator	no	1	R	R
1.12.3	150A TP MCB (5kA)	no	1		
1.12.4	500 A TP mcb (15 kA)	no	1	R	R
1.12.5	750 A TP mcb (25kA)	no	1	R	R
1.12.6	1000 A TP ACB - Fixed (65kA) (with tripping unit similar to MicroLogix 2)	no	1	R	R
1.12.7	1500 A TP ACB - Withdrawable (65kA) (with tripping unit - similar to MicroLogix 2)	no	1	R	R
1.12.8	2000 A TP ACB - Withdrawable (65kA) (with tripping unit - similar to Micrologix 2)	no	1	R	R
1.13	Installation of Electronic Overload Relays				
	Supply, installation, connection, testing and commissioning of the following protection relays for distribution boards or motor controls:				
1.13.1	Similar or equal to Newelec KC25 with door mounted reset and no CT's	no	1	R	R



ITEM NO	DESCRIPTION	UNIT	QTY		TOTAL
			QII		PRICE
1.13.2	Similar or equal to Newelec KC50 with door mounted reset and 3 x50/5A CT's	no	1	R	R
1.13.4	Similar or equal to Newelec KC200 with door mounted reset and 3 x200/5A CT's	no	1	R	R
1.13.5	Similar or equal to Rockwell Automation 825-P with line voltage card	no	1	R	R
	Similar and equal to Rockwell Automation 825-MCM180 CT installed in busbars	no	1	R	R
1.13.7	Similar and equal to Rockwell Automation 825-MCM220 CT installed in busbars	no	1	R	R
	Similar and equal to Rockwell Automation 825-MCM630 CT installed in busbars	no	1	R	R
1.14	Installation of Contactors and Components				
1.14	Supply, installation, connection, testing and commissioning of the following equipment for distribution boards or motor controls.				
1.14.1	Complete New Contactor for:				
	(a) 2 to 5,5kW AC-3 rating contactor	no	1	R	R
	(b) 7,5 to 11kW AC-3 rating contactor	no	1	R	R
	(c) 11 to 15kW AC-3 rating contactor	no	1	R	R
	(d) 18,5kW AC-3 rating contactor	no	1	R	R
	(e) 22kW AC-3 rating contactor	no	1	R	R
	(f) 30kW AC-3 rating contactor	no	1	R	R
	(g) 37kW AC-3 rating contactor	no	1	R	R
	(h) 25kW AC-3 rating contactor	no	1	R	R
	(i) 55kW AC-3 rating contactor	no	1	R	R
	(j) 75kW AC-3 rating contactor	no	1		R
	(k) 90kW AC-3 rating contactor	no	1	R	R
	(I) 110kW AC-3 rating contactor	no	1	R	R



ITEM NO.	DESCRIPTION	UNIT	QTY	PRICE	TOTAL PRICE
	(m) 132kW AC-3 rating contactor	no	1	R	R
	(n) 150kW AC-3 rating contactor	no	1	R	R
	(o) 185kW AC-3 rating contactor	no	1	R	R
	(o) 220kW AC-3 rating contactor	no	1	R	R
1.15	Replacing contactor contacts per set of three for the following sizes:				
	(a) 2 to 5,5kW AC-3 rating contactor	set	1	R	R
	(b) 7,5 to 11kW AC-3 rating contactor	set	1	R	R
	(c) 11 to 15kW AC-3 rating contactor	set	1	R	R
	(d) 18,5kW AC-3 rating contactor	set	1	R	R
	(e) 22kW AC-3 rating contactor	set	1	R	R
	(f) 30kW AC-3 rating contactor	set	1	R	R
	(g) 37kW AC-3 rating contactor	set	1	R	R
	(h) 25kW AC-3 rating contactor	set	1	R	R
	(i) 55kW AC-3 rating contactor	set	1	R	R
	(j) 75kW AC-3 rating contactor	set	1	R	R
	(k) 90kW AC-3 rating contactor	set	1	R	R
	(I) 110kW AC-3 rating contactor	set	1	R	R
	(m) 132kW AC-3 rating contactor	set	1	R	R
	(n) 150kW AC-3 rating contactor	set	1	R	R
	(o) 185kW AC-3 rating contactor	set	1	R	R
	(o) 220kW AC-3 rating contactor	set	1	R	R
1.16	Replacing contactor coil in the following sizes of contactors:				
	(a) 2 to 5,5kW AC-3 rating contactor	no	1	R	R



ITEM NO.	DESCRIPTION	UNIT	QTY		TOTAL PRICE
	(b) 7,5 to 11kW AC-3 rating contactor	no	1	R	R
	(c) 11 to 15kW AC-3 rating contactor	no	1	R	R
	(d) 18,5kW AC-3 rating contactor	no	1	R	R
	(e) 22kW AC-3 rating contactor	no	1	R	R
	(f) 30kW AC-3 rating contactor	no	1	R	R
	(g) 37kW AC-3 rating contactor	no	1	R	R
	(h) 25kW AC-3 rating contactor	no	1	R	R
	(i) 55kW AC-3 rating contactor	no	1	R	R
	(j) 75kW AC-3 rating contactor	no	1	R	R
	(k) 90kW AC-3 rating contactor	no	1	R	R
	(I) 110kW AC-3 rating contactor	no	1	R	R
	(m) 132kW AC-3 rating contactor	no	1	R	R
	(n) 150kW AC-3 rating contactor	no	1	R	R
	(o) 185kW AC-3 rating contactor	no	1	R	R
	(o) 220kW AC-3 rating contactor	no	1	R	R
1.17	Installation of Standard Adjustable Overloads				
	Supply, installation, connection, testing and commissioning of the following adjustable (standard electronic) motor overloads for motor controls.				
	(a) 0,1 - 1A	set	1	R	R
	(b) 1,6 - 5 A	set	1	R	R
	(c) 12 - 32 A	set	1	R	R
	(d) 12 - 25A	set	1	R	R
	(e) 23 - 75A	set	1	R	R



ITEM NO.	DESCRIPTION	UNIT	QTY	PRICE	TOTAL PRICE
	(f) 60 - 85A	set	1	R	R
1.18	Replacing star-delta timer for star-delta starters as follows: (per unit)				
	(a) Electronic type	no	1	R	R
	(b) Magnetic type	no	1	R	R
	(c) Vacuum type	no	1	R	R
1.19	Motor Control Centres (complete assemblies)				
	Design drawings, manufacture, supply, delivery, installation, connections, testing and commissioning of floor standing motor control centre cabinets consisting of 2mm 3CR12 steel, powder coated, and each cabinet with dimension of not less than 2000mm high x 700mm wide x 600 mm deep and complete with internal sheet steel divisions, busbars, busbar supports, ventilation openings and gland plates for:				
1.19.1	Main incoming power panel for loads not exceeding 150A (complete assembly) (test certificate in accordance with SANS 1765) (<10kA)	no	1	R	R
1.19.2	Main incoming power panel for loads from 150 to 250A, excluding main circuit breaker. (test certificate in accordance with SANS 1765)(<10kA)	no	1	R	R
1.19.3	Main incoming power panel for loads from 550 to 750A, excluding main circuit breaker. (test certificate in accordance with SANS 1273)(>10kA)	no	1	R	R
1.19.4	Main incoming power panel for loads from 750 to 1500A, excluding main circuit breaker. (test certificate in accordance with SANS 1273)(>10kA)	no	1	R	R
1.19.5	DOL starter panel with <u>standard overload</u> for motors up to 11 kW (excluding motor mcb and contactor)	no	1	R	R
1.19.6	DOL starter panel with <u>electronic overload</u> for motors up to 11 kW (excluding motor mcb, electronic overload and contactor)	no	1	R	R
1.19.7	Star-delta starter panel with <u>electronic overload</u> for motors from 15kW up to 22 kW (excluding motor mcb, contactors & electronic overload relay)	no	1	R	R



ITEM NO.	DESCRIPTION	UNIT	QTY	PRICE	TOTAL PRICE
1.19.8	Star-delta starter panel with electronic overload for motors from 30kW up to 55 kW excluding motor mcb, contactors & electronic				
	overload relay)	no	1	R	R
1.19.9	Star-delta starter panel with <u>electronic overload</u> for motors from 90kW up to 132 kW (excluding motor mcb, contactors & electronic overload relay)	no	1	R	R
1.19.10	Star-delta starter panel with electronic overload for motors from 150kW up to 220 kW (Excluding motor mcb, contactors & electronic overload relay)	no	1	R	R
1.20	Drawing up and delivery of "As Built" drawings of boards to Sekhukhune District Municipality for the following:				
1.20.1	12-way power distribution board	no	1	R	R
1.20.2	22-way power distribution board	no	1	R	R
1.20.3	Motor control centre with main incoming panel and up to 2 starters	no	1		
1.20.4	Motor control centre with main incoming panel and up to 2 starters	no	1		
1.20	Mark-up rates				
1.19.1	Percentage mark-up on rates listed in term contracts	%	1	%	%
	Percentage mark-up on items (with attached invoices) approved by the Employer or his representative for materials, (other than those set out in this list) used in the execution of work ordered by the Employer	%	1	%	%
1.20	Tip Trucks				
	(a) 6 m ³	Hr	1	R	R
	(b) 10 m ³	Hr	1	R	R
1.21	Flat bed trucks				
	(a) 5t	Km	1	R	R
	(b) 7t	Km	1	R	R
1.22	LDV				
	(a) 2 x 2WD (b) 2 x 2WD	Km	1	R R	R R
	(b) 2 x 2WD	Km	1		



ITEM NO.	DESCRIPTION	UNIT	QTY	PRICE	TOTAL PRICE



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SCHEDULE 2: ELECTRICAL MOTORS

ITEM NO.	DESCRIPTION	UNIT	QTY	PRICE	TOTAL PRICE
2.1	Megger testing of electric motors between phases and between phase and frame (earth) & report findings to Sekhukhune District Municipality.	no	1	R	R
2.2	Disconnection and removal of existing electric motors and placing in store of SDM or delivery to position required by SDM for:				
2.2.1	Motors of 5,5 and 7,5 kW	no	1	R	R
2.2.2	Motors of 11 up to 18,5 kW	no	1	R	R
2.2.3	Motors of 22 up to 37 kW	no	1	R	R
2.2.4	Motors of 25 up to 75 kW	no	1	R	R
2.2.5	Up to 110 kW	no	1	R	R
2.2.6	Up to 160 kW	no	1	R	R
2.2.7	Up to 200 kW	no	1	R	R
2.2.8	Up to 260 kW	no	1	R	R
2.2.9	Motor 220 kW	no	1	R	R
2.3	Installation and connection of existing motors for pumps, including shaft alignment of motor for V-belts or pump coupling for:				
2.3.1	Motors of 5,5 and 7,5 kW, TEFC, foot mounted	no	1	R	R
2.3.2	Motors of 11 up to 18,5 kW, TEFC, foot mounted	no	1	R	R
2.3.3	Motors of 22 up to 37 kW, TEFC, foot mounted	no	1	R	R
2.3.4	Motors of 25 up to 75 kW, TEFC, foot mounted	no	1	R	R
2.3.5	Motors of 90 and 110 kW, TEFC, foot mounted	no	1	R	R
2.3.6	Motor 132 kW, TEFC, foot mounted	no	1	R	R
2.3.7	Motor 150 kW, TEFC, foot mounted	no	1	R	R
2.3.8	Motor 185 kW, TEFC, foot mounted	no	1	R	R
2.3.9	Motor 220 kW, TEFC, foot mounted	no	1	R	R



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ITEM NO.	DESCRIPTION	UNIT	QTY	PRICE	TOTAL PRICE
2.3.10	Motors of 5,5 and 7,5 kW, TEFC, flange mounted	no	1	R	R
	-	110			
2.3.11	Motors of 11 and 15 kW, TEFC, flange mounted	no	1	R	R
2.3.12	Motors of 18,5 and 22 kW, TEFC, flange mounted	no	1	R	R
2.2	Supply, installation, connection, testing and commissioning of new motors for pumps, including shaft alignment of motor for V-belts				
	or pump coupling for:				
2.2.1	5,5 kW,200/230 V, TEFC, foot mounted	no	1	R	R
2.2.2	7,5 kW, 200/230 V, TEFC, foot mounted	no	1	R	R
2.2.3	11 kW, 200/230 V, TEFC, foot mounted	no	1	R	R
2.2.4	15 kW, 200/230 V, TEFC, foot mounted	no	1	R	R
2.2.5	18,5 kW, 200/230 V, TEFC, foot mounted	no	1	R	R
2.2.6	22 kW, 200/230 V, TEFC, foot mounted	no	1	R	R
2.2.7	30 kW, 200/230 V, TEFC, foot mounted	no	1	R	R
2.2.8	37 kW, 200/230 V, TEFC, foot mounted	no	1	R	R
2.2.9	25 kW, 200/230 V, TEFC, foot mounted	no	1	R	R
2.2.10	55 kW, 200/230 V, TEFC, foot mounted	no	1	R	R
2.2.11	75 kW, 200/230 V, TEFC, foot mounted	no	1	R	R
2.2.12	90 kW, 200/230 V, TEFC, foot mounted	no	1	R	R
2.2.13	110 kW, 200/230 V, TEFC, foot mounted	no	1	R	R
2.2.14	132 kW, 200/230 V, TEFC, foot mounted	no	1	R	R
2.2.15	185 kW, 200/230 V, TEFC, foot mounted	no	1	R	R
2.2.16	220 kW, 200/230 V, TEFC, foot mounted	no	1	R	R
2.2.17	5,5 kW,200/230 V, TEFC, flange mounted	no	1	R	R
2.2.18	7,5 kW, 200/230 V, TEFC, flange mounted	no	1	R	R
2.2.19	11 kW, 200/230 V, TEFC, flange mounted	no	1	R	R



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ITEM NO.	DESCRIPTION	UNIT	QTY	PRICE	TOTAL PRICE
2.2.20	15 kW, 200/230 V, TEFC, flange mounted	no	1	R	R
2.2.21	18,5 kW, 200/230 V, TEFC, flange mounted	no	1	R	R
			1		R
2.2.22	22 kW, 200/230 V, TEFC, flange mounted	no		R	K
2.5	Disconnection, removal and transportation of existing motors to re- winders, rewinding of motors, replacement of bearings, testing of motor in factory, installation of motor on site, connection of				
	motor, alignment of motor shaft for V-belts or pump coupling, testing of motor on site and commissioning for:			R	R
2.5.4		200	1		
2.5.1	5,5 kW,200/230 V, TEFC, foot mounted	no	1	R	R
2.5.2	7,5 kW, 200/230 V, TEFC, foot mounted	no	1	R	R
2.5.3	11 kW, 200/230 V, TEFC, foot mounted	no	1	R	R
2.5.4	15 kW, 200/230 V, TEFC, foot mounted	no	1	R	R
2.5.5	18,5 kW, 200/230 V, TEFC, foot mounted	no	1	R	R
2.5.6	22 kW, 200/230 V, TEFC, foot mounted	no	1	R	R
2.5.7	30 kW, 200/230 V, TEFC, foot mounted	no	1	R	R
2.5.8	37 kW, 200/230 V, TEFC, foot mounted	no	1	R	R
2.5.9	25 kW, 200/230 V, TEFC, foot mounted	no	1	R	R
2.5.10	55 kW, 200/230 V, TEFC, foot mounted	no	1	R	R
2.5.11	75 kW, 200/230 V, TEFC, foot mounted	no	1	R	R
2.5.12	90 kW, 200/230 V, TEFC, foot mounted	no	1	R	R
2.5.13	11 kW, 200/230 V, TEFC, flange mounted	no	1	R	R
2.5.14	15 kW, 200/230 V, TEFC, flange mounted	no	1	R	R
2.5.15	18,5 kW, 200/230 V, TEFC, flange mounted	no	1	R	R
2.5.16	22 kW, 200/230 V, TEFC, flange mounted	no	1	R	R
2.6	Mark-up rates				
2.6.1	Percentage mark-up on rates listed in term contracts	%	1	%	6 %



ITEM NO.	DESCRIPTION		UNIT	QTY	PRICE	TOTAL PRICE
	Percentage mark-up on items (with attached invoices) approved by the Employer or his representative for materials, (other than those set out in this list used in the execution of work ordered by the Employer		%	1	%	%
2.7	Tip Tru (a) (b)	ocks 6 m ³ 10 m ³	H H	 1 1	R R R	R R
2.8	Flat bed trucks (a) 5t		Km	1	R	R
	(b)	7t	Km	1	R	R
2.9	LDV					
	(a) (b)	2 x 2WD 2 x 2WD	Km Km	1	R R	R R



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SCHEDULE 3 : BALL VALVES

ITEM NO.	DESCRIPTION	UNIT	QTY	PRICE	TOTAL PRICE
3.	BALL VALVES				
	Ball valve with split body; straight through pigable bore, ball				
	supported by a double-offset bearing arrangement, with resilient				
	seal.				
	Note:				
	Rates to include the cost of all staff required plus overheads where				
	appropriate and the guarantee of all parts, materials and workmanship, but exclude the cost of spares unless the latter is				
	specified.				
3.1	Servicing and repair of existing valves in the following diameters:				
	25 bar rating:				
3.1.1	Remove valve				
	a) 150 DN	no	1	R	R
	b) 200 DN	no	1	R	R
3.1.2	Transport from site				
	a) 150 DN	no	1	R	R
	b) 200 DN	no	1	R	R
3.1.3	<u>Dismantle</u>				
	a) 150 DN	no	1	R	R
	b) 200 DN	no	1	R	R
3.1.2	<u>Blast</u>				
	a) 150 DN	no	1	R	R
	b) 200 DN	no	1	R	R
3.1.5	<u>Clean</u>				
	a) 150 DN	no	1	R	R
	b) 200 DN	no	1	R	R
3.1.6	<u>Inspect</u>				
	a) 150 DN	no	1	R	R
	b) 200 DN	no	1	R	R
3.1.7	Submit inspection report				
	a) 150 DN	no	1	R	R
	b) 200 DN	no	1	R	R
3.1.8	<u>Lap</u>				
	a) 150 DN	no	1	R	R
	b) 200 DN	no	1	R	R
3.1.9	Re-blast				
	a) 150 DN	no	1	R	R
	b) 200 DN	no	1	R	R
				[,	. `



ITEM NO.	DESCRIPTION	UNIT	QTY	PRICE	TOTAL PRICE
3.1.10	Epoxy coat (min thickness 300 micron)				
	a) 150 DN	no	1	R	R
	b) 200 DN	no	1	R	R
3.1.11	Reassemble				
	a) 150 DN	no	1	R	R
	b) 200 DN	no	1	R	R
3.1.12	Pressure test				
	a) 150 DN	no	1	R	R
	b) 200 DN	no	1	R	R
3.1.13	Submit pressure test certificate				
	a) 150 DN	no	1	R	R
	b) 200 DN	no	1	R	R
3.1.12	<u>Install</u>				
	a) 150 DN	no	1	R	R
	b) 200 DN	no	1	R	R
3.1.15	Commission				
	a) 150 DN	no	1	R	R
	b) 200 DN	no	1	R	R
3.2	Supply, install and commission the following completely new ball valves, flanged, gear operated with handwheel:				
	a) 150 DN PN 25	no	1	R	R
	b) 200 DN PN 25	no	1	R	R
3.3	Mark-up rates				
3.3.1	Percentage mark-up on rates listed on term contracts	%	1	%	%
3.3.2	Percentage mark-up on items (with attached invoices) approved by the Employer or his representative for materials, (other than those set out in this list) used in execution of work ordered by the Employer.	%	1	9/	.%
		70			70
3.2	Tip trucks				
	(a) 6 m^3	1	1	1	R
	(b) 10 m ³	h	1	1	1
3.5	Flat bed trucks				
	(a) 5t	km	1	R	R
	(b) 7t	km	1	R	R
3.6	LDV				
	(a) 2 x 2WD	km	1	R	R
	(b) 2 x 2WD	km	1	R	R



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SCHEDULE 4 : BUTTERFLY VALVES (WAFER TYPE)

ITEM NO.	DESCRIPTION	UNIT	QTY	PRICE	TOTAL PRICE
4.	BUTTERFLY VALVES (Wafer Type)				
	Hand lever or geared operator, with or without actuator.				
	Note:				
	Rates to include the cost of all staff required plus overheads				
	where appropriate and the guarantee of all parts, materials and				
	workmanship, but exclude the cost of spares unless the latter is specified.				
	Specified.				
4.1	Servicing and repair of existing valves in the following diameters				
	and pressure ratings:				
4.1.1	Remove valve				
	a) <u>100 DN</u>				
	(i) PN 16	no	1	R	R
	(ii) PN 25	no	1	R	R
	(iii) PN 20	no	1	R	R
	b) <u>150 DN</u>				
	(i) PN 16	no	1	R	R
	(ii) PN 25	no	1	R	R
	(iii) PN 20	no	1	R	R
	c) <u>200 DN</u>		1	_	
	(i) PN 16	no	1	R	R
	(ii) PN 25	no	1	R	R
440	(iii) PN 20	no	1	R	R
4.1.2	<u>Dismantle</u>				
	a) 100 DN (i) DN 16		1	D	
	(i) PN 16 (ii) PN 25	no	1	R R	R R
	(ii) PN 25 (iii) PN 20	no	1	R R	R
	b) 150 DN	no	1	IX.	IN.
	(i) PN 16	no	1	R	R
	(ii) PN 25	no	1	R	R
	(iii) PN 20	no	1	R	R
	c) <u>200 DN</u>	110		`	``
	(i) PN 16	no	1	R	R
	(ii) PN 25	no	1	R	R
	(iii) PN 20	no	1	R	R
4.1.3	Blast				
	a) <u>100 DN</u>				
	(i) PN 16	no	1	R	R
	(ii) PN 25	no	1	R	R
	(iii) PN 20	no	1	R	R
	b) <u>150 DN</u>				
	(i) PN 16	no	1	R	R



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ITEM NO.		DESCRIPTION	UNIT	QTY	PRICE	TOTAL PRICE
		(ii) PN 25	no	1	R	R
		(iii) PN 20	no	1	R	R
	c)	200 DN				
		(i) PN 16	no	1	R	R
		(ii) PN 25	no	1	R	R
		(iii) PN 20	no	1	R	R
4.1.2	<u>Clean</u>					
	a)	<u>100 DN</u>				
		(i) PN 16	no	1	R	R
		(ii) PN 25	no	1	R	R
		(iii) PN 20	no	1	R	R
	b)	<u>150 DN</u>				
		(i) PN 16	no	1	R	R
		(ii) PN 25	no	1	R	R
		(iii) PN 20	no	1	R	R
ı	c)	200 DN				
		(i) PN 16	no	1	R	R
		(ii) PN 25	no	1	R	R
		(iii) PN 20	no	1	R	R
4.1.5	Inspect					
	-	<u>100 DN</u>				
		(i) PN 16	no	1	R	R
		(ii) PN 25	no	1	R	R
		(iii) PN 20	no	1	R	R
	b)	<u>150 DN</u>				
		(i) PN 16	no	1	R	R
İ		(ii) PN 25	no	1	R	R
		(iii) PN 20	no	1	R	R
İ	c)	<u>200 DN</u>				
		(i) PN 16	no	1	R	R
		(ii) PN 25	no	1	R	R
		(iii) PN 20	no	1	R	R
	Submit i	inspection report				
	a)	<u>100 DN</u>				
		(i) PN 16	no	1	R	R
		(ii) PN 25	no	1	R	R
		(iii) PN 20	no	1	R	R
	b)	150 DN				



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ITEM NO.	DESCRIPTION		QTY	PRICE	TOTAL PRICE
	(i) PN 16	no	1	R	R
	(ii) PN 25	no	1	R	R
	(iii) PN 20	no	1	R	R
	c) <u>200 DN</u>				
	(i) PN 16	no	1	R	R
	(ii) PN 25	no	1	R	R
	(iii) PN 20	no	1	R	R
4.1.7	Lon				
	<u>Lap</u>				
	a) <u>100 DN</u>		1		Б
	(i) PN 16	no	1	R	R
	(ii) PN 25	no	1	R	R
	(iii) PN 20	no	1	R	R
	b) <u>150 DN</u>				
	(i) PN 16	no	1	R	R
	(i) PN 16 (ii) PN 25	no	1	R	R
	• •	no			
	(iii) PN 20	no	1	R	R
	c) <u>200 DN</u>				
	(i) PN 16	no	1	R	R
	(ii) PN 25	no	1	R	R
	(iii) PN 20	no	1	R	R
4.1.8	Re-blast				
	a) <u>100 DN</u>				
	(i) PN 16	no	1	R	R
	(ii) PN 25		1	R	R
	(iii) PN 20	no	1	R	R
	(III) PN 20	no	1	K	K
	b) <u>150 DN</u>				
	(i) PN 16	no	1	R	R
	(ii) PN 25	no	1	R	R
	(iii) PN 20	no	1	R	R
	000 PM				
	c) <u>200 DN</u>		1		
	(i) PN 16	no	1	R	R
	(ii) PN 25	no	1	R	R
	(iii) PN 20	no	1	R	R
4.1.9	Epoxy coat (min thickness 300 micron)				
	a) <u>100 DN</u>				
	(i) PN 16	no	1	R	R
		no			
	(ii) PN 25	no	1	R	R
	(iii) PN 20	no	1	R	R
			1		



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ITEM NO.	DESCRIPTION	UNIT	QTY	PRICE	TOTAL PRICE
	b) <u>150 DN</u>				
	(i) PN 16	no	1	R	R
	(ii) PN 25	no	1	R	R
	(iii) PN 20	no	1	R	R
	c) <u>200 DN</u>				
	(i) PN 16	no	1	R	R
	(ii) PN 25	no	1	R	R
	(iii) PN 20	no	1	R	R
4.1.10	Reassemble				
	a) <u>100 DN</u>				1
	(i) PN 16	no	1	R	R
	(ii) PN 25	no	1	R	R
	(iii) PN 20	no	1	R	R
	b) <u>150 DN</u>				1
	(i) PN 16	no	1	R	R
	(ii) PN 25	no	1	R	R
	(iii) PN 20	no	1	R	R
	c) <u>200 DN</u>				
	(i) PN 16	no	1	R	R
	(ii) PN 25	no	1	R	R
	(iii) PN 20	no	1	R	R
4.1.11	Pressure test				
	a) <u>100 DN</u>				
	(i) PN 16	no	1	R	R
	(ii) PN 25	no	1	R	R
	(iii) PN 20	no	1	R	R
	b) <u>150 DN</u>				
	(i) PN 16	no	1	R	R
	(ii) PN 25	no	1	R	R
	(iii) PN 20	no	1	R	R
	c) <u>200 DN</u>				
	(i) PN 16	no	1	R	R
	(ii) PN 25	no	1	R	R
	(iii) PN 20	no	1	R	R
4.1.12	Submit pressure test certificate				
	a) <u>100 DN</u>				1
	(i) PN 16	no	1	R	R
	(ii) PN 25	no	1	R	R
	(iii) PN 20	no	1	R	R



ITEM NO.	DESCRIPTION	UNIT	QTY	PRICE	TOTAL PRICE
	b) <u>150 DN</u>				
	(i) PN 16	no	1	R	R
	(ii) PN 25	no	1	R	R
	(iii) PN 20	no	1	R	R
	c) <u>200 DN</u>				
	(i) PN 16	no	1	R	R
	(ii) PN 25	no	1	R	R
	(iii) PN 20	no	1	R	R
.1.13	Install				
	a) <u>100 DN</u>				
	(i) PN 16	no	1	R	R
	(ii) PN 25	no	1	R	R
			1	R	R
	(iii) PN 20	no	1	IT.	I'V
	b) <u>150 DN</u>		1		
	(i) PN 16	no	1	R -	R
	(ii) PN 25	no	1	R	R
	(iii) PN 20	no	1	R	R
	c) <u>200 DN</u>				
	(i) PN 16	no	1	R	R
	(ii) PN 25	no	1	R	R
	(iii) PN 20	no	1	R	R
1.1.12	<u>Commission</u>				
	a) 100 DN				
	(i) PN 16	no	1	R	R
	(ii) PN 25	no	1	R	R
	(iii) PN 20	no	1	R	R
		1.0			
	b) <u>150 DN</u>		1	5	
	(i) PN 16	no	1	R	R
	(ii) PN 25	no	1	R	R
	(iii) PN 20	no	1	R	R
	c) <u>200 DN</u>				
	(i) PN 16	no	1	R	R
	(ii) PN 25	no	1	R	R
	(iii) PN 20	no	1	R	R
.2	Supply, install and commission the following				
	completely new gear operated (with handwhee	l)			
	wafer type butterfly valves:				
	a) <u>100 DN</u>				
	u) 100 BIT				



ITEM NO.	DESCRIPTION	UNIT	QTY	PRICE	TOTAL PRICE
	(ii) PN 25	no	1	R	R
	(iii) PN 20	no	1	R	R
	b) <u>150 DN</u>				
	(i) PN 16	no	l	R	R
	(ii) PN 25	no	1	R	R
	(iii) PN 20	no	1	R	R
	c) <u>200 DN</u>				
	(i) PN	no	1	R	R
	(ii) PN 25	no	1	R	R
	(iii) PN 20	no	1	R	R
4.3	Mark-up rates				
4.3.1	Percentage mark-up on rates listed on term contracts	%	1	%	%
4.3.2	Percentage mark-up on items (with attached invoices) approved by the Employer or his representative for materials, (other than those set out in this list) used in execution of work ordered by the			0.4	0,4
4.0	Employer.	%	1	%	%
4.2	Tip trucks (a) 6 m³	h	1	R	R
	(a) 0 m ³	h	1	R	R
4.5	Flat bed trucks	"	1	``	[``
4.0	(a) 5t	km	1	R	R
	(a) 51 (b) 7t	km	1	R	R
4.6	LDV	KIII	1	`	
٠.٠	(a) 2 x 2WD	km	1	R	R
	(b) 2 x 2WD	km	1	R	R
	(V) 2 × 2 × V	KIII	-	R	R
		l	1	R	R



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SCHEDULE 5 : BUTTERFLY VALVES (DOUBLE FLANGED)

Note: Rates to incomplete appropriate workmansh specified. 5.1 Servicing a meters and Remove value appropriate ap					
Mote: Rates to incomplete appropriate workmansh specified. 5.1 Servicing a meters and Remove value appropriate ap	clude the cost of all staff required plus overheads repriate and the guarantee of all parts, materials and hip, but ex clude the cost of spares unless the latter is and repair of existing valves in the following diateressure ratings:				
Rates to ind where appropriate workmansh specified. 5.1 Servicing a meters and Remove value a) 100	ropriate and the guarantee of all parts, materials and nip, but ex clude the cost of spares unless the latter is and repair of existing valves in the following diatoressure ratings:				
where appr workmansh specified. 5.1 Servicing a meters and Remove va a) 100	ropriate and the guarantee of all parts, materials and nip, but ex clude the cost of spares unless the latter is and repair of existing valves in the following diatoressure ratings:				
meters and 5.1.1 Remove va a) 100	d pressure ratings: alve				
5.1.1 Remove va a) <u>100</u>	alve		1	1	
a) <u>100</u>					
(i)					
, ,	PN 16	no	1	R	R
	PN 25	no	1	R	R
(iii)	PN 20	no	1	R	R
b) <u>150</u>					
(i) F	PN 16	no	1	R	R
(ii) F	PN 25	no	1	R	R
(iii)	PN 20	no	1	R	R
c) <u>200</u>	<u>DN</u>				
1 (i)	PN 16	no	1	R	R
(ii) F	PN 25	no	1	R	R
(iii)	PN 20	no	1	R	R
d) <u>250</u>	<u>DN</u>				
(i)	PN 16	no	1	R	R
(ii) F	PN 25	no	1	R	R
(iii)	PN 20	no	1	R	R
e) <u>300</u>	<u>DN</u>				
1 (i)	PN 16	no	1	R	R
(ii) F	PN 25	no	1	R	R
	PN 20	no	1	R	R
f) <u>350</u>	<u>DN</u>				
(i)	PN 16	no	1	R	R
	PN 25	no	1	R	R
, ,	PN 20	no	1	R	R
5.1.2 <u>Dismantle</u>					
a) <u>100</u>	DN				
	PN 16	no	1	R	R
	PN 25	no	1	R	R
	PN 20	no	1	R	R



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		E-I™aii∶ sekinto@seknuknune.co.za		T		
ITEM NO	DESC	RIPTION	UNIT	QTY	PRICE	TOTAL PRICE
	b)	<u>150 DN</u>				
	,	(i) PN 16	no	1	R	R
		(ii) PN 25	no		R	R
		(iii) PN 20	no		R	R
		()	110		``	
	c)	200 DN				
	0)	(i) PN 16	no	1	R	R
		(ii) PN 25	no		R	R
		(ii) PN 20			R	R
		(III) FIN 20	no		IX.	IX.
	d)	<u>250 DN</u>				
		(i) PN 16	no	1	R	R
		(ii) PN 25	no	1	R	R
		(iii) PN 20	no	1	R	R
	e)	300 DN				
		(i) PN 16	no	1	R	R
		(ii) PN 25	no		R	R
		(iii) PN 20	no		R	R
		,				
	f)	350 DN				
		(i) PN 16	no	1	R	R
		(ii) PN 25	no	1	R	R
		(iii) PN 20	no	1	R	R
5.1.3	Blast					
	a)	<u>100 DN</u>				
		(i) PN 16	no	1	R	R
		(ii) PN 25	no	1	R	R
		(iii) PN 20	no	1	R	R
	b)	150 DN				
	,	(i) PN 16	no	1	R	R
		(ii) PN 25	no no		R	R
		(ii) PN 20	no		R	R
	c)	200 DN	110	-	1	11
	c)	200 DN (i) PN 16	no	1	D	D
			no		R	R
		(ii) PN 25	no	1	R	R
		(iii) PN 20	no	1	R	R
	d)	<u>250 DN</u>				
		(i) PN 16	no	1	R	R
		(ii) PN 25	no		R	R
		(iii) PN 20	no		R	R
	_\	200 DN				
	e)	300 DN		1		
		(i) PN 16	no		R	R
		(ii) PN 25	no	1	R	R



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ITEM NO	DESC	CRIPTION		UNIT	QTY	PRICE	TOTAL PRICE
		(iii) PN 20		no	1	R	R
		• •					
	f)	350 DN					
		(i) PN 16		no	1	R	R
		(ii) PN 25		no	1	R	R
		(iii) PN 20		no	1	R	R
5.1.2	Clear						
	a)	100 DN					
	′	(i) PN 16		no	1	R	R
		(ii) PN 25		no	1	R	R
		(iii) PN 20		no	1	R	R
		()					
	b)	<u>150 DN</u>					
	,	(i) PN 16		no	1	R	R
		(ii) PN 25		no	1	R	R
		(iii) PN 20		no	1	R	R
		, , = •					_
	c)	200 DN					
	,	(i) PN 16		no	1	R	R
		(ii) PN 25		no	1	R	R
		(iii) PN 20		no	1	R	R
		(11) 1 14 20		110	1	``	
	d)	250 DN					
	u)	(i) PN 16		no	1	R	R
		(ii) PN 25		no	1	R	R
		(ii) PN 20			1	R	R
	e)	300 DN		no	1	N	K
	C)	(i) PN 16		no	1	R	R
		(ii) PN 25		no	1		R
				no	1	R R	R
		(iii) PN 20		no	1	K	I.
	t/	250 DN					
	f)	350 DN (i) DN 16		no	1	D	В
		(i) PN 16		no	1	R	R
		(ii) PN 25		no	1	R	R
C 4 C	lac:	(iii) PN 20		no	1	R	R
5.1.5	Inspe				1		
	a)	100 DN			1	_	<u></u>
		(i) PN 16		no	1	R	R
		(ii) PN 25		no		R	R
		(iii) PN 20		no	1	R	R
	b)	<u>150 DN</u>					
		(i) PN 16		no	1	R	R
		(ii) PN 25		no	1	R	R
		(iii) PN 20		no	1	R	R
	c)	200 DN					
		(i) PN 16		no	1	R	R



		E-Mail: sekinfo@sekhukhune.co.za				
ITEM NO	DESC	CRIPTION	UNIT	QTY	PRICE	TOTAL PRICE
		(ii) PN 25	no	1	R	R
		(iii) PN 20	no	1	R	R
		(, = 5				
	d)	<u>250 DN</u>				
	u)	(i) PN 16	no	1	R	R
			no	1	R	R
		(ii) PN 25	no			
		(iii) PN 20	no	1	R	R
	e)	300 DN				
	'	(i) PN 16	no	1	R	R
		(ii) PN 25	no	1	R	R
		(iii) PN 20	no	1	R	R
		(11) 11425	110			
	f)	<u>350 DN</u>				
		(i) PN 16	no	1	R	R
		(ii) PN 25	no	1	R	R
		(iii) PN 20	no	1	R	R
5.1.6	Subm	it inspection report				
	a)	100 DN				
	,	(i) PN 16	no	1	R	R
		(ii) PN 25	no	1	R	R
		(iii) PN 20	no	1	R	R
		(11) 114 20	110			
	b)	<u>150 DN</u>				
		(i) PN 16	no	1	R	R
		(ii) PN 25	no	1	R	R
		(iii) PN 20	no	1	R	R
	c)	<u>200 DN</u>				
	-,	(i) PN 16	no	1	R	R
		(ii) PN 25	no	1	R	R
		(ii) PN 20	no	1	R	R
		(, 11120	110			
	d)	<u>250 DN</u>				
		(i) PN 16	no	1	R	R
		(ii) PN 25	no	1	R	R
		(iii) PN 20	no	1	R	R
	e)	<u>300 DN</u>				
		(i) PN 16	no	1	R	R
		(ii) PN 25	no	1	R	R
		(iii) PN 20	no	1	R	R
	f)	350 DN				
	' <i>'</i>	(i) PN 16	no	1	R	R
				1		
		(ii) PN 25	no	1	R	R
		(iii) PN 20	no	1	R	R



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ITEM NO	DESCRIPTION	LIAUT	OTY	DRICE	TOTAL			
	DESCRIPTION .	UNIT	QTY	PRICE	PRICE			
5.1.7	<u>Lap</u>							
	a) <u>100 DN</u>							
	(i) PN 16	no	1	R	R			
	(ii) PN 25	no	1	R	R			
	(iii) PN 20	no	1	R	R			
	b) <u>150 DN</u>							
	(i) PN 16	no	1	R	R			
	(ii) PN 25	no	1	R	R			
	(iii) PN 20	no	1	R	R			
	c) <u>200 DN</u>							
	(i) PN 16	no	1	R	R			
	(ii) PN 25	no	1	R	R			
	(iii) PN 20	no	1	R	R			
	d) <u>250 DN</u>							
	(i) PN 16	no	1	R	R			
	(ii) PN 25	no	1	R	R			
	(iii) PN 20	no	1	R	R			
	e) <u>300 DN</u>							
	(i) PN 16	no	1	R	R			
	(ii) PN 25	no	1	R	R			
	(iii) PN 20	no	1	R	R			
	(111) 1 14 20	110	1	IX				
	f) <u>350 DN</u>							
	(i) PN 16	no	1	R	R			
	(ii) PN 25	no	1	R	R			
	(iii) PN 20	no	1	R	R			
5.1.8	Re-blast	110	-	TX.				
3.1.0	a) <u>100 DN</u>							
	(i) PN 16	no	1	R	R			
	• • • • • • • • • • • • • • • • • • • •	no	1	R R	R R			
	(ii) PN 25	no	1		R R			
	(iii) PN 20	no	1	R	I.V.			
	h) 450 DN							
	b) <u>150 DN</u>		1	_	_			
	(i) PN 16	no	1	R	R			
	(ii) PN 25	no	1	R	R			
	(iii) PN 20	no	1	R	R			
	c) <u>200 DN</u>		_					
	(i) PN 16	no	1	R	R			
	(ii) PN 25	no	1	R	R			
	(iii) PN 20	no	1	R	R			
	d) <u>250 DN</u>							
	(i) PN 16	no	1	R	R			
	(ii) PN 25	no	1	R	R			
	(iii) PN 20	no	1	R	R			
	• •							



ITEM NO	DESCRIPTION	114.07	0.737	DDIOE	TOTAL
ITEM NO	DESCRIPTION	UNIT	QTY	PRICE	PRICE
	e) <u>300 DN</u>				
	(i) PN 16	no	1	R	R
	(ii) PN 25	no	1	R	R
	(iii) PN 20	no	1	R	R
	(111) FIN 20	110	1	IX.	IX.
	f) <u>350 DN</u>				
	(i) PN 16	no	1	R	R
	(ii) PN 25	no	1	R	R
	(iii) PN 20	no	1	R	R
.1.9	Epoxy coat (min thickness 300 micron)				
	a) <u>100 DN</u>				
	(i) PN 16	no	1	R	R
	(ii) PN 25	no	1	R	R
			1		
	(iii) PN 20	no	1	R	R
	b) <u>150 DN</u>				
	(i) PN 16	no	1	R	R
	(ii) PN 25	no	1	R	R
	(iii) PN 20	no	1	R	R
	c) <u>200 DN</u>				
	(i) PN 16	no	1	R	R
	(ii) PN 25	no	1	R	R
	(iii) PN 20	no	1	R	R
	d) 050 PM				
	d) <u>250 DN</u>				
	(i) PN 16	no	1	R	R
	(ii) PN 25	no	1	R	R
	(iii) PN 20	no	1	R	R
	, , , , , , , , , , , , , , , , , , , ,				
	e) <u>300 DN</u>				
	(i) PN 16	no	1	R	R
	(ii) PN 25	no	1	R	R
	(iii) PN 20	no	1	R	R
	f) 250 DN				
	f) <u>350 DN</u>				L
	(i) PN 16	no	1	R	R
	(ii) PN 25	no	1	R	R
	(iii) PN 20	no	1	R	R
					<u> </u>
.1.10	Reassemble				
	a) <u>100 DN</u>				
	(i) PN 16	no	1	R	R
	(ii) PN 25	no	1	R	R
	(iii) DN 00		1		
	(iii) PN 20	no		R	R
			1	1	1



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C	b) c)	(i) PN 16 (ii) PN 25 (iii) PN 20 200 DN (i) PN 16 (ii) PN 25 (iii) PN 20 250 DN (i) PN 16 (ii) PN 16 (ii) PN 16 (iii) PN 25	no no no	1 1 1 1 1 1	R R R R R R	R R R R
C	c) d)	(i) PN 16 (ii) PN 25 (iii) PN 20 200 DN (i) PN 16 (ii) PN 25 (iii) PN 20 250 DN (i) PN 16	no no no	1 1 1	R R R R	R R R R
C	d)	(ii) PN 25 (iii) PN 20 200 DN (i) PN 16 (ii) PN 25 (iii) PN 20 250 DN (i) PN 16	no no no	1 1 1	R R R R	R R R R
C	d)	(iii) PN 20 200 DN (i) PN 16 (ii) PN 25 (iii) PN 20 250 DN (i) PN 16	no no no	1 1 1	R R R	R R R
C	d)	200 DN (i) PN 16 (ii) PN 25 (iii) PN 20 250 DN (i) PN 16	no no	1	R R	R R
C	d)	(i) PN 16 (ii) PN 25 (iii) PN 20 250 DN (i) PN 16	no	1	R	R
C	d)	(i) PN 16 (ii) PN 25 (iii) PN 20 250 DN (i) PN 16	no	1	R	R
		(ii) PN 25 (iii) PN 20 250 DN (i) PN 16	no	1	R	R
		(iii) PN 20 250 DN (i) PN 16				
		<u>250 DN</u> (i) PN 16	no	1	IK	- D
		(i) PN 16			1	R
		(i) PN 16				
•			no	1	R	R
6		(11) 1 11 20		1	R	R
6		(iii) PN 20		1	R	R
ľ	~)		no	1	I.V.	IX
	e)	300 DN		1	_	_
1		(i) PN 16		1	R	R
		(ii) PN 25		1	R	R
		(iii) PN 20	no	1	R	R
f	f)	350 DN				
ľ	.,	(i) PN 16	no	1	R	R
		(ii) PN 25		1	R	R
		(iii) PN 20		1	R	R
.1.11 <u>F</u>	Droop	sure test	no	-		
Ċ	a)	100 DN		1		D
		(i) PN 16		1	R	R
		(ii) PN 25		1	R	R
		(iii) PN 20	no	1	R	R
k	b)	<u>150 DN</u>				
	,	(i) PN 16	no	1	R	R
		(ii) PN 25		1		R
		(iii) PN 20		1	R	R
		\/ 11420	110		<u> </u>	
lo	c)	200 DN				
		(i) PN 16	no	1	R	R
		(ii) PN 25	no	1	R	R
		(iii) PN 20	no	1	R	R
	الـ	250 DN				
C	d)	250 DN		1		_
		(i) PN 16		1	R	R
		(ii) PN 25	_	1	R	R
		(iii) PN 20	no	1	R	R
	e)	300 DN				



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		E-i iaii . Se	-Mail: sekinfo@sekhukhune.co.za					
ITEM NO	DESC	CRIPTION		UNIT	QTY	PRICE	TOTAL PRICE	
		(i) PN 16		no	1	R	R	
		(ii) PN 25		no	1	R	R	
		(iii) PN 20		no	1	R	R	
	f)	350 DN						
	,	(i) PN 16		no	1	R	R	
		(ii) PN 25		no	1	R	R	
		(iii) PN 20		no	1	R	R	
5.1.12	Subm	nit pressure test certificate						
	a)	100 DN						
	/	(i) PN 16		no	1	R	R	
		(ii) PN 25		no	1	R	R	
		(iii) PN 20		no	1	R	R	
		()		110				
	b)	<u>150 DN</u>						
	5)	(i) PN 16		no	1	R	R	
		(ii) PN 25		no	1	R	R	
		(iii) PN 20		no	1	R	R	
		(III) 1 14 20		ПО	_	`	1	
	c)	200 DN						
	C)	(i) PN 16		no	1	D	D	
				no		R	R R	
		(ii) PN 25		no	1 1	R		
		(iii) PN 20		no	1	R	R	
	d)	<u>250 DN</u>						
		(i) PN 16		no	1	R	R	
		(ii) PN 25		no	1	R	R	
		(iii) PN 20		no	1	R	R	
	e)	300 DN						
		(i) PN 16		no	1	R	R	
		(ii) PN 25		no	1	R	R	
		(iii) PN 20		no	1	R	R	
	f)	350 DN						
		(i) PN 16		no	1	R	R	
		(ii) PN 25		no	1	R	R	
		(iii) PN 20		no	1	R	R	
5 1 10	Inotal	ı						
5.1.13	Instal							
	a)	100 DN			1	_	В	
		(i) PN 16		no	1	R	R	
		(ii) PN 25		no	1	R	R	
		(iii) PN 20		no	1	R	R	
	b)	<u>150 DN</u>						
		(i) PN 16		no	1	R	R	
		(ii) PN 25		no	1	R	R	
		(iii) PN 20		no	1	R	R	



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						TOTAL
ITEM NO	DESCRIPT		UNIT	QTY	PRICE	PRICE
	c) <u>200</u>					1
	(i)	PN 16	no	1	R	R
	(ii) I	PN 25	no	1	R	R
	(iii)	PN 20	no	1	R	R
	d) <u>250</u>					
		PN 16	no	1	R	R
		PN 25	no	1	R	R
	(iii)	PN 20	no	1	R	R
	,					
	e) <u>300</u>			1		
		PN 16	no	l 1	R	R
		PN 25	no	1	R	R
		PN 20	no	1	R	R
	f) <u>350</u>			1	D.	
		PN 16	no	1	R	R
	` ,	PN 25	no	1	R	R
. 4 40		PN 20	no	1	R	R
5.1.12	Commissio					
	a) <u>100</u>			1		_
		PN 16	no	1	R	R
		PN 25	no	1	R R	R R
	(111)	PN 20	no	1	K	K
	b) <u>150</u>	DN				
		<u>DN</u> PN 16	no	1	R	R
		PN 25	no	1	R	R
		PN 20	no	1	R	R
	(111)	FIN 20	110	1	IX.	IX.
	c) <u>200</u>	DN				
		PN 16	no	1	R	R
		PN 25	no	1	R	R
		PN 20	no	1	R	R
	()		1.0		[``	[``
	d) <u>250</u>	DN				
		PN 16	no	1	R	R
		PN 25	no	1	R	R
		PN 20	no	1	R	R
	e) <u>300</u>					
		PN 16	no	1	R	R
		PN 25	no	1	R	R
		PN 20	no	1	R	R
	f) <u>350</u>					
		 PN 16	no	1	R	R
		PN 25	no	1	R	R

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ITEM NO					TOTAL
ITEM NO	DESCRIPTION	UNIT	QTY	PRICE	PRICE
	(iii) PN 20	no	1	R	R
.2	Supply, install and commission the following				
	completely new gear operated (with handwheel)				
	double flanged butterfly valves:				
	a) <u>100 DN</u>				
	i) PN 16	no	1	R	R
	ii) PN 25	no	1	R	R
	iii) PN 20	no	1	R	R
	III) 1 N 20	110			
	Name of Valve Manufacturer:				
	b) <u>150 DN</u>				
	i) PN 16	no	1	D	R
	ii) PN 25	no	1	R	
	•	no		R	R
	iii) PN 20	no	1	R	R
	c) <u>200 DN</u>				
	i) PN 16	no	1	R	R
	ii) PN 25	no	1	R	R
	iii) PN 20	no	1	R	R
	,				
	d) <u>250 DN</u>				
	ii) PN 25	no	1	R	R
	iii) PN 20	no	1	R	R
	e) <u>300 DN</u>				
	i) PN 16	no	1	R	R
	ii) PN 25	no	1	R	R
	iii) PN 20	no	1	R	R
	,				[`
	f) <u>350 DN</u>				
	i) PN 16	no	1	R	R
	ii) PN 25	no	1	R	R
	iii) PN 20	no	1	R	R
5.3	<u>Mark-up rates</u>				
5.3.1	Percentage mark-up on rates listed on term contracts	%	%	%	%
	Percentage mark-up on items (with attached invoices) approved				
5.3.2	by the Employer or his representative for materials, (other that those set out in this list) used in execution of work ordered by the Employer				
	LIII () () () () () () () () ()		1	1	%



ITEM NO	DESCI	RIPTION	UNIT	QTY	PRICE	TOTAL PRICE
			%	R100 000	%	R
5.3.3	Tip true	cks				
	(a)	6 m ³	h	1	R	R
	(b)	10 m ³	h	1	R	R
	Flat be	ed trucks				
	(a)	5t	km	1	R	R
	(b)	7t	km	1	R	R
	LDV					
	(a)	2 x 2WD	km	1	R	R
	(b)	2 x 2WD	km	1	R	R
	•				R	R



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SCHEDULE 6: WATERWORKS GATE VALVES

ITEM NO.	DESCRIPTION	UNIT	QTY	PRICE	TOTAL PRICE
6.	Valves fitted with wedge gates. Valves in compliance with SABS 662, waterworks applications with plain thrust collar, non-rising spindle and flanged ends.				
	Note: Rates to include the cost of all staff required plus overheads where appropriate and the guarantee of all parts, materials and workmanship, but ex clude the cost of spares unless the latter is specified.				
5.1	Servicing and repair of valves in the following dia- meters and pressure ratings:				
6.1.1	Remove valve				
	a) 80 DN				
	(i) PN 10	no	1	R	R
	(ii) PN 16	no	1	R	R
	(iii) PN 25	no	1	R	R
	b) 100 DN		 		
	(i) PN 10	no	1	R	R
	(ii) PN 16	no	1	R	R
	(iii) PN 25	no	1	R	R
	c) <u>150 DN</u> (i) PN 10	no	1	R	R
	(ii) PN 16	no	1	R	R
	(iii) PN 25	no	1	R	R
	d) <u>200 DN</u>		1		
	(i) PN 10	no	1	R R	R
	(ii) PN 16 (iii) PN 25	no no	1	R	R R
3.1.2	Transport from site				
	a) <u>80 DN</u>		1		
	(i) PN 10 (ii) PN 16	no no	1	R R	R R
	(iii) PN 25	no	1	R	R
	b) <u>100 DN</u>		<u> </u>		
	(i) PN 10	no	1	R	R



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ITEM NO.	DESCRIPTION	UNIT	QTY	PRICE	TOTAL PRICE
	(ii) PN 16	no	1	R	R
	(iii) PN 25	no	1	R	R
	· ,				
	c) <u>150 DN</u>				
	(i) PN 10	no	1	R	R
	(ii) PN 16	no	1	R	R
	(iii) PN 25	no	1	R	R
	()				
	d) <u>200 DN</u>				
	(i) PN 10	no	1	R	R
	(ii) PN 16	no	1	R	R
	(iii) PN 25	no	1	R	R
	(11) 114 23	110			
6.1.3	<u>Dismantle</u>				
0.1.0	a) <u>80 DN</u>				
	(i) PN 10	no	1	R	R
	(ii) PN 16	no	1	R	R
	(ii) PN 16 (iii) PN 25	no	1	R R	R R
	(III) FIN 20	no	1		
			l		
	b) <u>100 DN</u>		1		
	(i) PN 10	no	1	R	D
		no	1	R	R R
	(ii) PN 16	no	1		R
	(iii) PN 25	no	1	R	K
	c) <u>150 DN</u>				
	(i) PN 10	no	1	R	R
	(ii) PN 16	no	1	R	R
	(iii) PN 25		1	R	R
	(III) FIN 25	no	1	IX.	
	4) 300 DN				
	d) <u>200 DN</u>	no	1	D	D
	(i) PN 10	no	1	R	R
	(ii) PN 16	no	1	R	R R
	(iii) PN 25	no	1	R	K
612	Plact				
6.1.2	Blast				
	a) <u>80 DN</u>		1	D	D
	(i) PN 10	no	1	R	R
	(ii) PN 16	no	1	R	R
	(iii) PN 25	no	1	R	R
			1		
	h) 100 DN	Ì	ĺ	Ì	
	b) 100 DN		1		D
	(i) PN 10	no	1	R	R
	(ii) PN 16	no	1	R	R R
	(iii) PN 25	no	1	R	R
	c) <u>150 DN</u>				



ITEM NO.	DESCRIPTION	UNIT	QTY	PRICE	TOTAL PRICE
	(i) PN 10	no	1	R	R
	(ii) PN 16	no	1	R	R
	(iii) PN 25		1	R	R
	d) <u>200 DN</u>				
	(i) PN 10	no	1	R	R
	(ii) PN 16		1	R	R
	(iii) PN 25		1	R	R
	(, 23			[`	
6.1.5	Clean				
	a) <u>80 DN</u>				
	(i) PN 10	no	1	R	R
	(ii) PN 16		1	R	R
	(iii) PN 25		1	R	R
	(III) FN 25	no	1	K	K
	1	1 1		1	
	b) <u>100 DN</u>				
	(i) PN 10	no	1	R	R
	(ii) PN 16	no	1	R	R
					_
	(iii) PN 25	no	1	R	R
	c) <u>150 DN</u>				
	(i) PN 10	no	1	R	R
	(ii) PN 16		1	R	R
	(iii) PN 25		1	R	R
	d) <u>200 DN</u>				
	(i) PN 10	no	1	R	R
	(ii) PN 16		1	R	R
	(iii) PN 25		1	R	R
	(11)	110		`	
6.1.6	Inspect				
	a) <u>80 DN</u>				
	(i) PN 10	no	1	R	R
	(ii) PN 16		1	R	R
	(iii) PN 25		1	R	R
	()			`	
	b) <u>100 DN</u>				
	(i) PN 10	no	1	R	R
	(ii) PN 16	no	1	R	R
	(iii) PN 25	no	1	R	R
	()			(.`
	c) <u>150 DN</u>				
	(i) PN 10	no	1	R	R
	(ii) PN 16	no	1	R	R
	(iii) PN 25	no	1	R	R



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ITEM NO.	DESCRIPTION	UNIT	QTY	PRICE	TOTAL PRICE
	d) <u>200 DN</u>				
	(i) PN 10	no	1	R	R
	(ii) PN 16	no	1	R	R
	(iii) PN 25	no	1	R	R
6.1.7	Submit inspection report				
	a) <u>80 DN</u>				
	(i) PN 10	no	1	R	R
	(i) PN 16		1	R	R
		no			R
	(iii) PN 25	no	1	R	K
	1	1	I	R	
	b) <u>100 DN</u>				
	(i) PN 10	no	1	R	R
	(ii) PN 16	no	1	R	R
	(iii) PN 25	no	1	R	R
			1		
	c) <u>150 DN</u>				
	(i) PN 10	no	1	R	R
	(ii) PN 16	no	1	R	R
			1	R	R
	(iii) PN 25	no	1	K	K
	d) <u>200 DN</u>				
	(i) PN 10	no	1	R	R
	(ii) PN 16	no	1	R	R
	(iii) PN 25	no	1	R	R
5.1.8	Lon				
0.1.0	<u>Lap</u>				
	a) <u>80 DN</u>		1		
	(i) PN 10	no	1	R	R
	(ii) PN 16	no	1	R	R
	(iii) PN 25	no	1	R	R
	1	1	i İ	j	
	b) <u>100 DN</u>				
	(i) PN 10	no	1	R	R
	(ii) PN 16	no	1	R	R
	(iii) PN 25			Р	D
	(iii) PN 25	no	1	R	R
	c) 150 DN				
	(i) PN 10	no	1	R	R
	(ii) PN 16	no	1	R	R
	(iii) PN 25	no	1	R	R
	d) <u>200 DN</u>				
	d) <u>200 DN</u>		Page		



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ITEM NO.	DESCRIPTION	UNIT	QTY	PRICE	TOTAL PRICE
	(i) PN 10	no	1	R	R
	(ii) PN 16	no	1	R	R
	(iii) PN 25	no	1	R	R
.1.9	Re-blast				
	a) <u>80 DN</u>				
	(i) PN 10	no	1	R	R
	(ii) PN 16	no	1	R	R
	1	<u> </u>	<u> </u>	i	
	(iii) PN 25	no	1	R	R
	b) <u>100 DN</u>				
	(i) PN 10	no	1	R	R
	(ii) PN 16	no	1	R	R
	(iii) PN 25	no	1	R	R
	c) <u>150 DN</u>				
	(i) PN 10	no	1	R	R
	(ii) PN 16	no	1	R	R
	(iii) PN 25	no	1	R	R
	d) <u>200 DN</u>				
	(i) PN 10	no	1	R	R
	(ii) PN 16	no	1	R	R
	(iii) PN 25	no	1	R	R
	<u></u>		<u> </u>	<u> </u>	
.1.10	Epoxy coat (min thickness 300 micron)				
	a) <u>80 DN</u>		1		_
	(i) PN 10	no	1	R	R
	(ii) PN 16	no	1 1	R	R
	(iii) PN 25	no	1	R	R
	b) <u>100 DN</u>				
	(i) PN 10	no	1	R	R
	(ii) PN 16	no	1	R	R
	(iii) PN 25	no	1	R	R
	c) <u>150 DN</u>				
	(i) PN 10	no	1	R	R
	(ii) PN 16	no	1	R	R R
	(iii) PN 25	no	1	R	R

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ITEM NO.	DESCRIPTION	UNIT	QTY	PRICE	TOTAL PRICE
	d) <u>200 DN</u>				
	(i) PN 10	no	1	R	R
	(ii) PN 16	no	1	R	R
	(iii) PN 25	no	1	R	R
6.1.11	Reassemble				
	a) <u>80 DN</u>				
	(i) PN 10	no	1	R	R
	(ii) PN 16	no	1	R	R
	(iii) PN 25	no	1	R	R
	b) <u>100 DN</u>				
	(i) PN 10	no	1	R	R
	(ii) PN 16	no	1	R	R
	(iii) PN 25	no	1	R	R
	c) <u>150 DN</u>				
	(i) PN 10	no	1	R	R
			1		R
	(ii) PN 16	no		R	
	(iii) PN 25	no	1	R	R
	d) <u>200 DN</u>				
	(i) PN 10	no	1	R	R
	V		1		
	(ii) PN 16	no	1	R	R
	(iii) PN 25	no	1	R	R
	()				
5.1.12	Pressure test				
	a) <u>80 DN</u> (i) PN 10		1	R	R
	(I) PN 10	no	1	K	K
	(ii) PN 16	no	1	R	R
	(iii) PN 25	no	1	R	R
	b) <u>100 DN</u>				
	(i) PN 10	no	1	R	R
	(ii) PN 16	no	1	R	R
	(iii) PN 25	no	1	R	R
	c) <u>150 DN</u>				
	(i) PN 10	no	1	R	R
	(ii) PN 16	no	1	R	R



ii) PN 25 00 DN) PN 10 i) PN 16 ii) PN 25 t pressure test certificate 80 DN) PN 10 i) PN 16 ii) PN 25 00 DN) PN 10 ii) PN 16 iii) PN 25 50 DN) PN 10 ii) PN 16 iii) PN 25	no no no no no no	1 1 1 1 1 1 1	R R R R R R R R R R R	R R R R R R R
00 DN) PN 10 i) PN 16 ii) PN 25 t pressure test certificate 80 DN) PN 10 ii) PN 16 iii) PN 25 00 DN) PN 10 ii) PN 10 ii) PN 10 ii) PN 25	no no no no no no	1 1 1 1 1 1	R R R R R R R	R R R R R R
) PN 10 ii) PN 16 iii) PN 25 t pressure test certificate 80 DN) PN 10 ii) PN 16 iii) PN 25 00 DN) PN 10 ii) PN 10 ii) PN 10 ii) PN 16 iii) PN 25	no no no no no no	1 1 1 1 1	R R R R R R R	R R R R R
) PN 10 ii) PN 16 iii) PN 25 t pressure test certificate 80 DN) PN 10 ii) PN 16 iii) PN 25 00 DN) PN 10 ii) PN 10 ii) PN 10 ii) PN 16 iii) PN 25	no no no no no no	1 1 1 1 1	R R R R R R R	R R R R R
ii) PN 16 iii) PN 25 t pressure test certificate 80 DN) PN 10 ii) PN 16 iii) PN 25 00 DN) PN 10 ii) PN 10 ii) PN 10 ii) PN 25	no no no no no no	1 1 1 1 1	R R R R R R R	R R R R R
t pressure test certificate 80 DN PN 10 PN 16 PN 25 00 DN PN 10 PN 10 PN 10 PN 10 PN 25 50 DN PN 10	no no no no no	1 1 1 1	R R R R R R	R R R R
80 DN PN 10 i) PN 16 ii) PN 25 00 DN PN 10 i) PN 10 ii) PN 25 50 DN PN 10	no no no no	1 1 1 1	R R R R	R R R R
80 DN) PN 10 i) PN 16 ii) PN 25 00 DN) PN 10 ii) PN 16 iii) PN 25 50 DN) PN 10	no no no no no	1 1 1	R R R R	R R R R
80 DN) PN 10 i) PN 16 ii) PN 25 00 DN) PN 10 ii) PN 16 iii) PN 25 50 DN) PN 10	no no no no no	1 1 1	R R R R	R R R R
) PN 10 i) PN 16 ii) PN 25 00 DN) PN 10 ii) PN 16 iii) PN 25 50 DN) PN 10	no no no no no	1 1 1	R R R R	R R R R
i) PN 16 ii) PN 25 00 DN) PN 10 i) PN 16 ii) PN 25 50 DN) PN 10	no no no no no	1 1 1	R R R R	R R R R
00 DN 00 DN 00 PN 10 i) PN 16 ii) PN 25 50 DN 0 PN 10	no no no no	1 1 1	R R R	R R R
00 DN) PN 10 i) PN 16 ii) PN 25 50 DN) PN 10	no no no	1	R R	R R
) PN 10 i) PN 16 ii) PN 25 <u>50 DN</u>) PN 10	no no	1	R	R
i) PN 16 ii) PN 25 <u>50 DN</u>) PN 10	no no	1	R	R
ii) PN 25 <u>50 DN</u>) PN 10	no	_		
<u>50 DN</u>) PN 10		1	R	R
) PN 10	no			İ
) PN 10	no	Ī		
		1	R	R
,	no	1	R	R
		1		
ii) PN 25	no	1	R	R
00 DN				
) PN 10	no	1	R	R
i) PN 16		1	R	R
ii) PN 25	no	1	R	R
port to site				
<u>0 DN</u>				
<u>0 DN</u>) PN 10	no	1	R	R
i) PN 16		1	R	R
ii) PN 25		1	R	R
,, , , , , , , , , , , , , , , , , , , ,	110	-	`	
<u>00 DN</u>				
) PN 10	no	1	R	R
	no	1		R
	no	1	R	R
50 DN				
	no	1	R	R
		1		R
, , , , , ,	110	-		
	20	1	R	R
ii\ PN 25	1 110			lix
	i) PN 16 ii) PN 25 50 DN) PN 10 i) PN 16	ii) PN 25 no 50 DN) PN 10 no ii) PN 16 no	ii) PN 25 no 1 50 DN) PN 10 no 1 ii) PN 16 no 1	ii) PN 25 no 1 R 50 DN) PN 10 i) PN 16 no 1 R no 1 R



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d) 200 DN	ITEM NO.	DESCRIPTION	UNIT	QTY	PRICE	TOTAL PRICE
(i) PN 10 (ii) PN 16 (iii) PN 25 (iii) PN 25 (iii) PN 25 (iii) PN 25 (iii) PN 25 (iii) PN 10 (ii) PN 10 (iii) PN 16 (iii) PN 25 (iii) PN 25 (iii) PN 16 (iii) PN 10 (iii) PN 10 (iii) PN 10 (iii) PN 10 (iii) PN 10 (iii) PN 10 (iii) PN 10 (iii) PN 10 (iii) PN 10 (iii) PN 10 (iii) PN 10 (iii) PN 10 (iii) PN 10 (iii) PN 25 (iiii) PN 25 (iiiii) PN 25 (iiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiii		d) 200 DN				
(ii) PN 16 (iii) PN 25 Install a) 30 DN (i) PN 10 (ii) PN 16 (iii) PN 25 D) 100 DN (i) PN 16 (iii) PN 25 D) 100 DN (i) PN 16 (iii) PN 25 D) 150 DN (i) PN 10 (ii) PN 16 (iii) PN 25 D) 100 DN (i) PN 10 (ii) PN 16 (iii) PN 25 D) 100 DN (i) PN 10 (ii) PN 16 (iii) PN 25 (iii) PN 25 (iii) PN 16 (iii) PN 25 (iii) PN 16 (iii) PN 25 (iii) PN 16 (iii) PN 16 (iii) PN 25 (iii) PN 16 (iii) PN 25 (iii) PN 16 (iii) PN 25 (iii) PN 16 (iii) PN 25 (iii) PN 16 (iii) PN 25 (iii) PN 16 (iii) PN 25 (iii) PN 16 (iii) PN 25 (iii) PN 16 (iii) PN 25 (iii) PN 16 (iii) PN 25 (iii) PN 16 (iii) PN 25 (iii) PN 16 (iii) PN 25 (iii) PN 16 (iii) PN 25 (iii) PN 16 (iii) PN 25 (iii) PN 16 (iii) PN 25 (iii) PN 16 (iii) PN 25 (iii) PN 16 (iii) PN 25 (iii) PN 10 (iiii) PN 25 (iii) PN 25 (iiii) PN 25 (iiii) PN 25 (iii			200	1	D	Ь
(iii) PN 25						
1.1.15				_		
a) 80 DN (i) PN 10 (ii) PN 16 (iii) PN 25 (iii) PN 25 (iii) PN 10 (ii) PN 10 (ii) PN 10 (ii) PN 10 (iii) PN 25 (iii) PN 25 (iii) PN 25 (iii) PN 10 (i) PN 10 (i) PN 10 (i) PN 10 (i) PN 10		(III) PN 25	no	1	R	R
(i) PN 10 (ii) PN 16 (iii) PN 25 (iii) PN 25 (iii) PN 10 (ii) PN 10 (ii) PN 16 (iii) PN 25 (iii) PN 25 (iii) PN 16 (iii) PN 10 (i) PN 10 (i) PN 10 (i) PN 10 (i) PN 10 (ii) PN 10 (ii) PN 16 (iii) PN 25 (iii) PN 25 (iii) PN 25 (iv) PN 10 (iv) P	.1.15					
(ii) PN 16 (iii) PN 25 b) 100 DN (i) PN 10 (ii) PN 16 (iii) PN 25 no 1 R R (iii) PN 25 no 1 R R (iii) PN 25 no 1 R R (iii) PN 16 (iii) PN 10 no 1 R R (iii) PN 16 (iii) PN 10 no 1 R R (iii) PN 16 (iii) PN 16 (iii) PN 16 (iii) PN 16 (iii) PN 16 (iii) PN 16 (iii) PN 16 (iii) PN 16 (iii) PN 25 no 1 R R (iii) PN 25						
(iii) PN 25		(i) PN 10	no	1	R	
b) 100 DN (i) PN 10 (ii) PN 16 (iii) PN 25 c) 150 DN (i) PN 10 no 1 R R (ii) PN 16 (iii) PN 25 no 1 R R (iii) PN 16 (iii) PN 25 no 1 R R (iii) PN 16 (iii) PN 16 (iii) PN 16 (iii) PN 25 no 1 R R 1.1.16 Commission a) 80 DN (i) PN 10 (ii) PN 16 (iii) PN 25 no 1 R R 1.1.17 A R R 1.1.18 Commission a) 80 DN (i) PN 10 (ii) PN 16 (iii) PN 25 no 1 R R R Commission a) R A R A R Commission a) R B D DN (i) PN 10 (ii) PN 10 (ii) PN 16 (iii) PN 25 no 1 R R R Commission a) R Commission a) R A R Commission a) R A R A R A R A R A R A R A R		(ii) PN 16	no	1	R	
(i) PN 10 (ii) PN 16 (iii) PN 25 (iii) PN 25 (iii) PN 10 (i) PN 10 (i) PN 10 (i) PN 10 (i) PN 10 (i) PN 16 (ii) PN 25 (ii) PN 16 (ii) PN 25 (ii) PN 16 (iii) PN 25 (iii) PN 16 (iii) PN 16 (iii) PN 25 (iii) PN 16 (iii) PN 16 (iii) PN 25 (iii) PN 16 (iii) PN 16 (iii) PN 25 (iii) PN 16 (iii) PN 25 (iii) PN 16 (iiii) PN 16 (iiii) PN 16 (iiiiii) PN 16 (iiii) PN 16 (iiii) PN 16 (iiii) PN 16 (iiii) PN 16 (i		(iii) PN 25	no	1	R	R
(i) PN 10 (ii) PN 16 (iii) PN 25 (iii) PN 25 (iii) PN 10 (i) PN 10 (i) PN 10 (i) PN 10 (i) PN 16 (ii) PN 25 (ii) PN 16 (iii) PN 25 (ii) PN 16 (iii) PN 25 (iii) PN 16 (iiii) PN 16 (iiiii) PN 16 (iiii) PN 16 (iiii) PN 16 (iiiii) PN 16 (iiiiiii) PN 16 (iiiii) P		b) 100 DN				
(ii) PN 16 (iii) PN 25 (ii) PN 25 (i) PN 10 (i) PN 10 (i) PN 10 (ii) PN 16 (iii) PN 25 (ii) PN 16 (iii) PN 25 (iii) PN 16 (iii) PN 16 (iii) PN 16 (iii) PN 16 (iii) PN 16 (iii) PN 16 (iii) PN 16 (iii) PN 16 (iii) PN 25 (iii) PN 16 (iii) PN 25 (iii) PN 10 (iii) PN 10 (iii) PN 10 (iii) PN 10 (iii) PN 10 (iii) PN 10 (iii) PN 25 (iii) PN 25 (iv) PN 10 (iv			no	1	R	R
c) 150 DN (i) PN 10 no l R R (iii) PN 16 (iii) PN 25 no l R R d) 200 DN (i) PN 10 (ii) PN 16 (iii) PN 25 no l R R d) (iii) PN 25 no l R R 1.1.16 Commission a) 80 DN (i) PN 10 (ii) PN 16 (iii) PN 25 no l R R no l R R no l R R R b) 100 DN (i) PN 10 (ii) PN 10 (ii) PN 10 (ii) PN 25 no l R R c) 150 DN (i) PN 10 no l R R no l R R				_		
(ii) PN 10 no 1		(iii) PN 25	no	1	R	R
(ii) PN 10		c) 150 DN				
(iii) PN 25 d) 200 DN (i) PN 10 (ii) PN 16 (iii) PN 25 no			no	1	R	R
(i) PN 10 (ii) PN 16 (iii) PN 25 2.1.16 Commission a) 80 DN (i) PN 10 (ii) PN 16 (iii) PN 25 no 1 R R R R R R R R R R R R R R R R R R R						
(i) PN 10 (ii) PN 16 (iii) PN 25 commission a) 80 DN (i) PN 10 (ii) PN 16 (iii) PN 25 no 1 R R R R R R R R R R R R R R R R R R R		d) 200 DN				
(ii) PN 16 (iii) PN 25 no 1 R R R 1.1.16 Commission a) 80 DN (i) PN 10 (ii) PN 16 (iii) PN 25 no 1 R R R R R 1.1.16 Commission a) 80 DN (i) PN 10 (ii) PN 16 (iii) PN 25 no 1 R R R R C) 150 DN (i) PN 10 no 1 R R R R R			no	1	D	Þ
(iii) PN 25 no 1 R R R Commission a) 80 DN (i) PN 10 (ii) PN 16 (iii) PN 25 no 1 R R R R b) 100 DN (i) PN 10 (ii) PN 16 (ii) PN 16 (iii) PN 25 no 1 R R R c) 150 DN (i) PN 10 no 1 R R R R				_		
.1.16 Commission						
a) 80 DN (i) PN 10 no 1 R R (ii) PN 16 no 1 R R (iii) PN 25 no 1 R R b) 100 DN (i) PN 10 no 1 R R (ii) PN 16 no 1 R R (iii) PN 25 no 1 R R c) 150 DN (i) PN 10 no 1 R R R		(III) PN 25	no	1	K	K
(i) PN 10 (ii) PN 16 (iii) PN 25 no 1 R R R (iii) PN 25 no 1 R R R b) 100 DN (i) PN 10 no 1 R R R (ii) PN 16 (ii) PN 16 (iii) PN 25 no 1 R R R c) 150 DN (i) PN 10 no 1 R R R	.1.16					
(ii) PN 16 (iii) PN 25 no 1 R R R b) 100 DN (i) PN 10 (ii) PN 16 (iii) PN 25 no 1 R R R R R R R R R R R R R R						
(iii) PN 25 no 1 R R h) 100 DN (i) PN 10 (ii) PN 16 (iii) PN 25 no 1 R R R R R R R R R R R R R R			1.0			
b) 100 DN (i) PN 10 (ii) PN 16 (iii) PN 25 c) 150 DN (i) PN 10				1		R
(i) PN 10 (ii) PN 16 (iii) PN 25 (iii) PN 25 (i) 150 DN (i) PN 10 no 1 R R R R R R R R R R R R R R R R R R R		(iii) PN 25	no	1	R	R
(ii) PN 16 (iii) PN 25 c) 150 DN (i) PN 10 no 1 R R R		b) <u>100 DN</u>		1		
(ii) PN 16 (iii) PN 25 c) 150 DN (i) PN 10 no 1 R R R		(i) PN 10	no	1	R	R
(iii) PN 25 no l R R c) 150 DN (i) PN 10 no l R R			no	1		R
(i) PN 10 no 1 R R				1		
(i) PN 10 no 1 R R		c) 150 DN				
(ii) PN 16			no	1	R	R
(ii) PN 16		<u> </u>				
		(ii) PN 16	no	1	R	R
(iii) PN 25 no 1 R R				1		



ITEM NO.	DESCRIPTION	UNIT	QTY	PRICE	TOTAL PRICE
	d) <u>200 DN</u>				
	(i) PN 10	no	1	R	R
	(ii) PN 16	no	1	R	R
	(iii) PN 25	no	1	R	R
6.2	Supply, install and commission the following gate valves fitted with wedge gates. Valves to comply with SABS 662, waterworks applications with cap top, plain thrust collar, non-rising spindle, clock- wise closing and having flanged ends:				
	a) <u>80 DN</u>				
	(i) PN 10	no	1	R	R
	(ii) PN 16		1	R	R
	(II) FIN IO	no	1	K	K
	(iii) PN 25	no	1	R	R
	b) 100 DN				
	(i) PN 10	no	1	R	R
		1	ì	<u> </u>	
	(ii) PN 16	no	1	R	R
	(iii) PN 25	no	1	R	R
	c) 150 DN				
	(i) PN 10	no	1	R	R
	(ii) PN 16	no	1	R	R
	(iii) PN 25	no	1	R	R
	d) <u>200 DN</u>				
	(i) PN 10	no	1	R	R
	(ii) PN 16	no	1	R	R
	(iii) PN 25	no	1	R	R
6.3	Specialist Dayworks (compulsory)				
5.3.1	Dayworks labour by specialist valve subcontractor.	hr	1	R	R
5.4	Mark-up rates				
6.4.1	Percentage mark-up on rates listed on term contracts	%	R100 000	%	R
5.4.2	Percentage mark-up on items (with attached invoices) approved by the Employer or his representative for materials, (other than those set out in this list) used in execution of work ordered by the Employer	%	R100 000	%	R
6.5	Tip trucks				
		1	1	L	_
	(a) 6 m^3	h	1	R	R



ITEM NO.	DESCRIPTION	UNIT	QTY	PRICE	TOTAL PRICE
6.6	Flat bed trucks				
	(a) 5t	km	1	R	R
	(b) 7t	km	1	R	R
6.7	LDV				
	(a) 2 x 2WD	km	1	R	R
	(b) 2 x 2WD	km	1	R	R
				R	



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SCHEDULE 7: RESILIENT SEAL GATE VALVES AND SUPPLY OF ALL MATERIAL

ITEM NO.	DESCRIPTION	UNIT	QTY	PRICE	TOTAL PRICE
7.	WATERWORKS GATE VALVES				
<i>t</i> .	Valves fitted with wedge gates. Valves in compliancewith SABS 662, waterworks applications with plain thrust collar, non-rising spindle and flanged ends.				
	Note: Rates to include the cost of all staff required plus overheads where appropriate and the guarantee of all parts, materials and workmanship, but exclude the cost of spares unless the latter is specified.				
7.1	Servicing and repair of valves in the following dia- meters and pressure ratings:				
7.1.1	Remove valve a) 80 DN (i) PN 10 (ii) PN 16 (iii) PN 25	no no no	1 1 1	R R R	R R R
	b) <u>100 DN</u> (i) PN 10 (ii) PN 16	no no	1 1 1	R R	R R
	(iii) PN 25	no	1	R	R
	c) <u>150 DN</u> (i) PN 10	no	1	R	R
	(ii) PN 16	no	1	R	R
	(iii) PN 25	no	1	R	R
	d) <u>200 DN</u> (i) PN 10 (ii) PN 16 (iii) PN 25	no no no	1 1 1	R R R	R R R
7.1.2	Dismantle a) 80 DN (i) PN 10 (ii) PN 16 (iii) PN 25	no no no	1 1 1 1	R R R	R R R
	b) <u>100 DN</u> (i) PN 10 (ii) PN 16	no no	1	R R	R R



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ITEM NO.	DESCRIPTION		QTY	PRICE	TOTAL
					PRICE
	(iii) PN 25	no	1	R	R
) 450 PM				
	c) <u>150 DN</u> (i) PN 10	no	1	R	R
	(ii) PN 16	no no	1	R	R
	(ii) PN 25	no	1	R	R
	(11)	110	1		
	d) <u>200 DN</u>		1		5
	(i) PN 10	no	1	R R	R R
	(ii) PN 16 (iii) PN 25	no	1	R	R
	(III) FN 25	no	1	K	K
	<u>Blast</u>				
	a) <u>80 DN</u>				
	(i) PN 10	no	1	R	R
	(ii) PN 16	no	1	R	R
	(iii) PN 25	no	1	R	R
	b) 100 DN				
	(i) PN 10 (ii) PN 16	no no	1	R R	R R
	(1)		1		
	(iii) PN 25	no	1	R	R
	c) <u>150 DN</u>				
	(i) PN 10	no	1	R	R
	(ii) PN 16	no	1	R	R
	(iii) PN 25	no	1	R	R
	d) <u>200 DN</u>				
	(i) PN 10	no	1	R	R
	(ii) PN 16	no	1	R	R
	(4)				
	(iii) PN 25	no	1	R	R
'.1.2	<u>Clean</u>				
	a) <u>80 DN</u>				
	(i) PN 10	no	1	R	R R R
	(ii) PN 16	no	1	R	R
	(iii) PN 25	no	1	R	R
	b) <u>100 DN</u>				
	(i) PN 10	no	1	R	R
	(ii) PN 16	no	1	R	R
	(iii) PN 25	no	1	l _D	R
	(111) 1 14 23	no	1	R	K



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ITEM NO.	DESCRIPTION	UNIT	QTY	PRICE	TOTAL PRICE
	(i) PN 10	no	1	R	R
	(ii) PN 16	no	1	R	R
	(iii) PN 25	no	1	R	R
	d) <u>200 DN</u>				
	(i) PN 10	no	1	R	R
	(ii) PN 16	no	1	R	R
	(iii) PN 25	no	1	R	R
7.1.5	Inspect				
	a) <u>80 DN</u>		4	_	Б
	(i) PN 10	no	1	R	R
	(ii) PN 16	no	1	R R	R R
	(iii) PN 25	no	1	K	K
	b) <u>100 DN</u> (i) PN 10	no	1	R	R
	(ii) PN 16	no	1	R	R
	(iii) PN 25	no	1	R	R
	c) <u>150 DN</u>				
	(i) PN 10	no	1	R	R
	(ii) PN 16	no	1	R	R
	(iii) PN 25	no	1	R	R
	d) <u>200 DN</u>				
	(i) PN 10	no	1	R	R
	(ii) PN 16	no	1	R	R
	(iii) PN 25	no	1	R	R
	Submit inspection report				
	a) <u>80 DN</u>			R	K
	(i) PN 10	no	1	R	R R R
	(ii) PN 16	no	1	R	K
	(iii) PN 25	no	1	R	
	b) 100 DN				
	(i) PN 10		1	R	R
	(ii) PN 16	no	1	R	R
	(iii) PN 25	no	1	R	R
	c) <u>150 DN</u>	i		ĺ	1



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ITEM NO.	DESCRIPTION	UNIT	QTY	PRICE	TOTAL PRICE
	(i) PN 10	no	1	R	R
	(ii) PN 16	no	1	R	R
	(iii) PN 25	no	1	R	R
	d) <u>200 DN</u> (i) PN 10	no	1	R	R
	(ii) PN 16		1	R	R
	(iii) PN 25	no	1	R	R
.1.7	<u>La</u>				
	<u>p</u> a) <u>80 DN</u>				
	(i) PN 10		1	R	R
	(ii) PN 16		1	R R	R R
	(iii) PN 25	no	1	K	K
	b) <u>100 DN</u> (i) PN 10	no	1	R	R
	(ii) PN 16	no	1	R	R
	(iii) PN 25	no	1	R	R
	c) <u>150 DN</u>		4	D	D
	(i) PN 10	no	1	R	R
	(ii) PN 16	no	1	R	R
	(iii) PN 25	no	1	R	R
	d) <u>200 DN</u>				
	(i) PN 10	no	1	R	R
	(ii) PN 16	no	1	R	R
	(iii) PN 25	no	1	R	R
'.1.8	Re-blast				
	a) <u>80 DN</u>				
	(i) PN 10		1	R	R
	(ii) PN 16 (iii) PN 25		1 1	R R	R R R
	b) <u>100 DN</u>				
	(i) PN 10		1	R	R R
	(ii) PN 16	no	1	R	R
	(iii) PN 25	no	1	R	R



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ITEM NO.	DESCRIPTION	UNIT	QTY	PRICE	TOTAL
	c) <u>150 DN</u>				PRICE
	(i) PN 10	no	1	R	R
	(ii) PN 16	no	1	R	R
	(iii) PN 25	no	1	R	R
	d) <u>200 DN</u>				
	(i) PN 10	no	1	R	R
	(ii) PN 16	no	1	R	R
	(iii) PN 25	no	1	R	R
7.1.9	Epoxy coat (min thickness 300 micron) a) 80 DN				
	(a) <u>80 DN</u> (i) PN 10	no	1	R	R
	(ii) PN 16	no	1	R	R
	(iii) PN 25	no	1	R	R
	b) <u>100 DN</u> (i) PN 10	no	1	R	R
	(ii) PN 16	no	1	R	R
	(iii) PN 25	no	1	R	R
	c) <u>150 DN</u>				
	(i) PN 10	no	1	R	R
	(ii) PN 16	no	1	R	R
	(iii) PN 25	no	1	R	R
	d) <u>200 DN</u>				
	(i) PN 10	no	1	R	R
	(ii) PN 16	no	1	R	R
	(iii) PN 25	no	1	R	R
7.1.10	Reassemble				
	a) <u>80 DN</u>				_
	(i) PN 10 (ii) PN 16	no no	1	R R	K R
	(ii) PN 16 (iii) PN 25	no	1 1	R	R R R
	b) 100 DN				
	(i) PN 10		1	R	R R
	(ii) PN 16	no	1	R	
	(iii) PN 25	no	1	R	R
	I	I		1	1



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ITEM NO.	DESCRIPTION	UNIT	QTY	PRICE	TOTAL PRICE
	c) <u>150 DN</u> (i) PN 10	no	1	R	R
	(ii) PN 16	no	1	R	R
	(iii) PN 25	no	1	R	R
	d) <u>200 DN</u>			5	
	(i) PN 10	no	1	R	R
	(ii) PN 16	no	1	R	R
	(iii) PN 25	no	1	R	R
.1.11	Pressure test				
	a) <u>80 DN</u>		1	D	D
	(i) PN 10 (ii) PN 16	no no	1	R R	R R
	(ii) PN 25	no	1	R	R
	b) 100 DN (i) PN 10	no	1	R	R
	(i) PN 16	no	1	R	R
	(iii) PN 25	no	1	R	R
	c) <u>150 DN</u>				
	(i) PN 10	no	1	R	R
	(ii) PN 16	no	1	R	R
	(iii) PN 25	no	1	R	R
	d) 200 DN				
	(i) PN 10	no	1	R	R
	(ii) PN 16	no	1	R	R
	(iii) PN 25	no	1	R	R
'.1.12	Submit pressure test certificate				
-	a) <u>80 DN</u>				
	(i) PN 10	no	1	R	R
	(ii) PN 16	no	1	R	R R R
	(iii) PN 25	no	1	R	R
	b) 100 DN				
	(i) PN 10	no	1	R	R
	(ii) PN 16	no	1	R	R
			•		



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ITEM NO.	DESCRIPTION	UNIT	QTY	PRICE	TOTAL PRICE
	c) 150 DN				PRICE
	(i) PN 10	no	1	R	R
	(ii) PN 16	no	1	R	R
	(iii) PN 25	no	1	R	R
	d) <u>200 DN</u> (i) PN 10	no	1	R	R
	(ii) PN 16	no	1	R	R
	(iii) PN 25	no	1	R	R
7.1.13	<u>Install</u>				
	a) <u>80 DN</u> (i) PN 10	200	1	D	D
	(i) PN 10 (ii) PN 16	no no	1 1	R R	R R
	(iii) PN 25	no	1	R	R
	b) 100 DN				
	(i) PN 10 (ii) PN 16	no No	1	R R	R R
	(iii) PN 25	No	1	R	R
	c) <u>150 DN</u> (i) PN 10	No	1	R	R
	(ii) PN 16	No	1	R	R
	(iii) PN 25	no	1	R	R
	d) <u>200 DN</u> (i) PN 10	no	1	R	R
	(ii) PN 16	no	1	R	R
	(iii) PN 25	no	1	R	R
7.1.12	Commission a) 80 DN				
	(i) PN 10	no	1	R	R
	(ii) PN 16	no	1	R	R R R
	(iii) PN 25	no	1	R	R
	b) <u>100 DN</u> (i) PN 10	no	1	R	R
	(i) PN 16	no	1	R	R
				R	R
	(iii) PN 25	no	1	L.	IN.
		-			



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ITEM NO.	DESCRIPTION	UNIT	QTY	PRICE	TOTAL PRICE
	c) <u>150 DN</u>				
	(i) PN 10	no	1	R	R
	(ii) PN 16	no	1	R	R
	(iii) DN 25	no	1	R	R
	(iii) PN 25	no	1	K	K
	d) 200 DN				
	(i) PN 10	no	1	R	R
	(ii) PN 16	no	1	R	R
	(iii) PN 25	no	1	R	R
7.2	Supply, install and commission the following gate				
	valves fitted with wedge gates. Valves to comply				
	with SABS 662, waterworks applications with cap				
	top, plain thrust collar, non-rising spindle, clock-				
	wise closing and having flanged ends:				
	a) <u>80 DN</u>		1.	_	
	(i) PN 10	no	1	R	R
	(ii) PN 16	no	1	R	R
	(iii) PN 25	no	l ₁	R	R
	()	1.0			
	b) <u>100 DN</u>				
	(i) PN 10	no	1	R	R
	(ii) PN 16	no	1	R	R
				_	
	(iii) PN 25	no	1	R	R
	c) <u>150 DN</u>				
	(i) PN 10	no	1	R	R
	(4)		ľ		
	(ii) PN 16	no	1	R	R
	(iii) PN 25	no	1	R	R
	d) 200 <u>DN</u>				
	(i) PN 10	no	1	R	R
	(1)	110	'		
	(ii) PN 16	no	1	R	R
	(iii) PN 25	no	1	R	R
		<u> </u>	1		
7.3	Mark-up rates				
7.3.1	Percentage mark-up on rates listed on term contracts	%	R100 000	%	R
7.3.2	Percentage mark-up on items (with attached invoices) approved				
	by the				
	Employer or his representative for materials, (other than those				
	set out in	0/	D400 000	6.4	_
	this list) used in execution of work ordered by the Employer	%	R100 000	%	R
7.3.3	Tip trucks				
	11p (1ucks	I	1	 104 of 147	I



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ITEM NO.	DESCRIPTION	UNIT	QTY	PRICE	TOTAL PRICE
	(a) 6 m^3	h	1	R	R
	(b) 10 m ³	h	1	R	R
7.3.4	Flat bed trucks				
	(a) 5t	km	1	R	R
	(b) 7t	km	1	R	R
7.3.5	LDV				
	(a) 2 x 2WD	km	1	R	R
	(b) 2 x 2WD	km	1	R	R

TOTAL OF SCHEDULE 8 CARRIED FORWARD TO SUMMARY



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SCHEDULE 8 : WAFER PATTERN CHECK VALVES AND THE SUPPLY OF ALL MATERIAL

ITEM NO.	DESCRIPTION	UNIT	QTY	PRICE	TOTAL PRICE
8.	WAFED DATTEDN CHECK VALVES			R	
0.	WAFER PATTERN CHECK VALVES Compact, single door, wafer pattern check valves.			K	
	panem cross raises				
	Note:				
	Rates to include the cost of all staff required plus overheads				
	where appropriate and the guarantee of all parts, materials and workmanship, but exclude the cost of spares unless the latter is				
	specified.				
8.1	Servicing and repair of valves in the following diameters and				
	pressure rating PN25				
8.1.1	Remove valve				
	a) 100 DN	no	1	R	R
	b) 150 DN	no	1	R	R
	c) 200DN	no	1	R	R
8.1.2	<u>Dismantle</u>				
	a) 100 DN	no	1	R	R
	b) 150 DN	no	1	R	R
	c) 200DN	no	1	R	R
8.1.3	Blast				
	a) 100 DN	no	1	R	R
	b) 150 DN	no	1	R R	R R
	c) 200DN	no	1	K	K
8.1.2	Clean				
	a) 100 DN	no	1		
	b) 150 DN c) 200DN	no no	1		
8.1.5	Inspect	110	1		
	a) 100 DN	no	1		
	b) 150 DN	no	1		
0.4.0	c) 200DN	no	1		
8.1.6	Submit inspection report a) 100 DN	no	1		
	b) 150 DN	no	1		
	c) 200DN	no	1		
8.1.7	Epoxy coat (min thickness 300 micron)				
J	a) 100 DN	no	1		
	b) 150 DN	no	1		
	c) 200DN	no	1		
8.1.8	Reassemble				
	a) 100 DN	no	1		
	b) 150 DN	no	1		
	c) 200DN	no	1		



ITEM NO.	DESCRIPTION	UNIT	QTY	PRICE	TOTAL PRICE
8.1.9	Pressure test				
	a) 100 DN	no	1		
	b) 150 DN	no	1		
	c) 200DN	no	1		
8.1.10	Submit pressure test certificate				
	a) 100 DN	no	1	R	R
	b) 150 DN	no	1	R	R
	c) 200DN	no	1	R	R
8.1.11	<u>Install</u>				
	a) 100 DN	no	1	R	R
	b) 150 DN	no	1	R	R
	c) 200DN	no	1	R	R
8.1.12	Commission a) 100 DN	no	1	R	R
	b) 150 DN		1	R	R
		no	1		
	c) 200DN	no		R	R
8.2	Supply, install and commission the following completely new compact wafer pattern check valves, having a free unobstructed orifice when open. Valve to have a cast iron body, a single stainless steel disc with torsion spring and inserted seat with sealing O-ring. Valve suitable for installation between the specified flange pressure ratings.				
	a) <u>100 DN</u>				
	(i) PN 25	no	1	R	R
	(ii) PN 20	no	1	R	R
	b) <u>150 DN</u>				
	(i) PN 25	no	1	R	R
	(ii) PN 20	no	1	R	R
	c) 200 DN				
	(i) PN 25	no	1	R	R
	(ii) PN 20	no	1	R	R
8.3 8.3.1 8.3.2	Mark-up rates Percentage mark-up on rates listed on term contracts Percentage mark-up on items (with attached invoices) approved by the Employer or his representative for materials, (other than those set out in this list) used in execution of work ordered by the Employer	%	%	%	%



ITEM NO.	DESCRIPTION	UNIT	QTY	PRICE	TOTAL PRICE
		%	%	%	%
8.3.3	Tip trucks (a) 6 m ³ (b) 10 m ³	h h	1 1	R R	R R
8.3.4	Flat bed trucks (a) 5t (b) 7t	km km	1 1	R R	R R
8.3.5	LDV (a) 2 x 2WD (b) 2 x 2WD	km km	1 1	R R	R R
				R R	R



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SCHEDULE 9: HYDRAULIC FLOW CONTROL VALVES AND THE SUPPLY OF ALL MATERIAL

ITEM NO.	DESCRIPTION	UNIT	QTY	PRICE	TOTAL PRICE
9.	HYDRAULIC FLOW CONTROL VALVES Hydraulically operated, Y-pattern body, flow rate control valve with double-chambered diaphragm actuator, complete with pitot tube, flow rate pilot valve and large control filter.				
	Note: Rates to include the cost of all staff required plus overheads where appropriate and the guarantee of all parts, materials and workmanship, but exclude the cost of spares unless the latter is specified.				
9.1	Servicing and repair of valves in the following dia- meters and pressure rating:				
9.1.1	Remove valve a) 100DN (i) PN 16 (ii) PN 25	no no	1	R R	R R
	b) <u>150DN</u> (i) PN 16 (ii) PN 25	no no	1	R R	R R
	c) <u>200DN</u> (i) PN 16 (ii) PN 25	no no	1 1	R R	R R
9.1.2	Dismantle a) 100DN (i) PN 16 (ii) PN 25 b) 150DN (i) PN 16 (ii) PN 25	no no no	1 1 1	R R R	R R R
	c) <u>200DN</u> (i) PN 16 (ii) PN 25	no no	1 1	R R	R R
9.1.3	Blast a) 100DN (i) PN 16 (ii) PN 25	no no	1	R R	R R
	b) 150DN (i) PN 16 (ii) PN 25 c) 200DN	no no	1 1	R R	R R



ITEM NO.	DESCRIPTION	UNIT	QTY	PRICE	TOTAL PRICE
	(i) PN 16	no	1	R	R
9.1.4	(ii) PN 25 <u>Clean</u>	no	1	R	R
	a) <u>100DN</u>				
	(i) PN 16	no	1	R	R
	(ii) PN 25	no	1	R	R
	b) <u>150DN</u> (i) PN 16	no	1	D	Б
	(1) FN 10	110	1	R	R
	(ii) PN 25	no	1	R	R
	c) <u>200DN</u>				
	(i) PN 16	no	1	R	R
	(ii) PN 25	no	1	R	R
9.1.5	Inspect all wearing parts including pilot valve				
9.1.5	a) 100DN				
	(i) PN 16	no	1	R	R
	(ii) PN 25	no	1	R	R
	b) <u>150DN</u>				
	(i) PN 16	no	1	R	R
	(ii) PN 25	no	1	R	R
	c) <u>200DN</u>				
	(i) PN 16	no	1	R	R
	(ii) PN 25	no	1	R	R
9.1.6	Submit inspection report				
	a) <u>100DN</u>				
	(i) PN 16	no	1	R	R
	(ii) PN 25	no	1	R	R
	b) <u>150DN</u>				
	(i) PN 16	no	1	R	R
	(::) PN 05		4	_	
	(ii) PN 25	no	1	R	R
	c) <u>200DN</u>				
	(i) PN 16	no	1	R	R
	(ii) PN 25	no	1	R	R
9.1.7	Replace body seats				
	a) <u>100DN</u>		1		
	(i) PN 16 (ii) PN 25	no no	1	R R	R R
	(11) 111 20	110	1	11	11



ITEM NO.	DESCRIPTION	UNIT	QTY	PRICE	TOTAL PRICE
	b) <u>150DN</u> (i) PN 16	no	1	R	R
	(ii) PN 25	no	1	R	R
	c) <u>200DN</u> (i) PN 16	no	1	R	R
	(ii) PN 25	no	1	R	R
9.1.8	Epoxy coat (min thickness 300 micron) a) 100DN				
	(i) PN 16 (ii) PN 25	no no	1 1	R R	R R
	b) <u>150DN</u> (i) PN 16 (ii) PN 25	no no	1 1	R R	R R
	c) <u>200DN</u> (i) PN 16 (ii) PN 25	no no	1 1	R R	R R
9.1.9	Reassemble	<u> </u>	<u> </u> 		
0.1.0	a) <u>100DN</u> (i) PN 16	no	1	R	R
	(ii) PN 25	no	1	R	R
	b) <u>150DN</u> (i) PN 16	no	1	R	R
	(ii) PN 25	no	1	R	R
	c) <u>200DN</u> (i) PN 16	no	1	R	R
	(ii) PN 25	no	1	R	R
9.1.10	Pressure test and reset operation limits a) 100DN (i) PN 16 (ii) PN 25	no no	1 1	R R	R R
	b) <u>150DN</u> (i) PN 16 (ii) PN 25	no no	1 1	R R	R R
	c) <u>200DN</u>	<u> </u>			



(i) PN 16	ITEM NO.	DESCRIPTION	UNIT	QTY	PRICE	TOTAL PRICE
Submit pressure test certificate and confirm correct setting of operation limits 1000N (i) PN 16 no		(i) PN 16	no	1	R	
Setting of operation limits a)		(ii) PN 25	no	1	R	R
a) 100DN (i) PN 16 (ii) PN 25 b) 150DN (i) PN 16 (ii) PN 25 c) 200DN (i) PN 16 (ii) PN 25 no 1 R R c) 200DN (i) PN 16 (ii) PN 25 no 1 R R c) 100DN (i) PN 16 (ii) PN 25 no 1 R R c) 100DN (i) PN 16 (ii) PN 25 no 1 R R c) 100DN (i) PN 16 (ii) PN 25 no 1 R R c) 100DN (i) PN 16 (ii) PN 25 no 1 R R c) 100DN (i) PN 16 (ii) PN 25 no 1 R R c) 200DN (i) PN 16 (ii) PN 25 no 1 R R c) 100DN (i) PN 16 (ii) PN 25 no 1 R R c) 200DN (i) PN 16 (ii) PN 25 no 1 R R c) 200DN (i) PN 16 (ii) PN 25 no 1 R R c) 200DN (i) PN 16 (ii) PN 25 no 1 R R c) 200DN (i) PN 16 (ii) PN 25 no 1 R R c) 200DN (i) PN 16 (ii) PN 25 no 1 R R c) 200DN (i) PN 16 (ii) PN 25 no 1 R R c) 200DN (i) PN 16 (ii) PN 25 no 1 R R c) 200DN (i) PN 16 (ii) PN 25 no 1 R R c) 200DN (ii) PN 25 no 1 R R c) 200DN (ii) PN 25 no 1 R R c) 200DN (ii) PN 25 no 1 R R c) 200DN (ii) PN 25 no 1 R R c) 200DN (ii) PN 25 no 1 R R c) 200DN (ii) PN 25 no 1 R R c) 200DN (ii) PN 36 (iii) PN 25 no 1 R R c) 200DN (iii) PN 25 no 1 R R c) 200DN (iii) PN 36 (iii) PN	9.1.11	-				
(i) PN 16 (ii) PN 25 (ii) PN 25 (ii) PN 16 (ii) PN 25 (ii) PN 25 (ii) PN 25 (ii) PN 25 (ii) PN 25 (ii) PN 25 (iii) PN 26 (iiii) PN 26 (iii) PN 26 (iiii) PN 26 (iii) PN 26 (iii) PN 26 (iiii) PN 26 (iii) PN 26 (i						
b) 150DN (i) PN 16 (ii) PN 25 c) 200DN (i) PN 16 (ii) PN 25 no 1 R R R 1.1.12 Install a) 100DN (i) PN 16 (ii) PN 25 no 1 R R R R 1.1.13 Install a) 100DN (i) PN 16 (ii) PN 25 no 1 R R R R R R R R R R R R R R			no	1	R	R
(i) PN 16 (ii) PN 25 (c) 200DN (i) PN 16 (ii) PN 25 (ii) PN 25 (ii) PN 25 (ii) PN 25 (ii) PN 25 (ii) PN 25 (ii) PN 25 (ii) PN 25 (iii) PN 26 (iii) PN 25 (iii) PN 26 (iii) PN 25 (iii) PN 26 (iii) PN 25 (iii) PN 26 (iii) PN 26 (iii) PN 25 (iii) PN 26 (iii) PN 27 (iii) PN 28 (iii) PN		(ii) PN 25	no	1	R	R
c) 200DN (i) PN 16 (ii) PN 25 no I R R 1.1.12 Install a) 100DN (i) PN 16 (ii) PN 25 b) 150DN (i) PN 16 (ii) PN 25 c) 200DN (i) PN 16 (ii) PN 25 no I R R (ii) PN 25 no I R R 1.1.13 Commission a) 100DN (i) PN 16 (ii) PN 25 no I R R 1.1.14 Commission a) 100DN (i) PN 16 (ii) PN 25 no I R R Commission a) 100DN (i) PN 16 (ii) PN 25 no I R R R			no	1	R	R
(i) PN 16 (ii) PN 25 (ii) PN 25 (iii) PN 25 (iii) PN 16 (ii) PN 16 (ii) PN 25 (i) PN 16 (ii) PN 25 (i) PN 16 (ii) PN 25 (i) PN 16 (ii) PN 25 (i) PN 16 (ii) PN 25 (i) PN 16 (ii) PN 25 (i) PN 16 (ii) PN 25 (ii) PN 16 (ii) PN 25 (ii) PN 16 (ii) PN 25 (ii) PN 16 (ii) PN 25 (ii) PN 16 (ii) PN 25 (ii) PN 16 (ii) PN 25 (ii) PN 16 (ii) PN 25 (ii) PN 16 (ii) PN 25 (ii) PN 16 (ii) PN 25 (ii) PN 16 (ii) PN 25 (ii) PN 16 (ii) PN 25 (ii) PN 16 (ii) PN 25 (ii) PN 16 (iii) PN 25 (iii)		(ii) PN 25	no	1	R	R
(ii) PN 25						
1.1.12		(I) PN 16	no	1	R	R
a) 100DN (i) PN 16 (ii) PN 25 b) 150DN (i) PN 16 (ii) PN 25 c) 200DN (i) PN 16 (ii) PN 25 c) 200DN (i) PN 16 (ii) PN 25 no 1 R R R R R R R R R R R R R R R R R R R		(ii) PN 25	no	1	R	R
a) 100DN (i) PN 16 (ii) PN 25 b) 150DN (i) PN 16 (ii) PN 25 c) 200DN (i) PN 16 (ii) PN 25 c) 200DN (i) PN 16 (ii) PN 25 no 1 R R R R R R R R R R R R R R R R R R R	9 1 12	Install		1		
(i) PN 16 (ii) PN 25 b) 150DN (i) PN 16 (ii) PN 25 c) 200DN (i) PN 16 (ii) PN 25 c) 200DN (i) PN 16 (ii) PN 25 c) 100DN (i) PN 16 (ii) PN 25 c) 200DN (i) PN 16 c) 1 R R R). I. IZ					
b) 150DN (i) PN 16 (ii) PN 25 c) 200DN (i) PN 16 (iii) PN 25 no 1 R R R 1.1.13 Commission a) 100DN (i) PN 16 (ii) PN 25 no 1 R R R (iii) PN 25 no 1 R R R Commission a) 100DN (i) PN 16 (ii) PN 16 (ii) PN 25 no 1 R R R R R R Commission 1 R R R R R R R R R R R R R R R R R R R			no	1	R	R
(i) PN 16 (ii) PN 25 c) 200DN (i) PN 16 (ii) PN 25 no 1 R R R R R R R R R R R R R R R R R R R			no	10	R	R
(ii) PN 25 c) 200DN (i) PN 16 (ii) PN 25 no 1 R R R 1.1.13 Commission a) 100DN (i) PN 16 (ii) PN 25 no 1 R R R 1.1.14 b) 150DN (i) PN 16 (ii) PN 25 c) 200DN (i) PN 16 (ii) PN 25 no 1 R R R 1.2 Supply, install and commission the following completely new flanged, hydraulically operated, Y-pattern body, flow rate control valve with double-chambered diaphragm actuator, complete with pitot tube, flow rate valve and control tubing: a) 100 DN (i) PN 16 no 1 R R R					_	
c) 200DN (i) PN 16 (ii) PN 25 Commission a) 100DN (i) PN 16 (ii) PN 25 b) 150DN (i) PN 16 (ii) PN 25 c) 200DN (i) PN 16 (ii) PN 25 no 1 R R R R R 1.2 Supply, install and commission the following completely new flanged, hydraulically operated, Y-pattern body, flow rate control valve with double-chambered diaphragm actuator, complete with pitot tube, flow rate valve and control tubing: a) 100 DN (i) PN 16 no 1 R R R		``				
(i) PN 16 (ii) PN 25 (ii) PN 25 (iii) PN 25 (ii) PN 16 (ii) PN 16 (ii) PN 16 (ii) PN 16 (iii) PN 25 (ii) PN 16 (iii) PN 25 (ii) PN 16 (iii) PN 25 (ii) PN 16 (iii) PN 25 (iii) PN 25 (iii) PN 25 (iii) PN 25 (iii) PN 25 (iii) PN 25 (iii) PN 25 (iv) PN 16 (iv) PN 16 (iv) PN 16 (iv) PN 16 (iv) PN 25 (iv) PN 16 (iv) PN 25 (iv) PN 16 (iv) PN 25 (iv) PN 16 (iv) PN 25 (iv) PN 16 (iv) PN 25 (iv) PN 16 (iv) PN 25 (iv) PN 16 (` '	110	1	K	K
(ii) PN 25 Commission a) 100DN (i) PN 16 (ii) PN 25 b) 150DN (i) PN 16 (ii) PN 25 c) 200DN (i) PN 16 (ii) PN 25 c) 1 R R R R R R R R R R R R R R		'	no	1	R	R
A.1.13 Commission a) 100DN (i) PN 16 (ii) PN 25 b) 150DN (i) PN 16 (ii) PN 25 c) 200DN (ii) PN 25 c) 200DN (ii) PN 16 (iii) PN 25 c) 200DN (iii) PN 16 c) 200DN c)		``				
(i) PN 16 (ii) PN 25 b) 150DN (i) PN 16 (ii) PN 25 c) 200DN (i) PN 16 (ii) PN 25 c) 200DN (i) PN 16 (ii) PN 25 no 1 R R R c) 200DN (ii) PN 25 no 1 R R R c) 200DN (ii) PN 25 no 1 R R c) 200DN (ii) PN 25 no 1 R R c) 200DN (iii) PN 25 no 1 R R c) 200DN c) 1 R R c) 200DN c) 200DN c) 1 R R c) 200DN c) 20	9.1.13					
(ii) PN 25 b) 150DN (i) PN 16 (ii) PN 25 c) 200DN (i) PN 16 (ii) PN 25 c) 200DN (i) PN 16 (ii) PN 25 no 1 R R R R R R R R R R R R R R		a) <u>100DN</u>				
b) 150DN (i) PN 16 (ii) PN 25 c) 200DN (i) PN 16 (ii) PN 25 no 1 RRRR R R R R R R R R R R R R						
(i) PN 16 (ii) PN 25 c) 200DN (i) PN 16 (ii) PN 25 no 1 R R R R R R R R R R R R R R R R R R R			no	1	R	R
(ii) PN 25 c) 200DN (i) PN 16 (ii) PN 25 Supply, install and commission the following completely new flanged, hydraulically operated, Y-pattern body, flow rate control valve with double-chambered diaphragm actuator, complete with pitot tube, flow rate valve and control tubing: a) 100 DN (i) PN 16 no 1 R R R R R R R R R R R R R R R R R R					5	
c) 200DN (i) PN 16 (ii) PN 25 Supply, install and commission the following completely new flanged, hydraulically operated, Y-pattern body, flow rate control valve with double-chambered diaphragm actuator, complete with pitot tube, flow rate valve and control tubing: a) 100 DN (i) PN 16 no 1 R R R						
(i) PN 16 (ii) PN 25 Supply, install and commission the following completely new flanged, hydraulically operated, Y-pattern body, flow rate control valve with double-chambered diaphragm actuator, complete with pitot tube, flow rate valve and control tubing: a) 100 DN (i) PN 16 no 1 R R R R			no	1	K	K
Supply, install and commission the following completely new flanged, hydraulically operated, Y-pattern body, flow rate control valve with double-chambered diaphragm actuator, complete with pitot tube, flow rate valve and control tubing: a) 100 DN (i) PN 16 no 1 R R			no	1	P	P
flanged, hydraulically operated, Y-pattern body, flow rate control valve with double- chambered diaphragm actuator, complete with pitot tube, flow rate valve and control tubing: a) 100 DN (i) PN 16 no 1 R						
hydraulically operated, Y-pattern body, flow rate control valve with double-chambered diaphragm actuator, complete with pitot tube, flow rate valve and control tubing: a) 100 DN (i) PN 16 no 1 R	9.2					
rate valve and control tubing: a) 100 DN (i) PN 16 no 1 R R		hydraulically operated, Y-pattern body, flow rate control valve with double-				
a) 100 DN (i) PN 16 no 1 R R		chambered diaphragm actuator, complete with pitot tube, flow rate valve and				
(i) PN 16 no 1 R R						
				1		
(ii) PN 25 no 1 R R		(i) PN 16 (ii) PN 25			R R	R R



ITEM NO.	DESCRIPTION	UNIT	QTY	PRICE	TOTAL PRICE
	b) <u>150 DN</u> (i) PN 16	no	1	R	R
	(ii) PN 25	no	1	R	R
	c) <u>200 DN</u> (i) PN 16	no	1	R	R
	(ii) PN 25	no	1	R	R
	Subtotal Carried Forward	d d		R	+
9.3	Mark-up rates				
9.3.1 9.3.2	Percentage mark-up on rates listed on term contracts Percentage mark-up on items (with attached in-	%	%	%	%
	voices) approved by the Employer or his representative for materials, (other than those set out in this list) used in execution of work ordered by the Employer	%	%	%	5 %
9.3.3	Tip trucks (a) 6 m³ (b) 10 m³	h h	1 1	R R	R R
9.3.4	Flat bed trucks (a) 5t (b) 7t	km km	1 1	R R	R R
9.3.5	LDV (a) 2 x 2WD (b) 2 x 2WD	km km	1	R R	R R
	+	+	+	R	R
		1	† <u> </u>		<u> </u>
				R	



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SCHEDULE 10 : SURGE ANTICIPATING CONTROL VALVE

1					TOTAL PRICE
10.	HYDRAULICALLY OPERATED SURGE ANTICIPATING				
	CONTROL VALVE				
	Hydraulically operated, Y-pattern body, surge anticipating control				
	valve with double-chambered diaphragm actuator, complete with 3 way sustaining pilot, relief pilot, V-port throttling plug and large				
	control filter.				
	Note:				
	Rates to include the cost of all staff required plus				
	overheads where appropriate and the guarantee				
	of all parts, materials and workmanship, but exclude				
	the cost of spares unless the latter is specified.				
10.1	Servicing and repair of valves in the following dia-				
	meters and pressure rating:				
10.1.1	Remove valve				
	a) 150DN PN 25	no	1	R	R
	b) 200DN PN 25	no	1	R	R
	<u>Dismantle</u>			1	
	a) 150DN PN 25	no	1	R	R
	b) 200DN PN 25	no	1	R	R
10.1.3	Blast		1	_	
	a) 150DN PN 25	no	1	R	R
	b) 200DN PN 25	no	1	R	R
10.1.2	Clean		1	1	
	a) 150DN PN 25	no	l	R	R
	b) 200DN PN 25	no	1	R	R
10.1.5	Inspect all wearing parts including pilot valve				
	a) 150DN PN 25	no	1	R	R
	b) 200DN PN 25	no	1	R	R
10.1.6	Submit inspection report			1	
	a) 150DN PN 25	no	1	R	R
	b) 200DN PN 25	no	1	R	R
	Replace body seats		1	Б	D
	a) 150DN PN 25	no	1	R	R
	b) 200DN PN 25	no	1	R	R
10.1.8	Epoxy coat (min thickness 300 micron)		1	1	
ĺ	a) 150DN PN 25	no	1	R	R
i	b) 200DN PN 25	no	1	R	R



ITEM NO.	DESCRIPTION	UNIT	QTY	PRICE	TOTAL PRICE
10.1.9	Reassemble	0		1	1017/211/102
10.1.5	a) 150DN PN 25	no	1	R	R
	b) 200DN PN 25	no	1	R	R
	b) 200bit 11120	110	_		
10.1.10	Pressure test and reset operation limits				
10.1.10	a) 150DN PN 25	no	1	R	R
	b) 200DN PN 25	no	1	R	R
	5) 250511 11125	110	_		``
10.1.11	Submit pressure test certificate and confirm correct				
	setting of operation limits				
	a) 150DN PN 25	no	1	R	R
	b) 200DN PN 25	no	1	R	R
10.1.12	Install				
10.1.12	a) 150DN PN 25	no	1	R	R
	b) 200DN PN 25		1	R	R
	0) 200DN FN 23	no	1	K	N
10.1.13	Commission				
	a) 150DN PN 25	no	1	R	R
	b) 200DN PN 25	no	1	R	R
10.2	Supply, install and commission the following completely new flanged, hydraulically operated, Y-pattern body, surge anticipating control valve with double-chambered diaphragm actuator, complete with 3-way sustaining pilot, relief pilot, V-port throttling plug, large control filter and control tubing: a) 150 DN (i) PN 16 ref. no. (ii) PN 25 ref. no. Name of Manufacturer: (ii) PN 25 ref. no. (iii) PN 25 ref. no. Name of Manufacturer:	no no	1 1 1	R R R	R R R R R
10.3	Mark-up rates				
10.3.1	Percentage mark-up on rates listed on term contracts	%	%	%	%
	Percentage mark-up on items (with attached invoices) approved by				
10.3.2	the				
	Employer or his representative for materials, (other that those set				
	out in				
	this list) used in execution of work ordered by the Employer	%	%	%	%
10.2	Tip trucks				
	(a) 6 m ³	h	1	R	R
	(b) 10 m ³	h	1	R	R
40.5					
10.5	Flat bed trucks				



DESC	RIPTION	UNIT	QTY	PRICE	TOTAL PRICE
(a)	5t	km	1	R	R
(b)	7t	km	1	R	R
LDV					
(a)	2 x 2WD	km	1	R	R
(b)	2 x 2WD	km	1	R	R
				R	R
			•	R	R
	(a) (b) LDV (a)	(b) 7t LDV (a) 2 x 2WD	(a) 5t	(a) 5t	(a) 5t



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SCHEDULE 11 : PUMP (CENTRIFUGAL, AXIAL FLOW, HORIZONTAL SPLITS, DUAL STAGE)

ITEM NO.	DESCRIPTION	UNIT	QTY	PRICE	TOTAL PRICE
11.	PUMP				
11.	Centrifugal, axial flow, horizontal split case, dualstage, flow rate 100 l/s, motor rating 185 kW.				
	Note: Rates to include the cost of all staff required plusoverheads where appropriate and the guarantee of all parts, materials and workmanship, but exclude the cost of spares unless the latter is specified.				
11.1	Servicing and repair of one pump:				
11.1.1	Operate pump set on site in its installed position, establish and record:				
	a) Current drawn on each phase	set	1	R	R
	b) Vibration tests on pump bearings	set	1	R	R
	c) Vibration tests on motor bearings	set	1	R	R
11.1.2	Disconnect mechanical coupling between pump				
	and motor and record: vibration tests on motor				
	bearings	set	1	R	R
11.1.3	Remove (on site) top half casing of pump, inspect and report	set	1	R	R
11.1.2	Uncouple shaft coupling and loose pipework	set	1	R	R
11.1.5	Remove pump	no	1	R	R
11.1.6	Dismantle pump in workshop	no	1	R	R
11.1.7	Clean pump	no	1	R	R
11.1.8	Inspect	no	1	R	R
11.1.9	Submit inspection report	no	1	R	R
11.1.10	Blast	no 1	1	R 1	R
11.1.11	Epoxy coat internally	no	1	1	
11.1.12	Supply and replace shaft with new	no	_		
11.1.13	Supply and replace 225 dia bronze suction impeller with new	1 no	1	1 1	1
11.1.12	Supply and replace 225 dia bronze delivery impeller with new	no	1	R	R



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ITEM NO.	DESCRIPTION	UNIT	QTY	PRICE	TOTAL PRIC
11.1.15	Supply and fit new shaft sleeves	set	1	R	R
11 1 16	Supply and fit naw bearing (DE + NDE)	aat	1		5
11.1.16	Supply and fit new bearing (DE + NDE)	set	1	R	R
11.1.17	Supply and fit new neckrings and wearing rings	set	1	R	R
11.1.18	Supply and fit new water flingers	set	1	R	R
11.1.19	Balance rotating assembly and submit test report	no	1	R	R
11.1.20	Supply and replace packings	set	1	R	R
11.1.21	Reassemble pump	no	1	R	R
11.1.22	Coat pump externally to existing colour code	no	1	R	R
11.1.23	Supply test report	no	1	R	R
11.1.22	Install, connect and align	set	1	R	R
11.1.25	Test run and commission	set	1	R	R
11.1.26	Supply condition of plant report on all work done as well as alignment control sheet	set	1	R	R
		1	<u> </u>		
11.2	Mark-up rates				
11.2.1 11.2.2	Percentage mark-up on rates listed on term contracts	%	%	%	%
11.2.2	Percentage mark-up on items (with attached invoices) approved by the Employer or his represen-				
	tative for materials, (other than those set out in				
	this list) used in execution of work ordered by the Employer	%	%	%	%
11.2'3	Tip trucks				
	(a) 6 m ³	h	1	R	R
	(b) 10 m^3	h	1	R	R
11.2.4	Flat bed trucks				
	(a) 5t	km	1	R	R
	(b) 7t	km	1	R	R
11.2.5	LDV				
	(a) 2 x 2WD	km	1	R	R
	(b) 2 x 2WD	km	1	R	R
	SUBTOTAL	-		R	
	TOTAL SCHEDULE 13 CARRIED FORWARD TO SUMMARY			R	
	price must include value added tax.				



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SCHEDULE 12: DOSING (CHEMICAL) AND THE SUPPLY OF ALL MATERIAL

ITEM	DESCRIPTION	UNIT	QTY		
NO.				PRICE	TOTAL PRICE
12.	DOSING (CHEMICAL)				
	Chemical dosing equipment as installed in water treatment works.				
	Note: Rates to include the cost of all staff required plus overheads where appropriate and the guarantee of all parts, materials and workmanship, but exclude the cost of spares unless the latter is specified.				
12.1	Repairs to chemical dosing equipment				
12.1.1	Inspect operation of diaphragm actuated chemical				
	dosing pump on site			R	R
122	Disconnect and remove		1	R	R
12.1.3	Dismantle, inspect and deliver report		1	R	R
12.1.2	Refurbish by the supply and installation of the following new spare parts:				
	a) motor drive unit; 3 ph; 0,09 kW b) motor drive unit; 3 ph; 0,25 kW	no no	1	R R	R R
	c) PVC dosing head (max. capacity 100 l/h; max pressure 10 bar)d) Stainless steel dosing head (max. capacity	no	1	R	
	100 l/h; max pressure 10 bar)		1	R	R
	e) Piston spring		1	R	R
	f) Diaphragm		1	R	R
	g) Diaphragm protection valve		1	R	R R
	h) O-rings		1	R	K
12.1.5	Assemble and transport to site		1	R	R
12.1.6	Install and test		1	R	R
12.1.7	Submit test reports		1	R	R
12.2	Supply, install and commission the following completely new diaphragm actuated chemical dosing pumps: a) with PVC dosing head (max. capacity 100 l/h; max. pressure 10 bar)				
	and 0,25 kW drive motor (3 phase)		1	R	R
	b) with stainless steel dosing head (max. capacity 100 l/h; max pressure				
	10 bar) and 0,25 kW drive motor (3 phase)		1	R	R



ITEM NO.	DESCRIPTION	UNIT	QTY		
12.3	Mark-up rates				
12.3.1	Percentage mark-up on rates listed on term contracts				R
12.3.2	Percentage mark-up on items (with attached invoices) approved by the				
	Employer or his representative for materials, (other than those set out in				
	this list) used in execution of work ordered by the				R
	Employer				
12.3.3	Tip trucks				
	(a) 6 m ³	h	1	R	R
	(b) 10 m ³	h	1	R	R
12.3.4	Flat bed trucks				
	(a) 5t	km	1	R	R
	(b) 7t	km	1	R	R
12.3.5	LDV				
	(a) 2 x 2WD	km	1	R	R
	(b) 2 x 2WD	km	1	R	R



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SCHEDULE 13 : CHLORINATION SYSTEM AND THE SUPPLY OF ALL MATERIAL

ITEM NO.	DESCRIPTION	UNIT	QTY	PRICE	TOTAL
13.	CHLORINATION EQUIPMENT			R	PRICE
	Note:				
	Rates to include the cost of all staff required plus				
	overheads where appropriate and the guarantee				
	of all parts, materials and workmanship, but exclude the cost of spares unless the latter is specified.				
	clude the cost of spares unless the latter is specified.				
13.1	Service and repair of chlorine gas dosing equipment				
13.1.1	Disconnect and inspect the following chlorine gas				
	dosing equipment (with capacity of 250 g/h) on site:				
	a) vacuum regulator		1	R	R
			1		
	b) dosing unit		1	R	R
	c) automatic change-over device		1	R	R
	d) injector		1	R	R
13.1.2	Remove equipment on site		1	R	R
13.1.3	Dismantle in workshop and inspect:				
	a) vacuum regulator		1	R	R
	b) dosing unit		1	R	R
	c) automatic change-over device		1	R	R
	d) injector		1	R	R
13.1.2	Supply and install the following new spare parts				
	for the vacuum regulator and dosing unit:				_
	a) contact manometer		1	R	R
	b) cylinder connection valve		1	R	R
	c) pressure spring		1	R	R
	d) diaphragm disc and ring		1	R	R
	e) O-ring		1	R	R
	f) gaskets		1	R	R
	g) valve seat		1	R	R
13.1.5	Supply and install the following new spare parts				
	for the injector:				
	a) diffuser		1	R	R
	b) O-ring		1	R	R
	c) screw-in connection		1	R	R



	d) diaphragm e) diaphragm disc and ring		1	<u></u>	PRICE
			1 1	R	R
			1	R	R
	f) pressure spring		1	R	R
	g) piston		1	R	R
	37 1 3 3				
13.1.6	Return the chlorination equipment to site and re-				
	install the following:				
	a) vacuum regulator		1	R	R
	b) dosing unit		1	R	R
	c) automatic change-over device		1	R	R
	d) injector		1	R	R
13.1.7	Commission and test:				
	a) vacuum regulator		1	R	R
	b) dosing unit		1	R	R
	c) automatic change-over device		1	R	R
	d) injector		1	R	R
	, , , , , , , , , , , , , , , , , , , ,				
13.2	Supply, install and commission one completely				
	new chlorine gas dosing unit (with capacity of				
	250 g/h)		1	R	R
	Model:				
	Manufacturer:				
13.3	Mark-up rates				
13.3.1	Percentage mark-up on rates listed on term contracts				
13.3.2	Percentage mark-up on items (with attached invoices)				
	approved by the				
	Employer or his representative for materials, (other than those				
	set out in this list) used in execution of work ordered by the Employer				
13.3.3	Tip trucks		1	Ь	R
	(a) 6 m ³	h	1	R R	R
	(b) 10 m ³	h	1	K	K
	Flat bed trucks				
	(a) 5t	km	1	R	R
	(b) 7t	km	1	R	R
	LDV				
	(a) 2 x 2WD	km	1	R	R
	(b) 2 x 2WD	km	1	R	R
			+	R	R
			+		
				R	



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SCHEDULE 14 : DAYWORKS

ITEM NO	DESCRIPTION	UNIT	QT Y	PRICE	TOTAL PRICE
14.1	DAYWORKS LABOUR				
	(a) Contractor's Representative	h	1	R	R
	(b) Surveyor	h	1	-	R
	(c) Qualified Artisan (i) Plumber (ii) Boilermaker (iii) Bricklayer (iv) Plasterer (v) Welder with API 1102 Certificate (i) Electrician (ii) Millwright	h h h h h	1 1 1 1 1 1 1	R R R R R R	R R R R R R
	(d) Foreman, leader-hand	h	1	R	R
	(e) Semi-skilled labourer	h	1	R	R
	(f) Labourer	h	1	R	R
14.2	PLANTHIRE: WORK RATES ON SITE				
14.2.1	Crane 65 t - 80 t capacity	h	1	R	R
14.2.2	TLB 60 kW - 70 kW	h	1	R	R
14.2.3	Crawler Excavator 120 kW - 150 kW	h	1	R	R
14.2.4	Bulldozer 160 kW - 170 kW	h	1	R	R
14.2.5	Wheel loader 120 kW - 150 kW	h	1	R	R
14.2.6	Motor graders 150 kW - 160 kW	h		R	R
14.2.7	Wheel excavators 0,2 - 1,25 m³ bucket size	h	1	R	R
14.2.8	Wheel tractor scrapers 15,0 - 16 m ³	h	1	R	R
14.2.9	Tow tractors 200 kW - 250 kW	h	1	R	R
14.2.10	(a) Water tankers 5 000 litre (b) Water tankers 10 000 litre	h h	1	R R	R R
14.2.11	Dump trucks 10 - 15 m ³	h	1	R	R
18.2.12	Tip trucks (a) 6 m ³ (b) 10 m ³	h h	1 1	R R	R R



ITEM NO	DESCRIPTION	UNIT	QT Y	PRICE	TOTAL PRICE
14.2.13	Flat bed trucks (a) 5t (b) 7t	km km	1 1	R R	R R
14.2.14	LDV (a) 2 x 2WD	km	1	R	R
	(b) 2 x 2WD	km	500 0	R	R
14.2.15	Lowbed 50 ton	km	1	R	R
14.2.16	Plate compactors & tampers	h	1	R	R
14.2.17	Grid rollers. Ballasted mass 12 600 kg	h	1	R	R
14.2.18	Pneumatic tyred rollers 2 000 load/wheel kg	h	1	R	R
14.2.19	Self propelled vibrating roller (smooth) 7000 – 11 300 kg	h	1	R	R
14.2.20	Self propelled vibrating roller (padfoot) 5 900 – 12 000 kg	h	1	R	R
14.2.21	Walk-behind vibrating rollers (a) 500 - 630 kg	h	1	R	R
	(b) 980 - 1 350 kg	h	1	R	R
14.2.22	Towed vibrating roller	h	1	R	R
14.2.23	Portable compressors - Diesel (9,0 - 10,0 m³/min.)	h	1	R	R
14.2.22	Concrete mixer (350 ℓ: diesel driven)	h	1	R	R
14.2.25	Concrete saw (self propelled) 10 - 15 kW	h	1	R	R
14.2.26	Concrete vibrators (35 - 60 mm DN)	h	1	R	R
14.2.27	Dumpers 0,5 m ³ (Hydraulic tip)	h	1	R	R
14.2.28	Water pump with 80 mm DN outlet (diesel driven)	h	1	R	R
14.2.29	Arc-welding unit (300 A)	h	1	R	R
14.2.30	Generating sets (a) 1,5 kVA (petrol) 220V	h	1	R	R
	(b) 5 kVA (petrol) 220V	h	1	R	R
	(c) 30 kVA (diesel) 380V - 3ph	h	1	R	R
	(d) 50 kVA (diesel) 380V - 3ph	h	1	R	R
	(e) 100 kVA (diesel) 380V - 3ph	h	1	R	R



ITEM NO	DESCRIPTION	UNIT	QT Y	PRICE	TOTAL PRICE
14.3	LABOUR BASED TOOLS				
	(a) Pick	day	1	R	R
	(b) Shovel	day	1	R	R
	(c) Crowbar	day	1	R	R
	(d) Bucket (10 ℓ)	day	1	R	R
	(e) Wheelbarrow	day	1	R	R
14.2	Percentage mark-up on items approved by the client or representative with attached invoices for material used.	%	%	%	%
	SUBTOTAL			R	R
				R	R



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SCHEDULE 15: SUPPLY HANDLE AND DELIVER SMALL & MEDIUM SIZE ELECTRICAL PANELS

ITEM NO.	DESCRIPTION	UNIT	QTY	PRICE	TOTAL PRICE
1.	Supply, handle and deliver various sizes of copper wire and or insulated earth wires at Sekhukhune District central store				
15.1	15,5mm ¹⁵ bare copper or insulated earth wire	m	1	R	R
15.1.1	15mm ¹⁵ bare copper or insulated earth wire	m	1	R	R
15.2	6mm ¹⁵ bare copper or insulated earth wire	m	1	R	R
15.4	10mm ¹⁵ bare copper or insulated earth wire	m	1	R	R
15.5	16mm ¹⁵ bare copper or insulated earth wire	m	1	R	R
15.6	155mm ¹⁵ bare copper or insulated earth wire	m	1	R	R
15.7	35mm ¹⁵ bare copper or insulated earth wire	m		R	R
15.8	50mm ¹⁵ bare copper or insulated earth wire	m	1	R	R
15.9	70mm ¹⁵ bare copper or insulated earth wire	m	1	R	R
15.1	Supply, handle and deliver 600/1 000 V. grade PVC PVC SWA PVC cable.				
15.1.1	1,5 mm ¹⁵ 3 or 15 core armoured	m	1	R	R
15.1.2	15,5 mm ¹⁵ 3 or 15 -core armoured.	m	1	R	R
15.1.3	1,5mm ¹⁵ 7-core armoured	m	1	R	R
15.1.4	15 mm ¹⁵ 15 core armoured	m	1	R	R
15.1.5	6 mm ¹⁵ 15 -core armoured.	m	1	R	R
15.1.6	10 mm ¹⁵ 15 core armoured	m	1	R	R
15.1.7	16 mm ¹⁵ 15 core armoured	m	1	R	R
15.1.8	155 mm ¹⁵ 15 -core armoured.	m	1	R	R
15.1.9	35 mm ¹⁵ 15 core armoured	m	1	R	R



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ITEM NO.	DESCRIPTION	UNIT	QTY	PRICE	TOTAL PRICE
15.1.10	50 mm ¹⁵ 15 core armoured	m	1	R	R
15.1.11	70 mm ¹⁵ 15 core armoured	m	1	R	R
15.1.12	95 mm ¹⁵ 15 core armoured	m	1	R	R
16.4	120 mm ¹⁵ 15 core armoured	m	1	R	R
15.2.1	Supply, handle and deliver lightning arrestors				
	(a) Class 15 over voltage surge arrestors - 1575V MOV type - 150 kA fault rating	no	1	R	R
	(b) Class 15 overvoltage surge arrestors - 1575V MOV type - 65 kA fault rating	no	1	R	R
	(c) Class 15 overvoltage surge arrestors - 1575V MOV type - 100 kA fault rating	no	1	R	R
	(d) IT Blitzductor surge arrestor -1515V	no	1	R	R
16.2	Supply, handle and deliver Circuit breakers				
16.2.1	100 A TP on-load isolator	no	1	R	R
16.2.2	100 - 1550 A TP on-load isolator	no	1	R	R
16.2.3	150A TP MCB (5kA)	no	1		
16.2.4	500 A TP mcb (15 kA)	no	1	R	R
16.2.5	750 A TP mcb (155kA)	no	1	R	R
16.2.6	1000 A TP ACB - Fixed (65kA)	no	1	R	R
16.2.7	1500 A TP ACB - Withdrawable	no	1	R	R
16.2.8	15000 A TP ACB - Withdrawable (65kA)	no	1	R	R
15.4	Supply, handle and deliver Electronic Overload Relays				
15.4.1	Similar or equal to Newelec KC155 with door mounted reset and no CT's	no	1	R	R
15.4.2	Similar or equal to Newelec KC50 with door mounted reset and 3 x50/5A CT's	no	1	R	R



ITEM NO.	DESCRIPTION	UNIT	QTY	PRICE	TOTAL PRICE
15.4.3	Similar or equal to Newelec KC1500 with door mounted reset and 3 x1500/5A CT's	no	1	R	R
15.4.4	Similar or equal to Rockwell Automation 8155-P with line voltage card	no	1	R	R
15.4.5	Similar and equal to Rockwell Automation 8155-MCM180 CT installed in busbars	no	1	R	R
15.4.6	Similar and equal to Rockwell Automation 8155-MCM15150 CT installed in busbars	no	1	R	R
15.4.7	Similar and equal to Rockwell Automation 8155-MCM630 CT installed in busbars	no	1	R	R
15.5.1	Supply, handle and deliver Complete New Contactor for <u>:</u>				
	(a) 15 to 5,5kW AC-3 rating contactor	no	1	R	R
	(b) 7,5 to 11kW AC-3 rating contactor	no	1	R	R
	(c) 11 to 15kW AC-3 rating contactor	no	1	R	R
	(d) 18,5kW AC-3 rating contactor	no	1	R	R
	(e) 1515kW AC-3 rating contactor	no	1	R	R
	(f) 30kW AC-3 rating contactor	no	1	R	R
	(g) 37kW AC-3 rating contactor	no	1	R	R
	(h) 155kW AC-3 rating contactor	no	1	R	R
	(i) 55kW AC-3 rating contactor	no	1	R	R
	(j) 75kW AC-3 rating contactor	no	1	R	R
	<i></i>				
	(k) 90kW AC-3 rating contactor	no	1	R	R
	(I) 110kW AC-3 rating contactor	no	1	R	R
	(m) 1315kW AC-3 rating contactor	no	1	R	R
	· · ·				



ITEM NO.	DESCRIPTION	UNIT	QTY	PRICE	TOTAL PRICE
	(n) 150kW AC-3 rating contactor	no	1	R	R
	(o) 185kW AC-3 rating contactor	no	1	R	R
	(o) 15150kW AC-3 rating contactor	no	1	R	R
15.5.2	Supply, handle and deliver <u>contactor contacts per set of three</u> <u>for the following sizes:</u>				
	(a) 15 to 5,5kW AC-3 rating contactor	set	1	R	R
	(b) 7,5 to 11kW AC-3 rating contactor	set	1	R	R
	(c) 11 to 15kW AC-3 rating contactor	set	1	R	R
	(d) 18,5kW AC-3 rating contactor	set	1	R	R
	(e) 1515kW AC-3 rating contactor	set	1	R	R
	(f) 30kW AC-3 rating contactor	set	1	R	R
	(g) 37kW AC-3 rating contactor	set	1	R	R
	(h) 155kW AC-3 rating contactor	set	1	R	R
	(i) 55kW AC-3 rating contactor	set	1	R	R
	(j) 75kW AC-3 rating contactor	set	1	R	R
	(k) 90kW AC-3 rating contactor	set	1	R	R
	(I) 110kW AC-3 rating contactor	set	1	R	R
	(m) 1315kW AC-3 rating contactor	set	1	R	R
	(n) 150kW AC-3 rating contactor	set	1	R	R
	(o) 185kW AC-3 rating contactor	set	1	R	R
	(o) 15150kW AC-3 rating contactor	set	1	R	R
1.16.2	Supply, handle and deliver_contactor coil in the following sizes of contactors:				
	(a) 15 to 5,5kW AC-3 rating contactor	no	1	R	R



ITEM NO.	DESCRIPTION	UNIT	QTY	PRICE	TOTAL PRICE
	(b) 7,5 to 11kW AC-3 rating contactor	no	1		R
	(c) 11 to 15kW AC-3 rating contactor	no	1	R	R
	(d) 18,5kW AC-3 rating contactor	no	1	R	R
	(e) 1515kW AC-3 rating contactor	no	1	R	R
	(f) 30kW AC-3 rating contactor	no	1	R	R
	(g) 37kW AC-3 rating contactor	no	1	R	R
	(h) 155kW AC-3 rating contactor	no	1	R	R
	(i) 55kW AC-3 rating contactor	no	1	R	R
	(j) 75kW AC-3 rating contactor	no	1	R	R
	(k) 90kW AC-3 rating contactor	no	1	R	R
	(I) 110kW AC-3 rating contactor	no	1	R	R
	(m) 1315kW AC-3 rating contactor	no	1	R	R
	(n) 150kW AC-3 rating contactor	no	1	R	R
	(o) 185kW AC-3 rating contactor	no	1	R	R
	(o) 15150kW AC-3 rating contactor	no	1	R	R
15.4	Supply, handle and deliver_(standard electronic) motor overloads for motor controls.				
	(a) 0,1 - 1A	set	1	R	R
	(b) 1,6 - 5 A	set	1	R	R
	(c) 115 - 315 A	set	1	R	R
	(d) 115 - 155A	set	1	R	R



ITEM NO.	DESCRIPTION	UNIT	QTY	PRICE	TOTAL PRICE
	(e) 153 - 75A	set	1	R	R
	(f) 60 - 85A	set	1	R	R



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SCHEDULE 16: SUPPLY HANDLE AND DELIVER ELECTRICAL MOTORS

ITEM NO.	DESCRIPTION	UNIT	QTY	PRICE	TOTAL PRICE
16	Supply, handle and deliver_submersible_electric motors				
16.1	0,37kw Motors	no	1	R	R
		No	1	R	R
	0,75kw Motors	No	1	R	R
	1,5Kw Motors	No	1	R	R
	1.1kw Motors	No	1	R	R
	2.2kw Motors	No	1	R	R
	3.5Kw Motors	No	1	R	R
	3,75Kw Motors				
	5,5Kw Motors	No	1	R	R
	7,5Kw Motors	No	1	R	R
16.10	11Kw Motors	No	1	R	R
16.11	15kw Motors	No	1	R	R
16.12	45Kw Motors	No	1	R	R
16.13	5,5 kW Motors	No	1	R	R
16.14	7,5 kW Motors	No	1	R	R
16.15	11 kW Motors	No	1	R	R
16.16	15 kW Motors	No	1	R	R
16.17	18,5 kW Motors				
16.18	22 kW Motors	No	1	R	R
16.19	45Kw Motors	No	1	R	R
16.1.	Supply, handle and deliver_submersible_pumps				
16.1.1	0,37kw	No	1	D	D
16.1.2	0,75kw Pumps	No		R	R
16.1.3	1,5Kw Pumps	No		R	R
16.1.4	1.1kw Pumps	No		R	R
16.1.5	2.2kw Pumps	No	1	R	R



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ITEM NO.	DESCRIPTION	UNIT	QTY	PRICE	TOTAL PRICE
16.1.6	3.5Kw Pumps	No	1	R	R
	•	No	1	R	R
	3,75Kw Pumps		ا ا		
	•	No	1	R	R
	•	No	1	R	R
16.1.10	11Kw Pumps	No	1	R	R
16.1.11	15kw Pumps	No	1	R	R
16.1.12	45Kw Motors	No	1	R	R
16.2	Supply, handle and deliver_200/230 V TEFC_foot mounted	no	1	R	R
	motors for pumps	no	1	K	K
16.2.1	5,5 Motors 200/230 V TEFC, foot mounted	no	1	R	R
16.2.2	7,5 kW Motors 200/230 V TEFC, foot mounted	no	1	R	R
16.2.3	11 kW Motors 200/230 V TEFC, foot mounted	no	1	R	R
16.2.4	15 kW Motors 200/230 V TEFC, foot mounted	no	1	R	R
16.2.5	18,5 kW Motors 200/230 V TEFC, foot mounted	no	1	R	R
16.2.6	37 kW Motor 200/230 V TEFC, foot mounted	no	1	R	R
16.2.7	65 kW Motor 200/230 V TEFC, foot mounted	no	1	R	R
16.2.8	90 kW Motor 200/230 V TEFC, foot mounted	no	1	R	R
16.2.9	110 kW Motor 200/230 V TEFC, foot mounted	no	1	R	R
16.2.10	5,5 kW Motors 200/230 V TEFC , flange mounted	no	1	R	R
16.2.11	7,5 kW Motors 200/230 V TEFC, flange mounted	no	1	R	R
16.2.12	11 kW Motors 200/230 V TEFC, flange mounted	no	1	R	R
16.2.13	15 kW Motors 200/230 V TEFC, flange mounted	no	1	R	R
16.2.14	18.5 kW Motors 200/230 V TEFC, flange mounted	no	1	R	R
	37 kW Motors, 200/230 V TEFC, flange mounted 65 kW Motors, 200/230 V TEFC, flange mounted	no no	1	R R	R R



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ITEM NO.	DESCRIPTION	UNIT	QTY	PRICE	TOTAL PRICE
16.2.16			1		
16.2.17	90 kW Motors, 200/230 V TEFC, flange mounted	no	1	R	R
16.2.18	110 kW Motors, 200/230 V TEFC, flange mounted	no	1	R	R
	Supply, handle and deliver_230/400 V TEFC foot mounted motors for pumps				
	or pump coupling for:				
16.3.1	5,5 kW, 230/400 V, TEFC, foot mounted	no	1	R	R
16.3.2	7,5 kW, 230/400 V, TEFC, foot mounted	no	1	R	R
16.3.3	11 kW, 230/400 V, TEFC, foot mounted	no	1	R	R
16.3.4	15 kW, 230/400 V, TEFC, foot mounted	no	1	R	R
16.3.5	18,5 kW, 230/400 V, TEFC, foot mounted	no	1	R	R
16.3.6	15 kW, 230/400 V, TEFC, foot mounted	no	1	R	R
16.3.7	22 kW, 1500/1530 V, TEFC, foot mounted	no	1	R	R
16.3.8	37 kW, 230/400 V, TEFC, foot mounted	no	1	R	R
16.3.9	65 kW, 230/400 V, TEFC, foot mounted	no	1	R	R
16.3.10	75 kW, 230/400 V TEFC, foot mounted	no	1	R	R
16.3.11	90 kW, 230/400 V , TEFC, foot mounted	no	1	R	R
16.3.12	110 kW, 230/400 V, TEFC, foot mounted	no	1	R	R
16.3.14	5,5 kW, 230/400 V, TEFC, flange mounted	no	1	R	R
16.3.15	7,5 kW, 230/400 V TEFC, flange mounted	no	1	R	R
16.3.16	11 kW, 230/400 V, TEFC, flange mounted	no	1	R	R
16.3.17	15 kW, 230/400 V TEFC, flange mounted	no	1	R	R
16.3.18	18,5 kW, 230/400 V, TEFC, flange mounted	no	1	R	R
16.2.19	37 kW, 230/400 V TEFC, flange mounted	no	1	R	R



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SUBTOTAL	R
VAT	R
GRAND TOTAL	R

TERMS OF REFERENCE BACKGROUND, OBJECTIVES AND SCOPE OF WORK

Sekhukhune District Municipality (SDM) is both Water Services Authority and Water Services Provider (WSP) in other areas of its operations. The Municipality has an obligation to provider sustainable and uninterrupted water supply for the consumers within its area of jurisdiction. The Operation and Maintenance is a division within the department of Infrastructure and Water Services (IWS) which plays an important role in ensuring the sustainability of the water infrastructure assets for the provisioning of dignified basic water supply as mandated by the Constitution. The division is obliged to operates and maintain number of Water Services Infrastructure including but not

limited to the following: -

- Water Treatment Works
- Boreholes
- Booster pump stations
- Wastewater Treatment Works

The O&M section is required to operate and maintain all above-mentioned assets and respond abruptly to reported breakdown which requires urgent attention. The appointment of panel of Electro-Mechanical service providers on term contracts will assist in respond to reported incidents abruptly as and when the breakdowns occur. This will assist to shorten the lengthy procurement process when breakdowns or incidents arises. Their services will be as and when required.

The Electro-Mechanical panel of service providers will assist on the supply, repairs, replacement, refurbishment, installation and alignment pumps, rewind of burnt motors and wiring of control box for our components.

EMPLOYER"S OBJECTIVE



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Sekhukhune District Municipality's objective with this bid process is to procure competent service providers on terms contract to assist the Infrastructure Water Services Department in terms on technical expertise to efficiency and effectively respond to Electromechanical breakdowns within the district for existing infrastructure assets.

The appointed service provider will assist with the refurbishment, repairs and maintenance of the following activities: - Water Treatment Works, Wastewater Treatment Works, boreholes and Booster pump station.

3. SCOPE OF WORK

The scope of work for the appointed service provider is to the supply and deliver, install, repair, refurbishment and replacement of borehole elements, pumps and motors, panel box for below mentioned components within Sekhukhune District Municipality: -

- Water Treatment Works,
- Wastewater Treatment Works,
- Booster pump stations and
- Boreholes.

4.1 Electrical Works

- > Trenching and laying of MV (Up to 22kV) & LV cables
- ➤ Testing and repair of electrical equipment that has failed, i.e. DB's, circuit breakers, Light fittings, socket outlets, cables etc.
 - Attend to emergency call-outs;
 - Repair electrical motors, test and switch ON.
 - Repair standby generator plants and associated Automatic Mains Failure (AMF) panels, change-over DB's, contactors and alternators.
 - Execute Works as per SANS 10141-1 or other applicable standards
 - Execute all electrical works as directed by the employer issued orders, these may be repairs, additions or new installations.
 - ➤ Electronic (Security) Works

4. Mechanical Works

- Repair standby generator plants and associated mechanical engines and diesel tanks.
- Execute all mechanical works as directed by the employer issued Task Orders, these may be repairs, additions or new installations.



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NAME (PRINT):		
SIGNATURE:	NAME OF FIRM:	
CAPACITY:	DATE:	

28. GENERAL CONDITIONS OF CONTRACT

Definitions

- 1. The following terms shall be interpreted as indicated:
 - 1.1. "Closing time" means the date and hour specified in the bidding documents for the receipt of bids.
 - 1.2. "Contract" means the written agreement entered into between the purchaser and the supplier, as recorded in the contract form signed by the parties, including all attachments an appendix thereto and all documents incorporated by reference therein.
 - 1.3. "Contract price" means the price payable to the supplier under the contract for the full a proper performance of his contractual obligations.
 - 1.4. "Corrupt practice" means the offering, giving, receiving, or soliciting of anything of value to influence the action of a public official in the procurement process or in contract execution.
 - 1.5. "Countervailing duties" are imposed in cases where an enterprise abroad is subsidized by it government and encouraged to market its products internationally.
 - 1.6. "Country of origin" means the place where the goods were mined, grown or produced or from which the services are supplied. Goods are produced when, through manufacturing, processing or substantial and major assembly of components, a commercially recognized new product results that is substantially different in basic characteristics or in purpose or utility from its components.
 - 1.7"Day" means calendar day.
 - 1.8 "Delivery" means delivery in compliance of the conditions of the contract or order.
 - 1.9 "Delivery ex stock" means immediate delivery directly from stock actually on hand.
 - 1.10 "Delivery into consignees store or to his site" means delivered and unloaded in the specified store or depot or on the specified site in compliance with the conditions of the contract or order, the supplier bearing all risks and charges involved until the supplies are so delivered and a valid receipt is obtained.
 - 1.11 "Dumping" occurs when a private enterprise abroad market its goods on own initiative in the RSA at lower prices than that of the country of origin and which have the potential to harm the local
 - 1.12"Force majeure" means an event beyond the control of the supplier and not involving the supplier's fault or negligence and not foreseeable.22 Such events may include, but is not



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restricted to, acts of the purchaser in its sovereign capacity, wars or revolutions, fires, floods, epidemics, quarantine restrictions and freight embargoes.

- 1.13 "Fraudulent practice" means a misrepresentation of facts in order to influence a procurement process or the execution of a contract to the detriment of any bidder, and includes collusive practice among bidders (prior to or after bid submission) designed to establish bid prices at artificial non-competitive levels and to deprive the bidder of the benefits of free and open competition.
- 1.14 "GCC" means the General Conditions of Contract.
- 1.15 "Goods" means all of the equipment, machinery, and/or other materials that the supplier is required to supply to the purchaser under the contract.
- 1.16"Imported content" means that portion of the bidding price represented by the cost of components, parts or materials which have been or are still to be imported (whether by the supplier or his subcontractors) and which costs are inclusive of the costs abroad, plus freight and other direct importation costs such as landing costs, dock dues, import duty, sales duty or other similar tax or duty at the South African place of entry as well as transportation and handling charges to the factory in the Republic where the supplies covered by the bid will be manufactured.
- 1.17 "Manufacture" means the production of products in a factory using labour, materials, components and machinery and include other related value-adding activities.
- 1.18 "Order" means an official written order issued for the supply of goods or works or the rendering of a service.
- 1.19 "Project site," where applicable, means the place indicated in bidding documents. 1.21 "Purchaser" means the organization purchasing the goods.
- 1.20 "Republic" means the Republic of South Africa. 1.23 "SCC" means the Special Conditions of Contract.
- 1.21 "Services" means those functional services ancillaries to the supply of the goods, such as transportation and any other incidental services, such as installation, commissioning, provision of technical assistance, training, catering, gardening, security, maintenance and other such obligations of the supplier covered under the contract.
- 1.22 "Written" or "in writing" means handwritten in ink or any form of electronic or mechanical writing.

2. Application

- 2.1 These general conditions are applicable to all bids, contracts and orders including bids for functional and professional services, sales, hiring, letting and the granting or acquiring of rights, but excluding immovable property, unless otherwise indicated in the bidding documents.
- 2.2 Where applicable, special conditions of contract are also laid down to cover specific supplies, services or works.
- 2.3 Where such special conditions of contract are in conflict with these general conditions, the special conditions shall apply.



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3. General

- 3.1 unless otherwise indicated in the bidding documents, the purchaser shall not be liable for any expense incurred in the preparation and submission of a bid. Where applicable a non-refundable fee for documents may be charged.
- 3.2 With certain exceptions, invitations to bid are only published in the Government Tender Bulletin. The Government Tender Bulletin may be obtained directly from the Government Printer, Private Bag X85, Pretoria 0001, or accessed electronically from www.treasury.gov.za

4. Standards

2.1 The goods supplied shall conform to the standards mentioned in the bidding documents and specifications.

3. Use of contract documents and information; inspection.

- 3.1 The supplier shall not, without the purchaser's prior written consent, disclose the contract, or any provision thereof, or any specification, plan, drawing, pattern, sample, or information furnished by or on behalf of the purchaser in connection therewith, to any person other than a person employed by the supplier in the performance of the contract. Disclosure to any such employed person shall be made in confidence and shall extend only so far as may be necessary for purposes of such performance.
- 5.2 The supplier shall not, without the purchaser's prior written consent, make use of any document or information mentioned in GCC clause
- 5.3 except for purposes of performing the contract.
- 5.4 Any document, other than the contract itself mentioned in GCC clause
- 5.5 shall remain the property of the purchaser and shall be returned (all copies) to the purchaser on completion of the supplier's performance under the contract if so required by the purchaser.
- 5.6 The supplier shall permit the purchaser to inspect the supplier's records relating to the performance of the supplier and to have them audited by auditors appointed by the purchaser, if so required by the purchaser.

6. Patent rights

6.1 The supplier shall indemnify the purchaser against all third-party claims of infringement of patent, trademark, or industrial design rights arising from use of the goods or any part thereof by the purchaser.

7. Performance security

- 7.1 Within thirty (30) days of receipt of the notification of contract award, the successful bidder shall furnish to the purchaser the performance security of the amount specified in SCC.22
- 7.2 The proceeds of the performance security shall be payable to the purchaser as compensation for



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any loss resulting from the supplier's failure to complete his obligations under the contract.

- 7.3 The performance security shall be denominated in the currency of the contract, or in a freely convertible currency acceptable to the purchaser and shall be in one of the following forms:
 - (a) a bank guarantee or an irrevocable letter of credit issued by a reputable bank located in the purchaser's country or abroad, acceptable to the purchaser, in the form provided in the bidding documents or another form acceptable to the purchaser; or
 - (b) a cashier's or certified cheque
- 7.4 The performance security will be discharged by the purchaser and returned to the supplier not later than thirty (30) days following the date of completion of the supplier's performance obligations under the contract, including any warranty obligations, unless otherwise specified in SCC.

8. Inspections, tests and analyses

- 8.1 All pre-bidding testing will be for the account of the bidder.
- 8.2 If it is a bid condition that supplies to be produced or services to be rendered should at any stage during production or execution or on completion be subject to inspection, the premises of the bidder or contractor shall be open, at all reasonable hours, for inspection by a representative of the Department or an organization acting on behalf of the Department.
 - 8.3 If there are no inspection requirements indicated in the bidding documents and no mention is made in the contract, but during the contract period it is decided that inspections shall be carried out, the purchaser shall itself make the necessary arrangements, including payment arrangements with the testing authority concerned.
 - 8.4 If the inspections, tests and analyses referred to in clauses 8.2 and 8.3 show the supplies to be in accordance with the contract requirements, the cost of the inspections, tests and analyses shall be defrayed by the purchaser.
 - 8.5 Where the supplies or services referred to in clauses 8.2 and 8.3 do not comply with the contract requirements, irrespective of whether such supplies or services are accepted or not, the cost in connection with these inspections, tests or analyses shall be defrayed by the supplier.
 - 8.6 Supplies and services which are referred to in clauses 8.2 and 8.3 and which do not comply with the contract requirements may be rejected.
 - 8.7 Any contract supplies may on or after delivery be inspected, tested or analyzed and may be rejected if found not to comply with the requirements of the contract. Such rejected supplies shall be held at the cost and risk of the supplier who shall, when called upon, remove them immediately at his own cost and forthwith substitute them with25 supplies which do comply with the requirements of the contract. Failing such removal the rejected supplies shall be returned at the suppliers cost and risk. Should the supplier fail to provide the substitute supplies forthwith, the purchaser may, without giving the supplier further opportunity to substitute the rejected supplies, purchase such supplies as may be necessary at the expense of the supplier.
- 8.8 The provisions of clauses 8.2 to 8.7 shall not prejudice the right of the purchaser to cancel the contract on account of a breach of the conditions thereof, or to act in terms of Clause 23 of GCC.



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9. Packing

- 9.1 The supplier shall provide such packing of the goods as is required to prevent their damage or deterioration during transit to their final destination, as indicated in the contract. The packing shall be sufficient to withstand, without limitation, rough handling during transit and exposure to extreme temperatures, salt and precipitation during transit, and open storage. Packing, case size and weights shall take into consideration, where appropriate, the remoteness of the goods' final destination and the absence of heavy handling facilities at all points in transit.
- 9.2 The packing, marking, and documentation within and outside the packages shall comply strictly with such special requirements as shall be expressly provided for in the contract, including additional requirements, if any, specified in SCC, and in any subsequent instructions ordered by the purchaser.

10. Delivery and documents

- 10.1 Delivery of the goods shall be made by the supplier in accordance with the terms specified in the contract. The details of shipping and/or other documents to be furnished by the supplier are specified in SCC.
- 10.2 Documents to be submitted by the supplier are specified in SCC.

11. Insurance

11.1 The goods supplied under the contract shall be fully insured in a freely convertible currency against loss or damage incidental to manufacture or acquisition, transportation, storage and delivery in the manner specified in the SCC. 12. Transportation 12.1 Should a price other than an all-inclusive delivered price be required, this shall be specified in the SCC.

13. Incidental services

- 13.1 The supplier may be required to provide any or all of the following services, including additional services, if any, specified in SCC:
- (a) performance or supervision of on-site assembly and/or commissioning of the supplied goods;
- (b) furnishing of tools required for assembly and/or maintenance of the supplied goods;
- (c) furnishing of a detailed operations and maintenance manual for each appropriate unit of the supplied goods;
- (d) performance or supervision or maintenance and/or repair of the supplied goods, for a period of time agreed by the parties, provided that this service shall not relieve the supplier of any warranty obligations under this contract; and 26
- (e) training of the purchaser's personnel, at the supplier's plant and/or on-site, in assembly, start-up, operation, maintenance, and/or repair of the supplied goods.
- 13.2 Prices charged by the supplier for incidental services, if not included in the contract price for the goods, shall be agreed upon in advance by the parties and shall not exceed the prevailing rates charged to other parties by the supplier for similar services.



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14. Spare parts

- 12.1 As specified in SCC, the supplier may be required to provide any or all of the following materials, notifications, and information pertaining to spare parts manufactured or distributed by the supplier:
- (a) such spare parts as the purchaser may elect to purchase from the supplier, provided that this election shall not relieve the supplier of any warranty obligations under the contract; and
- (b) in the event of termination of production of the spare parts:
- (i) Advance notification to the purchaser of the pending termination, in sufficient time to permit the purchaser to procure needed requirements; and
- (ii)following such termination, furnishing at no cost to the purchaser, the blueprints, drawings, and specifications of the spare parts, if requested.

15. Warranty

- 15.1 The supplier warrants that the goods supplied under the contract are new, unused, of the most recent or current models, and that they incorporate all recent improvements in design and materials unless provided otherwise in the contract. The supplier further warrants that all goods supplied under this contract shall have no defect, arising from design, materials, or workmanship (except when the design and/or material is required by the purchaser's specifications) or from any act or omission of the supplier, that may develop under normal use of the supplied goods in the conditions prevailing in the country of final destination.
- 15.2 This warranty shall remain valid for twelve (12) months after the goods, or any portion thereof as the case may be, have been delivered to and accepted at the final destination indicated in the contract, or for eighteen (18) months after the date of shipment from the port or place of loading in the source country, whichever period concludes earlier, unless specified otherwise in SCC.
- 15.3 The purchaser shall promptly notify the supplier in writing of any claims arising under this warranty.
- 15.4 Upon receipt of such notice, the supplier shall, within the period specified in SCC and with all reasonable speed, repair or replace the defective goods or parts thereof, without costs to the purchaser.
- 15.5 If the supplier, having been notified, fails to remedy the defect(s) within the period specified in SCC, the purchaser may proceed to take such remedial action as may be necessary, at the supplier's risk and expense and without prejudice to any other rights which the purchaser may have against the supplier under the contract.27

16. Payment

- 16.1 The method and conditions of payment to be made to the supplier under this contract shall be specified in SCC.
- 16.2 The supplier shall furnish the purchaser with an invoice accompanied by a copy of the delivery note and upon fulfillment of other obligations stipulated in the contract.
- 16.3 Payments shall be made promptly by the purchaser, but in no case later than thirty (30) days after submission of an invoice or claim by the supplier.



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16.4 Payment will be made in Rand unless otherwise stipulated in SCC.

17. Prices

17.1 Prices charged by the supplier for goods delivered and services performed under the contract shall not vary from the prices quoted by the supplier in his bid, with the exception of any price adjustments authorized in SCC or in the purchaser's request for bid validity extension, as the case may be.

18. Contract amendments

18.1 No variation in or modification of the terms of the contract shall be made except by written amendment signed by the parties concerned.

19. Assignment

19.1 The supplier shall not assign, in whole or in part, its obligations to perform under the contract, except with the purchaser's prior written consent.

20. Subcontracts

20.1 The supplier shall notify the purchaser in writing of all subcontracts awarded under this contracts if not already specified in the bid. Such notification, in the original bid or later, shall not relieve the supplier from any liability or obligation under the contract.

21. Delays in the supplier's performance

- 21.1 Delivery of the goods and performance of services shall be made by the supplier in accordance with the time schedule prescribed by the purchaser in the contract.
- 21.2 If at any time during performance of the contract, the supplier or its subcontractor(s) should encounter conditions impeding timely delivery of the goods and performance of services, the supplier shall promptly notify the purchaser in writing of the fact of the delay, its likely duration and its cause(s). As soon as practicable after receipt of the supplier's notice, the purchaser shall evaluate the situation and may at his discretion extend the supplier's time for performance, with or without the imposition of penalties, in which case the extension shall be ratified by the parties by amendment of contract.
- 21.3 No provision in a contract shall be deemed to prohibit the obtaining of supplies or services from a national department, provincial department, or a local authority.
- 21.4 The right is reserved to procure outside of the contract small quantities or to have minor essential services executed if an emergency arises, the supplier's point of supply is not situated at or near the place where the supplies are required, or the supplier's services are not readily available.28
- 21.5 Except as provided under GCC Clause 25, a delay by the supplier in the performance of its delivery obligations shall render the supplier liable to the imposition of penalties, pursuant to GCC Clause 22, unless an extension of time is agreed upon pursuant to GCC Clause 21.2 without the application of penalties.



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21.6 Upon any delay beyond the delivery period in the case of a supplies contract, the purchaser shall, without cancelling the contract, be entitled to purchase supplies of a similar quality and up to the same quantity in substitution of the goods not supplied in conformity with the contract and to return any goods delivered later at the supplier's expense and risk, or to cancel the contract and buy such goods as may be required to complete the contract and without prejudice to his other rights, be entitled to claim damages from the supplier.

22. Penalties

22.1 Subject to GCC Clause 25, if the supplier fails to deliver any or all of the goods or to perform the services within the period(s) specified in the contract, the purchaser shall, without prejudice to its other remedies under the contract, deduct from the contract price, as a penalty, a sum calculated on the delivered price of the delayed goods or unperformed services using the current prime interest rate calculated for each day of the delay until actual delivery or performance. The purchaser may also consider termination of the contract pursuant to GCC Clause 23.

23. Termination for default

- 23.1 The purchaser, without prejudice to any other remedy for breach of contract, by written notice of default sent to the supplier, may terminate this contract in whole or in part:
- (a) if the supplier fails to deliver any or all of the goods within the period(s) specified in the contract, or within any extension thereof granted by the purchaser pursuant to GCC Clause 21.2; (b) if the Supplier fails to perform any other obligation(s) under the contract; or
- (c) if the supplier, in the judgment of the purchaser, has engaged in corrupt or fraudulent practices in competing for or in executing the contract.
- 23.2 In the event the purchaser terminates the contract in whole or in part, the purchaser may procure, upon such terms and in such manner as it deems appropriate, goods, works or services similar to those undelivered, and the supplier shall be liable to the purchaser for any excess costs for such similar goods, works or services. However, the supplier shall continue performance of the contract to the extent not terminated.
- 23.3 Where the purchaser terminates the contract in whole or in part, the purchaser may decide to impose a restriction penalty on the supplier by prohibiting such supplier from doing business with the public sector for a period not exceeding 10 years.
- 23.4 If a purchaser intends imposing a restriction on a supplier or any person associated with the supplier, the supplier will be allowed a time period of not more than fourteen (12) days to provide reasons why the envisaged restriction should not be imposed. Should the supplier fail to respond within the stipulated fourteen (12) days the purchaser may regard29 the intended penalty as not objected against and may impose it on the supplier.
- 23.5 Any restriction imposed on any person by the Accounting Officer / Authority will, at the discretion of the Accounting Officer / Authority, also be applicable to any other enterprise or any partner, manager, director or other person who wholly or partly exercises or exercised or may exercise control over the enterprise of the first-mentioned person, and with which enterprise or person the first-mentioned person, is or was in the opinion of the Accounting Officer / Authority actively associated.



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- 23.6 If a restriction is imposed, the purchaser must, within five (5) working days of such imposition, furnish the National Treasury, with the following information:
- (i) the name and address of the supplier and / or person restricted by the purchaser;
- (ii) the date of commencement of the restriction
- (iii) the period of restriction; and (iv) the reasons for the restriction. These details will be loaded in the National Treasury's central database of suppliers or persons prohibited from doing business with the public sector.

23.7 If a court of law convicts a person of an offence as contemplated in sections 12 or 13 of the Prevention and Combating of Corrupt Activities Act, No. 12 of 2002, the court may also rule that such person's name be endorsed on the Register for Tender Defaulters. When a person's name has been endorsed on the Register, the person will be prohibited from doing business with the public sector for a period not less than five years and not more than 10 years. The National Treasury is empowered to determine the period of restriction and each case will be dealt with on its own merits. According to section 32 of the Act the Register must be open to the public. The Register can be perused on the National Treasury website.

24. Anti-dumping and countervailing duties and rights

24.1 When, after the date of bid, provisional payments are required, or antidumping or countervailing duties are imposed, or the amount of a provisional payment or anti-dumping or countervailing right is increased in respect of any dumped or subsidized import, the State is not liable for any amount so required or imposed, or for the amount of any such increase. When, after the said date, such a provisional payment is no longer required or any such anti-dumping or countervailing right is abolished, or where the amount of such provisional payment or any such right is reduced, any such favourable difference shall on demand be paid forthwith by the contractor to the State or the State may deduct such amounts from moneys (if any) which may otherwise be due to the contractor in regard to supplies or services which he delivered or rendered, or is to deliver or render in terms of the contract or any other contract or any other amount which may be due to him

25. Force Majeure

25.1 Notwithstanding the provisions of GCC Clauses 22 and 23, the supplier shall not be liable for forfeiture of its performance security damages, or termination for default if and to the extent that his delay in performance or other failure to perform his obligations under the contract is the result of an event of force majeure.

25.2 If a force majeure situation arises, the supplier shall promptly notify the purchaser in writing of such condition and the cause thereof. Unless otherwise directed by the purchaser in writing, the supplier shall continue to perform its obligations under the contract as far as is reasonably practical, and shall seek all reasonable alternative means for performance not prevented by the force majeure event.



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26.1 The purchaser may at any time terminate the contract by giving written notice to the supplier if the supplier becomes bankrupt or otherwise insolvent. In this event, termination will be without compensation to the supplier, provided that such termination will not prejudice or affect any right of action or remedy which has accrued or will accrue thereafter to the purchaser.

27. Settlement of Disputes

- 27.1 If any dispute or difference of any kind whatsoever arises between the purchaser and the supplier in connection with or arising out of the contract, the parties shall make every effort to resolve amicably such dispute or difference by mutual consultation.
- 27.2 If, after thirty (30) days, the parties have failed to resolve their dispute or difference by such mutual consultation, then either the purchaser or the supplier may give notice to the other party of his intention to commence with mediation. No mediation in respect of this matter may be commenced unless such notice is given to the other party.
- 27.3 Should it not be possible to settle a dispute by means of mediation, it may be settled in a South African court of law.
- 27.4 Mediation proceedings shall be conducted in accordance with the rules of procedure specified in the SCC.
- 27.5 Notwithstanding any reference to mediation and/or court proceedings herein,
- (a) the parties shall continue to perform their respective obligations under the contract unless they otherwise agree; and
- (b) the purchaser shall pay the supplier any monies due the supplier.

28. Limitation of liability

28.1 Except in cases of criminal negligence or willful misconduct, and in the case of infringement pursuant to Clause 6; (a) the supplier shall not be liable to the purchaser, whether in contract, tort, or otherwise, for any indirect or consequential loss or damage, loss of use, loss of production, or loss of profits or interest costs, provided that this exclusion shall not apply to any obligation of the supplier to pay penalties and/or damages to the purchaser; and31

29. Governing language

- (b) aggregate liability of the supplier to the purchaser, whether under the contract, in tort or otherwise, shall not exceed the total contract price, provided that this limitation shall not apply to the cost of repairing or replacing defective equipment.
- 29.1 The contract shall be written in English. All correspondence and other documents pertaining to the contract that is exchanged by the parties shall also be written in English.

30. Applicable law

30.1 The contract shall be interpreted in accordance with South African laws, unless otherwise specified in SCC.

31. Notices



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- 31.1 Every written acceptance of a bid shall be posted to the supplier concerned by registered or certified mail and any other notice to him shall be posted by ordinary mail to the address furnished in his bid or to the address notified later by him in writing and such posting shall be deemed to be proper service of such notice
- 31.2 The time mentioned in the contract documents for performing any act after such aforesaid notice has been given, shall be reckoned from the date of posting of such notice.

32. Taxes and duties

- 32.1 A foreign supplier shall be entirely responsible for all taxes, stamp duties, license fees, and other such levies imposed outside the purchaser's country.
- 32.2 A local supplier shall be entirely responsible for all taxes, duties, license fees, etc., incurred until delivery of the contracted goods to the purchaser.
- 32.3 No contract shall be concluded with any bidder whose tax matters are not in order. Prior to the award of a bid the Department must be in possession of a tax clearance certificate, submitted by the bidder. This certificate must be an original issued by the South African Revenue Services.

33. National Industrial Participation (NIP) Programme

33.1 The NIP Programme administered by the Department of Trade and Industry shall be applicable to all contracts that are subject to the NIP obligation. General Conditions of Contract (revised February 20

34. Prohibition of Restrictive practices

- 34.1. In terms of section
- 4 (1) (b) (iii) of the Competition Act No. 89 of 1998, as amended, an agreement between, or concerted practice by, firms, or a decision by an association of firms, is prohibited if it is between parties in a horizontal relationship and if a bidder (s) is / are or a contractor(s) was / were involved in collusive bidding (or bid rigging).
- 34.2. If a bidder(s) or contractor(s), based on reasonable grounds or evidence obtained by the purchaser, has / have engaged in the restrictive practice referred to above, the purchaser may refer the matter to the Competition Commission for investigation and possible imposition of administrative penalties as contemplated in the Competition Act No. 89 of 1998.
- 34.3. If a bidder(s) or contractor(s), has / have been found guilty by the Competition Commission of the restrictive practice referred to above, the purchaser may, in addition and without prejudice to any other remedy provided for, invalidate the bid(s) for such item(s) offered, and / or terminate the contract in whole or part, and / or restrict the bidder(s) or contractor(s) from conducting business with the public sector for a period not exceeding ten (10) years and / or claim damages from the bidder(s) or contractor(s) concerned.