

# public works & infrastructure

# Department: Public Works and Infrastructure REPUBLIC OF SOUTHAFRICA

# **BID DOCUMENT**

PROJECT DESCRIPTION: SUPPLY AND DELIVERY OF ELECTRICAL MATERIALS AND TOOLS FOR PERIOD OF 36 MONTHS

BID NO:

PT-23-018

Closing Date:

30 October 2023

**Closing Time:** 

11:00 AM

**Bid Briefing Meeting Date:** 

N/A

**Bid Briefing Meeting time:** 

N/A

Tenderers CSD No:	00001
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Name of the Tenderer: .....

## **Bid Box Address**

Department of Public Works & Infrastructure(Pretoria region) AVN Gebou Building 251 Nana Sita Street Pretoria Central 0002

**SCM SPECIFIC ENQUIRIES:** 

Enquires: Sekwati Molepo

Tel No: 012 492 1467 during office hours

Cell No: Click here to enter text.

Email Address: Sekwati.Molepo@dpw.gov.za

**TECHNICAL / PROJECT SPECIFIC ENQUIRIES** 

Enquires:

Sibusiso Thala

Tel No:

N/A

Cell No: 060 868 1193

Email Address: Sibusiso.Thala@dpw.gov.za



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# **SUMMARY OF BID INFORMATION**

Bid Number	PT-23-018				
Bid/ Project Description	SUPPLY AND DELIVERY OF PERIOD OF 36 MONTHS	ELECTRICAL MATERIALS AND TOOLS FOR			
Bid Closing date & Time	Monday, 30 October 2023	Closing Time: 11:00 AM			
Bid Briefing Date & Time (If applicable)	N/A	N/A			
Venue	N/A				
SCM SPECIFIC	Sekwati Molepo	_Sekwati.Molepo@dpw.gov.za			
ENQUIRIES:	012 492 1467	N/A			
TECHNICAL / PROJECT	Sibusiso Thala	Sibusiso.Thala@dpw.gov.za			
SPECIFIC ENQUIRIES	N/A 060 868 1193				
Bid Validity Period	84 Calender days				
Bid Document Price	R 500.00				
Procurement Plan Reference Number	2104				



# PA 32: INVITATION TO BID

# PART A

YOU ARE HERE	BY INVITED TO BID F	OR REQUIREMENTS	S OF THE	(NAME C	OF DEPA	ARTMEN	NT/ PUBLIC	ENTITY)		
BID NUMBER:	PT-23-018	CLOSING DAT		Monday 2023			CLOSING		11H00 AM	
		DELIVERY	OF E	_ECTR	ICAL	MAT	<b>TERIAL</b>	S AND	<b>TOOLS</b>	<b>FOR</b>
	PERIOD OF 36									
GS).	UL BIDDER WILL BE				WRITTE	N CON	TRACT FO	ORM (DPW)	04.1 GS or D	PW04.2
	DOCUMENTS MAY BE TREET ADDRESS)	DEPOSITED IN THE	E BID BOX	(						
Department of	Public Works & In	frastructure(Preto	ria regio	n) AVN	Gebou	buildir	ng,			
251 Nana Sita	Street, Pretoria Ce	ntral 0002								
OR POSTED TO:										
Department of	Public Works & Int	frastructure(Preto	ria regio	n) AVN	Gebou	buildir	ng			
	229 Pretoria 0001									
SUPPLIER INFO	RMATION									
NAME OF BIDDE	R									
POSTAL ADDRE	SS									
STREET ADDRE	SS		1							
TELEPHONE NUMBER		CODE				NUMB	ER			
CELLPHONE NU	MBER									
FACSIMILE NUM	BER	CODE				NUMB	ER			
E-MAIL ADDRES	S									
VAT REGISTRAT	ION NUMBER				1					
		TCS PIN:			OR	CSD N	lo:			
Signature of Bidde	er				Date					
	R WHICH THE BID IS proof of authority to sign on of Directors, etc.)									
TOTAL NUMBER O	F ITEMS OFFERED				TOTAL (ALL TAXES)		PRICE USIVE R			
DIDDING DDGGE	DUDE ENGLUDIES M	W DE DIDEATED TO								
	DURE ENQUIRIES MA	PUBLIC WORK					ATION MA	Y BE DIRE		
DEPARTMENT/ P		INFRASTRUCTURE		CONTACT PERSON Sibusiso						
CONTACT PERSO		Sekwati Molepo			HONE N		Κ	060 868 11	93	
FACSIMILE NUM		012 492 1467			MILE NU L ADDRI			Cibusias 7	Tholo@d-	701/55
E-MAIL ADDRESS		Sekwati.molepo@d	ow.gov.za		NUMBER			060 868	<u> Thala@dpw.</u> 1193	gov.za

BID NO: PT-23-018



# PART B TERMS AND CONDITIONS FOR BIDDING

## BID SUBMISSION:

- 1.1. BIDS MUST BE DELIVERED BY THE STIPULATED TIME TO THE CORRECT ADDRESS. LATE BIDS WILL NOT BE ACCEPTED FOR CONSIDERATION.
- 1.2. ALL BIDS MUST BE SUBMITTED ON THE OFFICIAL FORMS PROVIDED-(NOT TO BE RE-TYPED) OR ONLINE
- 1.3. BIDDERS MUST REGISTER ON THE CENTRAL SUPPLIER DATABASE (CSD) TO UPLOAD MANDATORY INFORMATION NAMELY: (BUSINESS REGISTRATION/ DIRECTORSHIP/ MEMBERSHIP/IDENTITY NUMBERS; TAX COMPLIANCE STATUS; AND BANKING INFORMATION FOR VERIFICATION PURPOSES).
- 1.4. WHERE A BIDDER IS NOT REGISTERED ON THE CSD, MANDATORY INFORMATION NAMELY: (BUSINESS REGISTRATION/ DIRECTORSHIP/ MEMBERSHIP/IDENTITY NUMBERS; TAX COMPLIANCE STATUS MAY NOT BE SUBMITTED WITH THE BID DOCUMENTATION.

# 2. TAX COMPLIANCE REQUIREMENTS

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

3.	QUESTIONNAIRE TO BIDDING FOREIGN SUPPLIERS	
3.1.	IS THE BIDDER A RESIDENT OF THE REPUBLIC OF SOUTH AFRICA (RSA)?	☐ YES ☐ NO
3.2.	DOES THE BIDDER HAVE A BRANCH IN THE RSA?	☐ YES ☐ NO
3.3.	DOES THE BIDDER HAVE A PERMANENT ESTABLISHMENT IN THE RSA?	YES NO
3.4.	DOES THE BIDDER HAVE ANY SOURCE OF INCOME IN THE RSA?	YES NO
STA	HE ANSWER IS "NO" TO ALL OF THE ABOVE, THEN, IT IS NOT A REQUIREMENT TO OBTAIN A TUS / TAX COMPLIANCE SYSTEM PIN CODE FROM THE SOUTH AFRICAN REVENUE SERVICE ( ISTER AS PER 2.3 ABOVE.	

NB: FAILURE TO PROVIDE ANY OF THE ABOVE PARTICULARS MAY RENDER THE BID INVALID. AN ORIGINAL OR CERTIFIED COPY OF THE B-BBEE STATUS LEVEL VERIFICATION CERTIFICATE MUST BE SUBMITTED IN ORDER TO QUALIFY FOR PREFERENCE POINTS FOR B-BBEE.

## Note Well:

- a) In respect of non VAT vendors the bidders may not increase the bid price under Section 67(1) of the Value Added Tax Act of 1991 where the relevant transaction would become subject to VAT by reason of the turnover threshold being exceeded and the bidder becomes liable for VAT.
- b) All delivery costs must be included in the bid price, for delivery at the prescribed destination.
- c) The price that appears on this form is the one that will be considered for acceptance as a firm and final offer.
- d) The grand total in the pricing schedule(s), inclusive of VAT, attached to the bid offer must correlate and be transferred to this form (PA32).
- e) Where there are inconsistencies between the grand total price offer in the pricing schedule(s) and the PA32 price offer, the price offer on the PA32 shall prevail and deemed to be firm and final. No further correspondence shall be entered into in this regard.



# PA-04 (GS): NOTICE AND INVITATION TO BID

# THE DEPARTMENT OF PUBLIC WORKS AND INFRASTRUCTURE INVITES BIDDERS FOR:

Project title:	SUPPLY AND DEL PERIOD OF 36 MONT		MATERIALS AND TOOLS FOR
Bid no:	PT-23-018	Procurement Plan Reference no:	2104
Advertising date:	Friday, 06 October 2023	Closing date:	Monday, 30 October 2023
Closing time:	11:00 AM	Validity period:	84 Calender days

# 1. FUNCTIONALITY CRITERIA APPLICABLE

1.1. The Bid will not be evaluated on Functionality

Functionality criteria¹:	Weighting factor:
OTAL	N/A

Minimum functionality score to qualify for further evaluation:	Minimum functionality score to qualify for further evaluation:	N/A
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(Total minimum qualifying score for functionality is 50 Percent, any deviation below or above the 50 Percent, provide motivation below)

# 2. EVALUATION METHOD FOR RESPONSIVE BIDS

☐ Method 1 (Financial offer) ☐ Method 2 (Financial and Preference offer)
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# 2.1 The 80/20 Preference points scoring system will be applicable for this bid

<sup>&</sup>lt;sup>1</sup>The points allocated to each functionality criterion should not be generic but should be determined separately for each tender on a case by case basis.



# 3. RESPONSIVENESS CRITERIA

3.1. Indicate substantive responsiveness criteria applicable for this tender. Failure to comply with the criteria stated hereunder <u>shall</u> result in the tender offer being disqualified from further consideration:

1		Only those tenderers who satisfy the eligibility criteria stated in the Tender Data may submit tenders.
2		Tender offer must be properly received on the tender closing date and time specified on the invitation, fully completed either electronically (if issued in electronic format), or by writing legibly in non-erasable ink. (All as per Standard Conditions of Tender).
3		All parts of tender documents submitted must be fully completed in ink and signed where required
4		Use of correction fluid is prohibited.
5		Submission of PA-32: Invitation to Bid
6		Submission of record of attending compulsory briefing session.  insert motivation why the tender clarification meeting is declared compulsory
7	$\boxtimes$	Registration on National Treasury's Central Supplier Database.
8		Submission of DPW-07 (FM) (Form of offer and Acceptance)
9		Bidders to submit with the bid appointment letters and Completion Certificates of two (2) completed projects of similar scope of work for at least 12 months period completed with the minimum value of R4 Million per project on company letter head with traceable contact details.
10	$\boxtimes$	Submission of DPW-09: Particulars of Tenderer's Projects.
11		The tenderer shall submit his fully priced bills of quantities / lamp sum documents (complete document inclusive of all parts) together with his tender.
12		The tenderer shall submit his fully priced and completed sectional summary and final summary pages with the tender.

3.2. Indicate administrative requirements applicable for this tender. Tenderers may be required to submit the below documents where applicable.

The Employer reserves the right to request further information regarding the undermentioned criteria. Failing to submit further clarification and/or documentation within seven (7) calendar days from request or as specifically indicated, will disqualify the tender offer from further consideration.

-		
1		Any correction to be initialled by the person authorised to sign the tender documentation as per PA 15.1 or PA 15.2 resolution of board/s of directors / or PA15.3 Special Resolution of Consortia or JV's.
2		Submission of applicable (PA-15.1, PA-15.2, PA-15.3): Resolution by the legal entity, or consortium / joint venture, authorising a dedicated person(s) to sign documents on behalf of the firm / consortium / joint venture.
3		Submission of (PA-11): Bidder's disclosure.
4		Submission of (PA 40): Declaration of Designated Groups for Preferential Procurement.
5		Submission of proof of Registration on National Treasury's Central Supplier Database (CSD) or insert the Supplier Registration Number on the form of offer
6		Upon request, submission of a fully completed security clearance application form with supporting documentation and information as required. The security clearance form will be provided by the Employer for projects requiring a security clearance.
7	$\boxtimes$	In case of a joint venture, Bidders to submit with the bid separate (PA-11) Bidder's Disclosure
8	$\boxtimes$	Submission of (PA-09): List of returnable documents.
9	$\boxtimes$	Submission of (PA-29) Certification on Independent Bid Determination.
10		Specify other responsiveness criteria



3.3. Indicate administrative requirements applicable for this tender. Tenderers may be required to submit the below documents where applicable.

The Employer reserves the right to request further information regarding the undermentioned criteria. Failing to submit further clarification and/or documentation within seven (7) calendar days from request or as specifically indicated, will disqualify the tender offer from further consideration.

1.	Any correction to be initialled by the person authorised to sign the tender documentation as per PA 15.1 or PA 15.2 resolution of board/s of directors / or PA15.3 Special Resolution of Consortia or JV's.
2.	Submission of applicable (PA-15.1, PA-15.2, PA-15.3): Resolution by the legal entity, or consortium / joint venture, authorising a dedicated person(s) to sign documents on behalf of the firm / consortium / joint venture.
3.	Submission of (PA-11): Bidder's disclosure
4.	Submission of proof of Registration on National Treasury's Central Supplier Database (CSD).
5.	All parts of tender documents submitted must be fully completed in ink and signed where required.
6.	Upon request, submission of fingerprints obtainable from local SAPS including any other additional documentation and information required for vetting purposes.
7.	Upon request, submission of a fully completed security clearance application form with supporting documentation and information as required. The security clearance form will be provided by the Employer for projects requiring a security clearance.
8.	Submission of (PA 40): Declaration of Designated Groups for Preferential Procurement
9.	Bidders will be evaluated as per special conditions of bid (SCB-1)
10.	Submission of DPW-09 (EC): Paticular of Tenderer's Projects: Bidders may use 'own form' - the details of all the tenderers current and previous projects must however be similar to the DPW-09 (EC) forms details. Bidders are required to sign and date the DPW09 / 'own form' and cross-reference the documents if 'own form' is used.
11.	Submision of DPW-21 (EC): Record of addenda to tender documents: Bidder maybe requested to confirm receipt and or compliance with the "Record of Addenda" if the record of Addenda" was not submitted with the bid at the closing date.
.12.	Submission of (PA-29) Certification on Independent Bid Determination.
13.	Submission of (PA-09): List of returnable documents.
14.	In case of a joint venture, Bidders to submit with the bid separate (PA-11) Bidder's Disclosure

3.4. Indicate administrative requirements applicable for specific goals, Tenderers will not be required to submit the below document if not provided in the original tender proposals, Failure to comply with the criteria stated hereunder shall result in the tenderer not allocated points for specific goals.

1	Submission of (PA-16): Preference Points Claim Form in terms of the Preferential Procurement Regulations 2022
2	A trust, consortium or joint venture (including unincorporated consortia and joint ventures) must submit a consolidated B-BBEE Certificate issued by a SANAS accredited service provider



# 4. METHOD TO BE USED TO CALCULATE POINTS FOR SPECIFIC GOALS

# 4.1. For procurement transaction with rand value greater than R1 Million and up to R50 Million (Inclusive of all applicable taxes) the specific goals listed below are applicable.

Serial No	Specific Goals	Preference Points allocated out of 20	Documentation to be submitted by bidders to validate their claim for points
1.	An EME or QSE or any entity which is at least 51% owned by black people	10	<ul> <li>SANAS Accredited BBBEE Certificate or sworn affidavit where applicable.</li> </ul>
2.	Located in a specific Local Municipality or District Municipality or Metro or Province area for work to be done or services to be rendered in that area	2	<ul> <li>Official Municipal Rates Statement which is in the name of the bidder.         Or         <ul> <li>Any Account or statement which is in the name of the Bidder.</li></ul></li></ul>
3.	An EME or QSE or any entity which is at least 51% owned by black women	4	SANAS Accredited BBBEE Certificate or sworn affidavit where applicable.
4.	An EME or QSE or any entity which is at least 51% owned by black people with disability	2	<ul> <li>SANAS Accredited BBBEE Certificate or sworn affidavit where applicable. and</li> <li>Medical Certificate indicating that the disability is permanent or</li> <li>South African Social Security Agency (SASSA) registration indicating that the disability is permanent Or</li> <li>National Council for Persons with Physical Disability in South Africa registration (NCPPDSA)</li> </ul>
5.	An EME or QSE or any entity which is at least 51% owned by black youth	2	ID Copy and SANAS Accredited BBBEE Certificate or sworn affidavit where applicable.

# 5. BID EVALUATION METHOD

This bid will be evaluated according to the preferential procurement model in the PPPFA and the 80/20 preference point scoring system will be applicable

# 6. COLLECTION OF TENDER DOCUMENTS

- Bid documents are available for free download on e-Tender portal www.etenders.gov.za
- Alternatively; Bid documents may be collected during working hours at the following address NDPWI.

A non-refundable bid deposit of R 500.00 is payable (cash only) on collection of the bid documents.



# SITE INSPECTION MEETING Details of Bid Briefing meeting (if any)

There will be no bid briefing meeting.

Venue:	N/A		
Virtual meeting link:	N/A		
Date:	N/A	Starting time:	N/A

# 8. ENQUIRIES

8.1 Technical enquiries may be addressed to:

DPWI Project Manager	Sibusiso Thala	Telephone no:	Indicate	
Cellular phone no	060 868 1193	Fax no:	None	
E-mail	Sibusiso.Thala@dpw.gov.z	<u>za</u>	•	

# 8.1 SCM enquiries may be addressed to:

SCM Official	Sekwati Molepo	Telephone no:	Indicate
Cellular phone no	012 492 1467	Fax no:	None
E-mail	_Sekwati.Molepo@dpw.gov.za	1 1 2	1

# 9. DEPOSIT / RETURN OF TENDER DOCUMENTS

Telegraphic, telephonic, telex, facsimile, electronic and / or late tenders will not be accepted.

Requirements for sealing, addressing, delivery, opening and assessment of tenders are stated in the Tender Data.

All tenders must be completed in non-erasable ink and submitted on the official forms - (forms not to be re-typed).

Closing Date: Monday, 30 October 2023

**Closing Time:** 11:00 AM

Tender documents may be posted to:		Deposited in the tender box at:
The Director-General		-
Department of Public Works and Infrastructure		The Bid Box
Private Bag X 229	OR	Department of Public Works & Infrastructure
Pretoria	UR	251 Nana Sita
0001		AVN Building
Documents must be deposited in The Bid Box		Pretoria
before the closing date of the bid		Ground Floor Reception



# DPW-07 (FM): FORM OF OFFER AND ACCEPTANCE

Tender no: PT23-018

Rand (in words):

### **OFFER**

The Employer, identified in the acceptance signature block, has solicited offers to enter into a contract for the procurement of:

SUPPLY AND DELIVERY OF ELECTRICAL MATERIALS AND TOOLS FOR 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 returnable 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 responsibilities of the Service Provider 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 TAX (All applicable taxes" includes value-added tax, pay as you earn, income tax, unemployment insurance fund contributions and skills development levies ) IS:

Rand in figures:	R		
for acceptance as a firm and fin	nal offer.		ferred tender(s). The negotiated and agreed price will be considered
returning one copy of this	document to the Tenderer b	efore	acceptance part of this form of offer and acceptance and the end of the period of validity stated in the tender data Service Provider in the conditions of contract identified in
THIS OFFER IS MADE BY	THE FOLLOWING LEGAL	ENT	TY: (cross out block which is not applicable)
Company or Close Corporati	on:	1	Natural Person or Partnership:
And: Whose Registration Nu	•		Whose Identity Number(s) is/are:
		OR	
And: Whose Income Tax Ref	erence Number is:		Whose Income Tax Reference Number is/are:
CSD supplier number:			CSD supplier number:
	AND WHO	O IS (if	applicable):
Trading under the name and	style of:		
	AN	ID WH	O IS:
Represented herein, and who	is duly authorised to do so, by	<b>/</b> :	Note:
Mr/Mrs/Ms:			A Resolution / Power of Attorney, signed by all the Directors / Member / Partners of the Legal Entity must accompany this
In his/her capacity as:			Offer, authorising the Representative to make this offer.

Any reference to words "Bid" or Bidder" herein and/or in any other documentation shall be construed to have the same meaning as the words "Tender" or "Tenderer".

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For Internal & External Use

Effective date April 2017

Version: 1.4



SIGNED FOR THE TENDERER:			
Nome of representative	0:		
Name of representative Tender no: PT23-018	Signature		Date
WITNESSED BY:			
Name of witness	Signature		Date
This Offer is in respect of: (Please indicate with The official documents The official alternative Own alternative (only if documentation makes		(N.B.: Separate	e Offer and Acceptance forms inpleted for the main and for e offer)
SECURITY OFFERED:			
The Service Provider will provide one of the following	ng forms of security:		
(1) Cash deposit of 2.5% of the Contract Sum	(excl. VAT)		Yes ☐ No ☐
(2) Variable guarantee of 2.5% of the Contract	Sum (excl. VAT) (DPW-10.5: F	M)	Yes ☐ No ☐
(3) Retention of 2.5% of the Contract Sum (ex	cl. VAT)		Yes ☐ No ☐
(4) 1.25% cash deposit and 1.25% retention of	the Contract Sum (excl. VAT)		Yes ☐ No ☐
NB. Guarantees submitted must be issued by eithe Act, 1998 (Act 35 of 1998) or by a bank duly registe to above. No alterations or amendments of the word	red in terms of the Banks Act.	1990 (Act 94 of	ns of the Short-Term Insurance 1990) on the pro-forma referred
The Tenderer elects as its domicilium citandi on notices may be served, as (physical address):			· · · · · · · ·
Other Contact Details of the Tenderer are:			
Telephone No	Cellular Phone No		
Fax No			
Postal address			
Banker			
Bank Account No			••••
Registration No of Tenderer at Department of L			
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 Service Provider 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.

Any reference to words "Bid" or Bidder" herein and/or in any other documentation shall be construed to have the same meaning as the words "Tender" or "Tenderer".

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Effective date April 2017

Version: 1.4



Tender no: PT23-018

# The terms of the contract, are contained in:

Part 1 Agreements and contract data, (which includes this agreement)

Part 2 Pricing data

For the Employer:

Part 3 Scope of work.

Part 4 Site information

and drawings and documents or parts thereof, which may be incorporated by reference into Parts 1 to 4 above.

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 deviations (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 these obligations in accordance with those terms shall constitute a repudiation of this agreement.

Notwithstanding anything contained herein, this agreement comes into effect, if delivered by hand on the day of delivery, or if delivered by courier within two working days after submission by the Employer to the courier services for a door-to-door delivery to the tenderer, provided that the Employer notifies the tenderer of the tracking number within 24 hours of such submission. Unless the tenderer (now Service Provider) within seven working days of the date of such submission notifies the Employer in writing of any reason why he cannot accept the contents of the schedule of deviation to this agreement if applicable), this agreement shall constitute a binding contract between the parties.

atory	Signature	Date
	-	
Department of Pu	ublic Works	
ess	Signature	Date
	Department of Pu	Department of Public Works

DPW-07 (FM): Form of Offer and Acceptance



Tender no: PT23-018

**Schedule of Deviations** 

1.1.1.	Subject:
Detail:	
1.1.2.	Subject:
Detail:	
1.1.3.	Subject:
Detail:	
1.1.4.	Subject:
Detail:	
1.1.5.	Subject:
Detail:	
1.1.6.	Subject:
Detail:	

By the duly authorised representatives signing this agreement, the Employer and the Tenderer agree to and accept the foregoing schedule of deviations as the only deviations from and amendments to the documents listed in the tender data and addenda thereto as listed in the tender schedules, as well as any confirmation, clarification or changes to the terms of the offer agreed by the Tenderer and the Employer during this process of offer and acceptance.

It is expressly agreed that no other matter whether in writing, oral communication or implied during the period between the issue of the tender documents and the receipt by the Tenderer of a completed signed copy of this Agreement shall have any meaning or effect in the contract between the parties arising from this agreement.



# PA-09 (GS): LIST OF RETURNABLE DOCUMENTS

Project title:	SUPPLY AND DELIVERY PERIOD OF 36 MONTHS		MATERIALS	AND TOOLS FOR
Project Leader:	Sibusiso Thala	Bid / Quote no:	PT23	-018

# THE BIDDER MUST COMPLETE THE FOLLOWING RETUNABLE DOCUMENTS:

(Bidders may use the "Returnable document" column to confirm documents have been completed and returned by inserting a tick)

Bid Document Name:		Number of Pages:	Returnable document:
DPW-07 FM		Pages	
PA-04		Pages	
PA-09 is it fully completed with all th	e forms listed	Pages	
DPW-09 particulars of tenderer's pro	pjects	Pages	
PA-10		Pages	
PA-15.1		Pages	
PA-15.2		Pages	
PA-15.3		Pages	
PA-11		Pages	
PA-16		Pages	
PA-29		Pages	
PA-40		Pages	
BILL OF QUANTITY		Pages	
PA-32		Pages	
			•
Name of Bidder	Signature		Date

BID NO: PT-23-018



# **FUNCTIONALITY EVALUATION CRITERIA**

N/A





# **TERMS OF REFERENCE/ SPECIFICATIONS**

Bid no: PT-23-018

Bid/ Project Description: SUPPLY AND DELIVERY OF ELECTRICAL MATERIALS AND TOOLS FOR PERIOD OF 36 MONTHS

Paste Specifications or Terms of Reference here





# **PRICING SCHEDULE**

Bid no: PT-23-018

Bid/ Project Description: SUPPLY AND DELIVERY OF ELECTRICAL MATERIALS AND TOOLS FOR PERIOD OF 36 MONTHS

Paste Pricing Schedule here



# DEPARTMENT OF PUBLIC WORKS REPUBLIC OF SOUTH AFRICA Electrical Material

DISTRIBUTION BOARD         12 Months         Price         12 Months         Price         12 Months         <		oths Price	12 Months	Toto F
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			1	
flush type	Т			
flush type				
flush type				
		-		
		-		
Neutral Bar mounting kit				
Clip on Neutral Bar				
Mini Rail 1				
Distribution board Blanks 1 – way white				
Distribution board Blanks 1 – way black				
Distribution board Blanks 2 – way white				
Distribution board Blanks 2 – way black				
Total R R R	~	~	R	R
Page 1 3 year periot Total	3 year peric	ot Total	~	

bus bar Lopper 1.3mm	-				
Samite Clips					
DB Board Labels Warning					
DB Board Labels ELU					
DB Board Labels Main switch					
DB Board Labels Plug					
DB Board Labels Stove	4 ←				
DB Board Labels Geyser					
DB Board Labels Geyser isolator					
DB Board Labels Lights					
DB Board Labels Bell					
DB Board Labels Pool Pump					
DB Board Labels Swimming Pool					
DB Board Labels Auxiliary	-				
DB Board Labels Distribution board No:					
DB Board Labels Contactor No:	1 -				
DB Board Labels Sub Dist. Board	-				
DB Board Labels Welding Plug No:					
DB Board Labels Machine No:					
DB Board Labels Kiosk No:	-				
DB Board Labels Time Switch					
DB Board Labels U.P.S.	1				
DB Board Labels Tennis Court					
DB Board Labels Spare					
DB Board Labels Fire Pump	-				
DB Board Labels Computer	1				
DB Board Labels Air conditioner	1				
DB Board Labels Fan	1				
DB Board Labels Pump	Į.				
DB Board Labels Jacuzzi	1				
DB Board Labels Shaver Plug	F				
DB Board Labels Gate Motor	1				
DB Board Labels Out Building	i				
DB Board Labels DB1					
DB Board Labels DB2	1				
	1				
	Total R R	~	ж Ж	2	2

3 year periot Total

Circuit Breakers 10A SP&N 3kA MCB			
Circuit Breakers 15A SP&N 3kA MCB	-		
Circuit Breakers 20A SP&N 3kA MCB	-		
Circuit Breakers 25A SP&N 3kA MCB	1		
Circuit Breakers 30A SP&N 3kA MCB			
Circuit Breakers 35A SP&N 3kA MCB	1		
Circuit Breakers 40A SP&N 3kA MCB			
Circuit Breakers 45A SP&N 3KA MCB			
Circuit Breakers 50A SP&N 3kA MCB	1		
Circuit Breakers 63A SP&N 3kA MCB	1		
Single Pole Isolators 25A 3kA MCB			
Single Pole Isolators 40A 3kA MCB			
Single Pole Isolators 63A 3kA MCB			
Double Pole Isolators 25A 3kA MCB			
Double Pole Isolators 40A 3kA MCB			
Double Pole Isolators 63A 3kA MCB			
Triple Pole Isolators 25A 3kA MCB			
Triple Pole Isolators 40A 3kA MCB			
Triple Pole Isolators 63A 3kA MCB	1		
Four Pole Isolators 25A 3kA MCB	1		
Four Pole Isolators 40A 3kA MCB	1		
Four Pole Isolators 63A 3kA MCB			
25A Earth Leakage Unit 2pole (isolator type)	-		
40A Earth Leakage Unit 2pole (isolator type)			
63A Earth Leakage Unit 2pole (isolator type)	1		
25A Earth Leakage Unit 4pole (isolator type)			
40A Earth Leakage Unit 4pole (isolator type)	1		
63A Earth Leakage Unit 4pole (isolator type)			
25A Earth Leakage Unit 2pole (overload type)			
32A Earth Leakage Unit 2pole (overload type)	1		
63A Earth Leakage Unit 2pole (overload type)			
25A Earth Leakage Unit 4pole (overload type)			
40A Earth Leakage Unit 4pole (overload type)	1		
63A Earth Leakage Unit 4pole (overload type)	1		
Circuit Breakers 1A single phase 3kA MCB	1		
	1 R R	R R	R
		3 year periot Total	~

Circuit Breakers 2A single phase 3kA MCB

Circuit Breakers 5A single phase 3kA MCB	-				-	-			Γ
Circuit Breakers 10A single phase 3k4 MCB				-	-				T
Circuit Breakers 15A single phase 3kA MCB									T
Circuit Breakers 20A single phase 3kA MCB									T
Circuit Breakers 25A single phase 3kA MCB	-								1
Circuit Breakers 30A single phase 3kA MCB				<u> </u>	-				-
Circuit Breakers 35A single phase 3kA MCB									1
Circuit Breakers 40A single phase 3kA MCB	-								-1
Circuit Breakers 45A single phase 3kA MCB	-				-				Т
Circuit Breakers 50A single phase 3kA MCB	-			-	-				1
Circuit Breakers 63A single phase 3kA MCB				-					
Circuit Breakers 80A single phase 3kA MCB				-	-				-
Circuit Breakers 1A single phase 5kA MCB	-			-					T
Circuit Breakers 2A single phase 5kA MCB	-								1
Circuit Breakers 5A single phase 5kA MCB									1
Circuit Breakers 10A single phase 5kA MCB					<u> </u>				1
Circuit Breakers 15A single phase 5kA MCB	-				-				-
Circuit Breakers 20A single phase 5kA MCB	-			-					-
Circuit Breakers 25A single phase 5kA MCB	-								-
Circuit Breakers 30A single phase 5kA MCB	-			-					
Circuit Breakers 35A single phase 5kA MCB	-					-			1
Circuit Breakers 40A single phase 5kA MCB	П			-					-
Circuit Breakers 45A single phase 5kA MCB	H								-
Circuit Breakers 50A single phase 5kA MCB	-4								í.
Circuit Breakers 63A single phase 5kA MCB	1								_
Circuit Breakers 80A single phase 5kA MCB	1		L						_
Circuit Breakers 10A three phase 3kA MCB	1								1
Circuit Breakers 15A three phase 3kA MCB	1			L					_
Circuit Breakers 20A three phase 3kA MCB									_
Circuit Breakers 25A three phase 3kA MCB	1								_
Circuit Breakers 30A three phase 3kA MCB	-								1
Circuit Breakers 35A three phase 3kA MCB	11								1
Circuit Breakers 40A Three phase 3kA MCB	П								_
Circuit Breakers 45A Three phase 3kA MCB									_
Circuit Breakers 50A Three phase 3kA MCB									_
	-	~	~	~	~	~	2	2	_
1 .					3 year periot Tota	t Total	~		_
-									i
Circuit Breakers 634 Three phase 344 MCR	,				-				-
Circuit arcuite. Our Title prilate of March	4								
Lurcuit breakers 80A Three phase 3KA MCB	-								_

	Circuit Breakers 5A three nhase 5kA MCR			
L	Circuit Broakers 10A Hrae shace ClA MCB	1		
	Circuit Disables 4 Mars 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1		
_	Lircuit Breakers 1.54 three phase 5k4 MCB			
	Circuit Breakers 20A three phase 5kA MCB			
	Circuit Breakers 25A three phase 5kA MCB			
	Circuit Breakers 30A three phase 5kA MCB			
	Circuit Breakers 35A three phase 5kA MCB	, , ,		
	Circuit Breakers 40A Three phase 5kA MCB			
	Circuit Breakers 45A Three phase 5kA MCB			
	Circuit Breakers 50A Three phase 5KA MCB			
	Circuit Breakers 63A Three phase 5kA MCB			
	Circuit Breakers 80A Three phase 5kA MCB	1		
	Circuit Breakers 10A Double Pole 3kA MCB	1 +-		
	Circuit Breakers 15A Double Pole 3kA MCB	1 -		
	Circuit Breakers 20A Double Pole 3kA MCB			
	Circuit Breakers 25A Double Pole 3kA MCB	1 -		
	Circuit Breakers 30A Double Pole 3kA MCB			
	Circuit Breakers 35A Double Pole 3kA MCB	-		
	Circuit Breakers 40A Double Pole 3kA MCB	4 +		
	Circuit Breakers 45A Double Pole 3kA MCB	1 -		
	Circuit Breakers 50A Double Pole 3kA MCB	-1 -		
	Circuit Breakers 63A Double Pole 3kA MCB			
	Circuit Breakers 80A Double Pole 3kA MCB	1 -		
	Circuit Breakers 10A Four Pole 3kA MCB			
	Circuit Breakers 15A Four Pole 3kA MCB			
	Circuit Breakers 20A Four Pole 3kA MCB			
	Circuit Breakers 25A Four Pole 3k4 MCB			
	Circuit Breakers 30A Four Pole 3kA MCB			
	Circuit Breakers 35A Four Pole 3kA MCB	-		
	Circuit Breakers 40A Four Pole 3kA MCB	1		
	Circuit Breakers 45A Four Pole 3kA MCB	1		
	Circuit Breakers 50A Four Pole 3kA MCB			
	Circuit Breakers 63A Four Pole 3kA MCB	-		
	Circuit Breakers 80A Four Pole 3kA MCB	1		
		Total R R R	R	R
	Page 5		-	

PVC CONDUIT & ACCESSORIES	
PVC Conduit 20mm2	
PVC Conduit 25mm2	

PVC 1way back entry loop in Box 20mm2	-		
DNC Turach shakes and as a Box of summan			
r v Z zway back end y roop in Box zonninz	1		
DVC 3way hark anthy loop in Doy 20mm2	ŀ		
I VE SWAY DACK STUY TOOP III DOX ZUTITIZE	1		
DAY Assess because leave in the Second	İ		
FVC Hway back enuly loop in box 20mm2			

bin ming bin	PVC 1 way conduit Box 20mm2				
1	PVC 2 way conduit Box 20mm2	7 -		1	
1	PVC 3 way conduit Box 20mm2				
1	PVC 4 way conduit Box 20mm2	4			
1	PVC Angled conduit Box 20mm2				
1	PVC U conduit Box 20mm2			-	
1	PVC Y conduit Box 20mm2			1	
1	PVC 1 way conduit Box 25mm2	1 1		1	
1	PVC 2 way conduit Box 25mm2				
1	PVC 3 way conduit Box 25mm2	1		+	
1	PVC 4 way conduit Box 25mm2			-	
1	PVC Angle conduit Box 25mm2			+	
1	Bosal pipe 20 mm2			1	
2  p in	Bosal 900 Bends 20 mm2			+	
1	Bosal Elbows 20 mm2			+	
2  1  1  1  1  1  1  1  1  1  1  1  1  1	Bosal Inspection T's 20 mm2			1	
2 pin	Bosal Inspection Bends 20 mm2				
p in     1     1     1     1       nm2     1     1     1     1       nmm2     1     1     1     1       1     1     1     1     1       1     1     1     1     1       1     1     1     1     1       1     1     1     1     1       1     1     1     1     1       1     1     1     1     1       1     1     1     1     1     1       1	Bosal Inspection Elbows 20 mm2				
p in mn2  D mm2  D mm2  D mm2  D mm3  D mm4  D mm5  D mm5  D mm6  D mm7   Bosal Nipples 20 mm2			-		
1   1   1   1   1   1   1   1   1   1	Bosal Round Boxes 20 mm2				
1	Bosal Round Boxes 20 mm2 Loop in				
1	Bosal Male Thread Adaptor 20 mm2				
1	Bosal Female Thread Adaptor 20 mm2				
1	Bosal Couplings 20 mm2				
1 1	Bosal Female Dome Steel Lid			-	
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Bosal Overlapping Lid	=1			
2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Bosal pipe 25 mm2			-	
2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Bosal 900 Bends 25 mm2				
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Bosal Elbows 25 mm2				
1	Bosal Inspection T's 25 mm2			-	
1	Bosal Inspection Bends 25 mm2	7			
Total R R R R R R R R R R R R R R R R R R R	Bosal Inspection Elbows 25 mm2	1			
3 vear periot Total R		_		æ	CX.
	Page 7		m	2	

Bosal Male Thread Adaptor 25 mm2         1         Adaptor 25 mm2	Bosal Round Boxes 25 mm2		
Bosal Female Thread Adaptor 25 mm2         1         Posal Couplings 25 mm2         1         Posal Complement of the policy	Bosal Male Thread Adaptor 25 mm2		
Bosal Couplings 25 mm2  Bosal Female Dome Steel Lid	Bosal Female Thread Adaptor 25 mm2		
Bosal Female Dome Steel Lid	Bosal Couplings 25 mm2		
	Bosal Female Dome Steel Lid	· -	

Bosal 1way Round Boxes 20 mm2					T
Bosal 2way Round Boxes 20 mm2	7 -				
Bosal 3way Round Boxes 20 mm2	1				
Bosal 4way Round Boxes 20 mm2	4				
Bosal Angle conduit Boxes 20 mm2					
Bosal Round Box Lid 20 mm2	4				
Rubber Seal					
Bosal 1way Round Boxes 25 mm2					
Bosal 2way Round Boxes 25 mm2	, , , , ,				
Bosal 3way Round Boxes 25 mm2	-				
Bosal 4way Round Boxes 25 mm2					
Bosal Angle conduit Boxes 25 mm2					
Bosal Round Box Lid 25 mm2					
Threaded rods 6mm					
Threaded rods 8mm	-				
Threaded rods 10mm	1				
Threaded rods 12mm					
Open Channel 41 X 21					
Open Channel 41 X 41	-				
Slotted Channel 41 X 21	4				
Slotted Channel 41 X 41	1				
M8 X 25mm Bolt					
M8 Spring Nuts					
WIRE AND CABLING 100 meters					
Cabtyre 1.0 mm2 2core + E					T
Cabtyre 1.0 mm2 3core + E					T
Cabtyre 1.5 mm2 2core + E					
Cabtyre 1.5 mm2 3core + E					
Cabtyre 1.5 mm2 4core + E	1				
Cabtyre 1.5 mm2 6core + E					
	Total R	R R	R	8	
0 0					

Cabtyre 2.5 mm2 2core + E	
Cabtyre 2.5 mm2 3core + E	
Cabtyre 2.5 mm2 4core + E	
Cabtyre 2.5 mm2 6core + E	
Silicone cabtyre 1.5 mm2 2core + E	
Silicone cabtyre 1.5 mm2 3core + E	

Sincolic capable 1.3 IIIII2 TOILE T L	Silicone cabtyre 2.5 mm2 2core + E	Silicone cabtyre 2.5 mm2 3core + E	Silicone cabtyre 2.5 mm2 4core + E	Trailing cable 2.5 X 4 core	Trailing cable 4 X 4 core	Trailing cable 6 X 4 core	Trailing cable 10 X 4 core	House Wire PVC red 1 mm2	House Wire PVC black 1 mm2	House Wire PVC green 1 mm2	House Wire PVC yellow 1 mm2	House Wire PVC red 1.5 mm2	House Wire PVC black 1.5 mm2	House Wire PVC green 1.5 mm2	House Wire PVC yellow 1.5 mm2	House Wire PVC red 2.5 mm2	House Wire PVC black 2.5 mm2	House Wire PVC green 2.5 mm2	House Wire PVC red 4 mm2	House Wire PVC black 4 mm2	House Wire PVC green 4 mm2	House Wire PVC red 6 mm2	House Wire PVC black 6 mm2	House Wire PVC green 6 mm2	House Wire PVC red 10 mm2	House Miles Did black to	nouse wire PVC plack to mmz	House Wire PVC green 10 mm2	House Wire PVC green 10 mmz House Wire PVC green 10 mmz House Wire PVC red 16 mmz	House Wire PVC green 10 mm2 House Wire PVC red 16 mm2 House Wire PVC black 16 mm2

House Wire PVC green 16 mm2	1	
Trench Earth 1.5 mm2		
Trench Earth 2.5 mm2		
Trench Earth 4 mm2		
Trench Earth 6 mm2		
Trench Earth 10 mm2	1	
Trench Earth 16 mm2		

2 core + E flat 2 core + E flat 3 core + E flat 5 core + E flat 6 core + E flat 7 core + E 8 core + E 9 core + E 1 core + E 2 core + E 3 core + E 4 core + E 4 core + E 5 core + E 5 core + E 6 core + E 7 core + E 7 core + E 8 core + E 8 core + E 9 core +	Trench Earth 25 mm2	T						
1	Twin & Earth 1 mm2 2 core + E flat		+	-				
mm2 core + E flat         1         6         7	Twin & Earth 1.5 mm2 2 core + E flat	4 -						
mm2 2 core + E flat     1     1     1       mm2 2 core + E flat     1     1     1       mm2 2 core + E     1     1     1       mm2 2 core + E     1     1     1       mm2 2 core + E     1     1     1       mm2 3 core + E     1     1     1       mm2 4 core + E     1     1     1     1       mm2 4 core + E     1     1     1     1       mm2 5 core + E     1     1     1     1       mm2 6 core + E     1     1     1     1       mm2 7 core + E     1     1     1     1       mm2 7 co	Twin & Earth 2.5 mm2 2 core + E flat	·						
Time 2 core + E flat  12 22 22 23 24 25 25 25 25 25 26 26 27 28 29 29 20 20 20 20 20 20 20 20 20 20 20 20 20	Twin & Earth 4 mm2 2 core + E flat	4 ,-		-				
1	Twin & Earth 6 mm2 2 core + E flat	4 -						
2 mm 2 core + E	Rip cord 0.75mm2							
2 mm2 2 core + E mm2 2 core + E mm2 2 core + E mm2 3 core + E mm2 3 core + E mm2 4 core + E mm2	Rip cord 1mm2	4 ==						
mm2 2 core + E     1     1     1       mm2 2 core + E     1     1     1       mn2 2 core + E     1     1     1       mn2 3 core + E     1     1     1       mn2 3 core + E     1     1     1       mn2 3 core + E     1     1     1       mn2 4 core + E     1     1     1       n2 4 core + E     1     1     1       n2 5     1     1     1       n2 6     1     1     1       n2 7     1     1     1       n2 8     1     1     1       n2 6     1     1     1       n2 7     1     1     1       n2 8     1     1     1       n2 9     1     1     1       n2 9     1     1     1       n2 1     1     1     1       n3 1     1     1	Rip cord 1.5mm2	-						
mn2 2 core + E       m2 2 core + E       m2 2 core + E       mn2 3 core + E       mm2 3 core + E       mm2 3 core + E       mm2 4 core + E       1       2       3       3       4       5       6       6       7       1       1       1       1       1       1       1       1       1       2       3       4	Surfix cable 1.5 mm2 2 core + E	-						
m2 Coce + E m2 Socie + E m3 Socie + E m4 Socie + E m3 Socie + E m4 Socie + E m4 Socie + E m3 Socie + E m4 Socie + E m4 Socie + E m5 Socie + E m5 Socie + E m6 Socie + E m6 Socie + E m6 Socie + E m7 Socie + E m8 Socie + E m8 Socie + E m8 Socie + E m9 Soc	Surfix cable 2.5 mm2 2 core + E							
mm2 3 core + E     1     6     6     6       mm2 3 core + E     1     6     6     6       mm2 3 core + E     1     7     6     6     6       mm2 4 core + E     1     1     6     6     6     6     6       mm2 4 core + E     1     1     6 <td< td=""><td>Surfix cable 4 mm2 2 core + E</td><td>1</td><td></td><td>-</td><td></td><td></td><td></td><td></td></td<>	Surfix cable 4 mm2 2 core + E	1		-				
mm2 3 core + E     1     1     1     1     1       mm2 3 core + E     1     1     1     1     1       mm2 4 core + E     1     1     1     1     1       mm2 4 core + E     1     1     1     1     1       2     1     1     1     1     1       1.2     1     1     1     1     1       1.2     1     1     1     1     1       1.2     1     1     1     1     1       1.2     1     1     1     1     1     1       1.2     1     1     1     1     1     1     1     1       1.2     1	Surfix cable 6 mm2 2 core + E	1 +-						
mm2 3 core + E       mm2 4 core + E       1       1       2       1.2       1.2       1.2       1.2       1.2       1.2       1.2       1.2       1.2       1.2       1.2       1.2       1.2       1.2       1.2       1.3       1.4       1.5       1.6       1.7       1.8       1.9       1.1       1.2       1.3       1.4       1.7       1.8       1.9       1.1       1.2       1.3       1.4       1.5       1.6       1.7       1.8       1.9       1.1       1.2       1.3       1.4       1.5       1.6       1.7       1.8       1.1       1.2       1.3       1.4       1.5       1.6       1.7	Surfix cable 1.5 mm2 3 core + E	1 -						
mn2 3 core + E       mm2 4 core + E       mm2 4 core + E       mn2 4 core + E       mn2 4 core + E       1     1     0     0     0       2       12     1     0     0     0       12     1     0     0     0     0       12     1     0     0     0     0       12     1     0     0     0     0       12     1     0     0     0     0       12     1     0     0     0     0       12     1     0     0     0     0       12     1     0     0     0     0       12     1     0     0     0     0       12     1     0     0     0     0       12     1     0     0     0     0       12     0     0     0     0     0     0       12     0     0     0     0     0     0     0       12     0     0     0     0     0     0     0     0       12     0     0     0     0     0     0     0     0 <td< td=""><td>Surfix cable 2.5 mm2 3 core + E</td><td>1</td><td></td><td></td><td></td><td></td><td></td><td></td></td<>	Surfix cable 2.5 mm2 3 core + E	1						
mm2 4 core + E       1       2       2       13       14       15       16       17       18       19       10       11       12       12       13       14       15       16       17       18       19       10       11       12       12       13       14       15       16       17       18       19       10       11       12       12       13       14       15       16       17	Surfix cable 4 mm2 3 core + E	-	1					
mm2 4 core + E       mm2 4 core + E       1       1       12       13       14       15       16       17       18       19       10       11       12       12       13       14       15       16       17       18       10       11       12       13       14       15       16       17       18       10       11       12       12       12       13       14       15       16       17       18       18       10	Surfix cable 1.5 mm2 4 core + E	1						
m2 4 core + E  2  1  1  1  1  1  1  1  1  1  1  1  1	Surfix cable 2.5 mm2 4 core + E	-						
2.	Surfix cable 4 mm2 4 core + E	+ -						
12	Lugs 1.5 X 4mm2	4 +-						
12	Lugs 1.5 X 5 mm2	4 -						
12	Lugs 1.5 X 6 mm2	-	-					
12	Lugs 2,5 X 4 mm2	-						
12	Lugs 2.5 X 5 mm2	4						
1	Lugs 2.5 X 6 mm2							
1	Lugs 2,5 X 8 mm2							
1	Lugs 2.5 X 10 mm2	-						
1	Lugs 4 X 4 mm2							
Total R R R R R R R R R	Lugs 4 X 5 mm2	1						
3 year periot Total R		$\overline{}$	~	~	<u>۳</u>	2	~	~
	Page 10			m	vear periot T	otal	_~	

Lugs 4 X 8 mm2		
Lugs 4 X 10 mm2		
Lugs 6 X 4 mm2		
Lugs 6 X 5 mm2		
Lugs 6 X 6 mm2	-	
Lugs 6 X 8 mm2	1	
Lugs 6 X 10 mm2		
Lugs 10 X 5 mm2	· -	

Lugs 10 X 6 mm2	+	-				-		ſ
Lugs 10 X 8 mm2			1	+				Т
Lugs 10 X 10 mm2	4 -	-	-		-			Т
Lugs 10 X 12 mm2	-	-	l		-			T
Lugs 16 X 5 mm2	1 -	-			1			T
Lugs 16 X 6 mm2	-	<u> </u>						T
Lugs 16 X 8 mm2								Т
Lugs 16 X 10 mm2		L		1				Т
Lugs 16 X 12 mm2	1							Т
Lugs 16 X 16 mm2								T
Lugs 25 X 6 mm2			-					Т
Lugs 25 X 8 mm2	-		-					Т
Lugs 25 X 10 mm2								7
Lugs 25 X 12 mm2	1 +	<u> </u>						1
Lugs Ring 1,5 mm2 X4mm (RED)				-				1
Lugs Ring 1.5 mm2 X5mm (RED)	1			1	-			Т
Lugs Ring 1.5 mm2 X6mm (RED)	1-1				-	-		T
Lugs Ring 1,5 mm2 X8mm (RED)	-				-			T
Lugs Ring 2.5 mm2 X4mm (Blue)	-				-			Т
Lugs Ring 2.5 mm2 X5mm(Blue)	1							Т
Lugs Ring 2.5 mm2 X6mm(Blue)	Ħ	_						T
Lugs Ring 2.5 mm2 X8mm(Blue)			L					T
Lugs Ring 4 mm2 X4mm (Yellow)	T							T
Lugs Ring 4 mm2 X5mm (Yellow)	H				-			T
Lugs Ring 4 mm2 X6mm (Yellow)	-							T
Lugs Ring 4 mm2 X8mm (Yellow)			_					Т
Lugs Ring 4 mm2 X10mm (Yellow)	1			L				Т
Lugs Spade 1.5 mm2 X 4mm fork (RED)	1							Т
	Total R	~	~	æ	~	~	ex.	T
Page 1.1				3 year periot Total	ot Total	~		Т

Lugs Spade 1.5 mm2 X 5mm fork (RED)	
Lugs Spade 1.5 mm2 X 6mm fork (RED)	
Lugs Spade 2.5 mm2 X 4mm fork (Blue)	
Lugs Spade 2.5 mm2 X 5mm fork (Blue)	
Lugs Spade 2.5 mm2 X 6mm fork (Blue)	
Lugs Spade 4 mm2 X 4mm fork (Yellow)	
Lugs Spade 4 mm2 X 5mm fork (Yellow)	
Lugs Spade 4 mm2 X 6mm fork (Yellow)	
Lugs Pin 10 mm2 X 10mm (RED)	

Lugs Pin 2.5 mm2 X 10mm (Blue)	-						
Lugs Pin 4 mm2 X 10mm (Yellow)							
Lugs Butt (ferrule) 1.5 mm2 (RED)							
Lugs Butt (ferrule) 2.5 mm2 (Blue)	-						
Lugs Butt(ferrule) 4 mm2 (Yellow)							
Lugs Flat Blade 1.5 mm2 X 10mm (RED)	-						
Lugs Flat Blade 2.5 mm2 X 10mm (Blue)	1						
Lugs Flat Blade 4 mm2 X 10mm (Yellow)							
Lugs Disconnect Male 1.5 mm2 6.3mm X 0.8mm (RED)							
Lugs Disconnect Male 2.5 mm2 6.3mm X 0.8mm (Blue)	-	-					
Lugs Disconnect Male 4 mm2 6.3mm X 0.8mm (Yellow)	-						
Lugs Disconnect Female 1.5 mm2 6.3mm (RED)							
Lugs Disconnect Female 2.5 mm2 6.3mm (Blue)	1 7-1						
Lugs Disconnect Female 4 mm2 6.3mm (Yellow)	H						
Lugs Piggy Back 1.5 mm2 (RED)							
Lugs Piggy Back 2.5 mm2 (Blue)							
Lugs Piggy Back 4 mm2 (Yellow)							
Lugs Fully Insulated Disconnect Male 1.5 mm2 (RED)	-						
Lugs Fully Insulated Disconnect Male 2.5 mm2 (Blue)							
Lugs Fully Insulated Disconnect Male 4 mm2 (Yellow)	-						
Lugs Fully Insulated Disconnect Female 1.5 mm2 (RED)							
Lugs Fully Insulated Disconnect Female 2.5 mm2 (Blue)	1						
Lugs Fully Insulated Disconnect Female 4 mm2 (Yellow)	-						
Ferrules 2.5 mm2	-						
Ferrules 4 mm2	T T						
Ferrules 6 mm2	-						
Ferrules 10 mm2	-						
	Total R	~	~	~	<u>α</u>	w	CC
Page 12			m	75	Total	: 0	
			1		1000	4	

Ferrules 16 mm2	
Ferrules 25 mm2	
Strip Connector Blocks 6A black 12 way	
Strip Connector Blocks 10A black 12 way	
Strip Connector Blocks 10A white12 way	
Strip Connector Blocks 16A black 12 way	
Strip Connector Blocks 16A white12 way	
Strip Connector Blocks 20A black 12 way	
Strip Connector Blocks 30A black 12 way	
Strip Connector Blocks 60A black 12 way	

Strip Connector Blocks 17,5A white12 way		L	_	-		-		
Strip Connector Blocks 24 white12 way	-							Т
Strip Connector Blocks 32A white12 way	-			-				T
Strip Connector Blocks 41A white12 way	-			-				Т
Porcelain Connectors 6A 1 way	1							Т
Porcelain Connectors 11A 1 way	1							$\neg$
Porcelain Connectors 15A 1 way	-		-					T
Porcelain Connectors 30A 1 way	-		-					T
Porcelain Connectors 6A 2 way	+							Т
Porcelain Connectors 10A 2 way	F							Т
Porcelain Connectors 15A 2 way								T
Porcelain Connectors 30A 2 way								Т
Porcelain Connectors 6A 3 way	-			-				Т
Porcelain Connectors 10A 3 way	-	-						Т
Porcelain Connectors 15A 3 way		-						Т
Porcelain Connectors 30A 3 way			-					T
Scotch Cast Joints 82A1	-							T
Scotch Cast Joints 82A2	-							T
Scotch Cast Joints 82A3	-							T
Cable Clips 5 mm2 Flat white	-							Т
Cable Clips 8.5 mm2 Flat white t	-			-				Т
Cable Clips 10.5 mm2 Flat white								7
Cable Clips 12.5 mm2 Flat white	-				-			T
Cable Clips 14.5 mm2 Flat white	1							T
Cable Clips 5 mm2 Round white	1							Т
Cable Clips 5 mm2 Round black								Т
	Total R	~	~	~	~	~	8	T
Page 13			m	vear periot Total	Total	~		Т
·				1000	i Cordi	1		

Cable Clips 6 mm2 Round white	
Cable Clips 7 mm2 Round white	
Cable Clips 8 mm2 Round white	
Cable Clips 8 mm2 Round black	
Cable Clips 8.5 mm2 Round white	
Cable Clips 8.5 mm2 Round black	
Cable Clips 9 mm2 Round white	
Cable Clips 9 mm2 Round black	
Cable Clips 10 mm2 Round white	
Cable Clips 10 mm2 Round black	
Cable Clips 10,5 mm2 Round white	

Cable Clips 10.5 mm2 Round black	+		-			
Cable Clips 11 mm2 Round white						
Cable Clips 11 mm2 Round black	-					
Cable Clips 12 mm2 Round white	-					
Cable Clips 12 mm2 Round black						
Cable Clips 14 mm2 Round white						
Cable Clips 20 mm2 Round white	-					
Cable Clips 22 mm2 Round white						
Cable Clips 5 mm2 Round white						
Cable Clips 5 mm2 Round black	-					
Cable Clips 6 mm2 Round white	-					
Cable Clips 7 mm2 Round white						
Cable Clips 8 mm2 Round white						
Cable Clips 8 mm2 Round black						
Cable Clips 8.5 mm2 Round white						
Cable Clips 8.5 mm2 Round black		-				
Cable Clips 9 mm2 Round white		I				
Cable Clips 9 mm2 Round black						
Cable Clips 10 mm2 Round white						
Cable Clips 10 mm2 Round black						
Cable Clips 10.5 mm2 Round white	7-4					
Cable Clips 10.5 mm2 Round black						
Cable Clips 11 mm2 Round white						
Cable Clips 11 mm2 Round black						
Cable Clips 12 mm2 Round white						
	Total R	~	~	2	N.	R
Page 14			m	3 year periot Total	2	

Cable Clips 12 mm2 Round black	
Cable Clips 14 mm2 Round white	
Cable Clips 20 mm2 Round white	
Cable Clips 22 mm2 Round white	
Fisher plugs 6mm2	
Nail Inns 5 X 45mm2	
Nail Inns 6 X 55mm2	
Nail Inns 6 X 70mm2	
Nail Inns 8 X 80mm2	
Nail Inns 8 X 100mm2	
Nail Inns 8 X 120mm2	
Compression Glands No. 00 white/black	

																								R R R
	4 1-	-	-	-				4					1							F	-		1	Total R
Compression Glands No. 0 white/black	Compression Glands No. 1 white/black	Compression Glands No. 2 white/black	Compression Glands No. 3 white/black	PVC Spacer Saddles 20mm2	PVC Spacer Saddles 25mm2	PVC Saddles 20mm2	PVC Saddles 25mm2	PVC Saddles 32mm2	Galvanized Spacer Saddles 16mm2	Galvanized Spacer Saddles 20mm2	Galvanized Spacer Saddles 25mm2	Galvanized Spacer Saddles 32mm2	Galvanized Spacer Saddles 40mm2	Galvanized Spacer Saddles 50mm2	Galvanized Half Saddles 16mm2	Galvanized Half Saddles 20mm2	Galvanized Half Saddles 25mm2	Galvanized Half Saddles 32mm2	Galvanized Half Saddles 40mm2	Galvanized Half Saddles 50mm2	Galvanized Saddles 16mm2	Galvanized Saddles 20mm2	Galvanized Saddles 25mm2	

Galvanized Saddles 32mm2	
Galvanized Saddles 40mm2	
Galvanized Saddles 50mm2	
Conduit Clamp 20 mm2	
Conduit Clamp 25 mm2	
Female Adaptors double bush 20 mm2	
Female Adaptors double bush 25 mm2	
Female Adaptors double bush 32 mm2	
Cable Ties 2.5 X 104mm	
Cable Ties 2.5 X 140mm	
Cable Ties 3.5 X 150mm	
Cable Ties 3.6 X 200mm	
Cable Ties 4.7 X 205mm	

Cable Ties 4.7 x 395mm         Cable Ties 4.7 x 395mm         Cable Ties 7.8 x 280mm         Cable Ties 2.8 x 280mm<	Cable Ties 4.7 X 305mm			
Inthe Teach Duty Heavy	Cable Ties 4.7 X 395mm			
In the any Duky leavy Duky leavy Duky leavy Duky Heavy Duty Heavy	Cable Ties 7.8 X 280mm			
eavy Dufy Heavy Dufy H	Cable Ties 7.8 X 395mm			
Heavy Duty leavy Duty leavy Duty Heavy Duty	Insulation Tape red Heavy Duty			
leavy Duty  Heavy Duty  Heavy Duty  Heavy Duty  Heavy Duty  Heavy Duty  In shrunk  In sh	Insulation Tape white Heavy Duty	4 -		
v Heavy Duty         1         6         6         6         6         7         7         8         9 <t< td=""><td>Insulation Tape blue Heavy Duty</td><td></td><td></td><td></td></t<>	Insulation Tape blue Heavy Duty			
Heavy Duty Heavy Duty Heavy Duty Heavy Duty In shrunk In	Insulation Tape yellow Heavy Duty			
Heavy Duty n shrunk n shrunk n shrunk un shrun	Insulation Tape black Heavy Duty			
n shrunk n shrunk un shrun	Insulation Tape green Heavy Duty	-		
In shrunk In shrunk un shrunk un shrunk un shrunk un shrunk un shrunk un shrunk In shr	Heat Shrink 4.8 mm un shrunk			
n shrunk     1     6     6     6     7       un shrunk     1     1     6     6     6     6       un shrunk     1     1     6     6     6     6     6       un shrunk     1     1     6 </td <td>Heat Shrink 6.4 mm un shrunk</td> <td></td> <td></td> <td></td>	Heat Shrink 6.4 mm un shrunk			
un shrunk un sh	Heat Shrink 9.5 mm un shrunk			
un shrunk       un shrunk       un shrunk       un shrunk       un shrunk       un shrunk       1	Heat Shrink 12.7 mm un shrunk	11		
un shrunk     1     6     7     7       un shrunk     1     1     1     1     1       un shrunk     1     1     1     1     1       1     1     1     1     1     1       1     1     1     1     1     1     1       1	Heat Shrink 19.1 mm un shrunk			
un shrunk     1     1     1     1       un shrunk     1     1     1     1       1     1     1     1     1       1     1     1     1     1       1     1     1     1     1       1     1     1     1     1     1       1     1     1     1     1     1       1     1     1     1     1     1       1     1     1     1     1     1       1     1     1     1     1     1       1     1     1     1     1     1       1     1     1     1     1     1       1     1     1     1     1     1       1     1     1     1     1     1     1     1       1 </td <td>Heat Shrink 25.4 mm un shrunk</td> <td></td> <td></td> <td></td>	Heat Shrink 25.4 mm un shrunk			
un shrunk     1     1     1     1       1     1     1     1     1       1     1     1     1     1       1     1     1     1     1       Page 16     3 year periot Total     R	Heat Shrink 38.1 mm un shrunk			
1     1 <td>Heat Shrink 50.8 mm un shrunk</td> <td>1 4-1</td> <td></td> <td></td>	Heat Shrink 50.8 mm un shrunk	1 4-1		
1     1 <td>Empire sleeving 4mm</td> <td></td> <td></td> <td></td>	Empire sleeving 4mm			
1     1       1     1       1     1       1     R       R     R       Page 16     3 year periot Total	Empire sleeving 5mm			
1         2         2         2         2         2         2	Empire sleeving 6mm	,		
1         1         R	Empire sleeving 8mm	1		
Total R R R R R R R R R R R R	Empire sleeving 9mm			
3 year periot Total R		~	~	2
	Page 16		3 year periot Tot	

Drywall Screws 3.5 X 25mm	
Drywall Screws 4.5 X 45mm	
Drywall Screws 4.5 X 50mm	
Drywall Screws 4,5 X 60mm	
Drywall Screws 4.5 X 75mm	
Self-tapping screws 6 X 15mm	
Self-tapping screws 6 X 19mm	
Self-tapping screws 6 X 25mm	
Self-tapping screws 8 X 32mm	
Self-tapping screws 10 X 50mm	
Chip board screws 4 X 20	
Chip board screws 4 X 40	
Chip board screws 4 X 45	1
Chip board screws 5 X 40	

Chip board screws 5 X 45						
Rawl bolts 6mm	-					
Rawl bolts 8mm					1	
Rawl bolts 10mm	4 -					
Spring Toggle Galvanized 5mm X50mm	-					
Spring Toggle Galvanized 5mm X75mm	1 -					
Pop Rivets 3,2 X 12	4 7-					
Pop Rivets 4 X 15						
Pop Rivets 4 X 18						
Pop Rivets 4.8 X 15	-	I				
Pop Rivets 4.8 X 25	4					
Machine Screws M3 X 20 mm	4 +-					
Machine Screws M4 X 20 mm	{					
Machine Screws M5 X 20 mm						
Machine Screws M6 X 20 mm	-					
Machine Screws M4 X 25 mm	1 ,-					
Machine Screws M5 X 25 mm	1 -					
Machine Screws M6 X 25 mm	1				1	
Machine Screws M8 X 50 mm						
Machine Screws M10 X 50 mm	4 -					
Machine Screws M4 X 50 mm	4 -				1	
Machine Screws M5 X 50 mm	1				-	
	Total R	~	R	~		<u>~</u>
Page 17			3 year	3 year periot Total	~	

	Machine Screws M6 X 50 mm	
er	Machine Screws M8 X 50 mm	
-	Machine Screws M10 X 50 mm	4
_	Machine Screws M4 X 100 mm	4
-	Machine Screws M5 X 100 mm	
4	Machine Screws M6 X 100 mm	
_	Machine Screws M8 X 100 mm	
É	Machine Screws M10 X 100 mm	
É	Machine Screws Brass M3 X 20 mm	
_	Machine Screws Brass M4 X 20 mm	
_	Machine Screws Brass M5 X 20 mm	
2	Machine Screws Brass M6 X 20 mm	
2	Machine Screws Brass M8 X 20 mm	
2	Machine Screws Brass M10 X 20 mm	
2	Machine Screws Brass M3 X 25 mm	
		7

Machine Screws Brass M4 X 25 mm	-				
Machine Screws Brass M5 X 25 mm	1				
Machine Screws Brass M6 X 25 mm					
Machine Screws Brass M8 X 25 mm					
Machine Screws Brass M10 X 25 mm					
Washers Galvanized M3					
Washers Galvanized M4					
Washers Galvanized M5					
Washers Galvanized M6					
Washers Galvanized M8					
Washers Galvanized M10					
Washers Brass M3					
Washers Brass M4					
Washers Brass M5					
Washers Brass M6					
Washers Brass M8					
Washers Brass M10					
Nuts Galvanized M3					
Nuts Galvanized M4					
Nuts Galvanized M5	1 1				
Nuts Galvanized M6	-				
	Total R R	R	~	2	2
Page 18		3 year periot Total	t Total	W W	

Nuts Brass M8  Nuts Brass M10  Stove Switch 3 heat  Stove Switch 5 heat  Silicone wire 1.5 mm2  Silicone wire 4 mm2	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
Silicone wire 6 mm2	1	
Silicone wire 6mm2	T	
Stove Plate 6 inch Solid		

Chair Diate Calla				
ve riate o IIICI Solid	<del>,  </del>			
Stove Plate 6 inch Spiral				
Stove Plate 8 inch Spiral				
Door Rubber (stove universal)				
Pilot Lights (stove)			1	
Rocker Switches on/off no lamp white SPST			1	
Rocker Switches on/off no lamp black SPST				
Rocker Switches on/off illuminated white SPST			1	
Rocker Switches on/off illuminated black SPST				
Rocker Switches on/off no lamp black DPST			1	
Rocker Switches on/off illuminated black DPST				
Rocker Switches on/off / on illuminated black SPDT			1	
Rocker Switches on/off / no lamp black DPST				
PVC Sprague 20 mm2 X 50 m				
PVC Sprague 25 mm2 X 50 m	1			
Metal Sprague20 mm2 X 30 m	-			
Sprague ends 25 mm2 X 30 m				
Stove 20 mm2 stopper PVC				
Stove 20 mm2 stopper Steel			<u> </u>	
Stove 25 mm2 stopper PVC	1			
	Total R R	R R	~	R
Page 19		3 year periot Total	~	

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20mm2	Stove 25 mm2 stopper Steel	
	Reducer 25 mm2 to 20mm2	
	Interior 3 pin	
	Interior 4 pin	
	Inside Plate	
	Stove Plug Top 3 pin	
	Stove Plug Top 4 pin	
	Stove Base complete	
	Stove Rings 6 inch	
	Stove Rings 8 inch	
	Stove Cup 6 inch	
	Stove Cup 8 inch	
	Fuses ES (stove) 10A	
	Fuses ES (stove) 15A	
	Fuses ES (stove) 20A	
-	Fuses ES (stove) 25A	
	Fuses ES (stove) 30A	

	Fuses Glass 2A	-					
L	Fuses Glass 3A						
	Fuses Glass 3.5A	4 -					
	Fuses Glass 4A	1-					
	Fuses Glass 5A	1 -					
	Fuses Glass 6.3A	-	1				
	Fuses Glass 10A	-	-				
	Fuses Glass 13A	1					
	Fuses Glass 15A	-					
	Fuses Glass 20A	1 +					
	Fuses Glass 25A						
	Fuses Glass 30A						
	Fuses Ceramic 2A						
	Fuses Ceramic 3A						
	Fuses Ceramic 3,5A						
	Fuses Ceramic 4A						
	Fuses Ceramic 5A						
	Fuses Ceramic 6.3A						
	Fuses Ceramic 10A	==					
		Total R R	~	~	2		8
	Page 20			3 year periot Total	otal	~	
	Fuses Ceramic 13A	1	-				
	Fuses Ceramic 15A	1					
	Fuses Ceramic 20A	1					
	Fuses Ceramic 25A	1	-				
	Fuses Ceramic 30A	1					
	Stove oven light	1					
	Stove Element Bake	1					
	Stove Element Grill	1					
	Stove Element Warming Drawer	T,					
	Stove Oven Thermostat	1					
	Bay marine elements	<del>1</del>					
	Urn elements .	1					
	Geyser elements 1.5kW	1					
	Geyser elements 2kW	1					
	Geyser elements 3kW	1					
	Geyser elements 4kW	1					
	Geyser Thermostat VK2	H					
	Geyser Thermostat Kwi Kot	7					

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Geyser Thermostat (hard water)			-	
Bonding Strap 5 X 12 – 26m				
SWITCHES	1			
Switches 1L1Way plus plate Crabtree	·			
Switches 1L2Way plus plate Crabtree	-			
Switches 2L1Way plus plate Crabtree				
Switches 2L2Way plus plate Crabtree	4 4			
Switches 3L1Way plus plate Crabtree	1			
Switches 4L1Way plus plate Crabtree	-			
Switches 5L1Way plus plate Crabtree				
Switches 6L1Way plus plate Crabtree	4			
Switches Intermediate plus plate				
Switch modules 1L1Way Crabtree				
Switch modules 2 Way Crabtree				
Switch modules intermediate Crabtree	1			
Switch pull (complete)	-			-
Dimmer Switches plus plate	-			
Switch Day Night	1 1 1			
	Total R	R	X X	~
Page 21		3 vear periot Total		

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	Switches water tight	
	Switches Thru	
	Switches Float Mechanical	
-	Switches Float Mercury	
	Industrial Switches 1L 1 Way	
	Industrial Switches 1L 2 Way	
	Industrial Switches 2L 1 Way	
	Industrial Switches 2L 2 Way	
Ī	Industrial Switches 3L 1 Way	
	Float Switches (mechanical switching)	
	Float Switches (mercury switching)	
	Dimmers switch Crabtree	
0)	SWA Armored Cable 1.5 mm2 3 core X 1m	
31	SWA Armored Cable 2.5 mm2 3 core X 1m	
01	SWA Armored Cable 4 mm2 3 core X 1m	
5)	SWA Armored Cable 6 mm2 3 core X 1m	
U)	SWA Armored Cable 10 mm2 3 core X 1m	
01	SWA Armored Cable 16 mm2 3 core X 1m	
U)	SWA Armored Cable 25 mm2 3 core X 1m	

1	SWA PVC Shroud No. 0	-		_	-	
1	SWA PVC Shroud No. 1	1			-	
1	WA PVC Shroud No. 2					
1 1	SWA PVC Shroud No. 3	1 -		-	-	
1	WA PVC Shroud No. 4	-			1	
1	WA PVC Shroud No. 5	4				
1	WA Rubber Shroud No. 0	-			-	
1	WA Rubber Shroud No. 1				-	
1	WA Rubber Shroud No. 2	1 3-				
1	WA Rubber Shroud No. 3	-				-
1	WA Rubber Shroud No. 4	-		-		
1	WA Rubber Shroud No. 5	-				
1	W SWA Cable Gland No. 0 Captive	-				
1	W SWA Cable Gland No. 1 Captive	-				
1	W SWA Cable Gland No. 2 Captive	-				
1	W SWA Cable Gland No. 3 Captive	1				
Total R R R R R R R R R R	// SWA Cable Gland No. 4 Captive					
3 vear periot Total R		T	~	<u>~</u>	<u>~</u>	~
	Page 22		3 year periot	Total	2	

D1W SWA Cable Gland No. 1 Captive D1W SWA Cable Gland No. 2 Captive D1W SWA Cable Gland No. 3 Captive D1W SWA Cable Gland No. 4 Captive D1W SWA Cable Gland No. 5 Captive BW SWA Cable Gland No. 5 Captive Female Brass Bush 20mm2 Female Brass Bush 25mm2 Female Brass Bush 32mm2 Sealing Gaskets 20 mm2 Sealing Gaskets 25 mm2 Sealing Gaskets 32 mm2 Sealing Gaskets 40 mm2 Sealing Gaskets 50 mm2 Brass Lock Nuts No 0 Brass Lock Nuts No 2 Brass Lock Nuts No 3 Brass Lock Nuts No 4 Brass Lock Nuts No 5 Brass Lock Nuts No 1

199 199 190 190 190 191 192 193 194 195 196 197 198 198 199 199 199 199 199 199 199 199			
1	Female Brass Bush 40mm2		
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Female Brass Bush 50mm2	1	
1   1   1   1   1   1   1   1   1   1	Male Brass Bush 20mm2		
1	Male Brass Bush 20mm2 long	, ,	
1	Male Brass Bush 25mm2		
1	Male Brass Bush 25mm2 long	4 -	
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Male Brass Bush 32mm2	1	
1   1   1   1   1   1   1   1   1   1	Male Brass Bush 32mm2 long		
1	Male Brass Bush 40mm2		
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Male Brass Bush 40mm2 long		
1   1   1   1   1   1   1   1   1   1	Male Brass Bush 50mm2		
1	Male Brass Bush 50mm2 long		
1   R   R   R   R   R   R   R   R   R	Galvanized Lock Nuts 20mm2	4	
1   R   R   R   R   R   R   R   R   R	Galvanized Lock Nuts 25mm2	1	
Total R R R R R R R R R R R R R R R R R R R	Galvanized Lock Nuts 32mm2		
Total R   R   R   R   R   R   R   R   R   R	Galvanized Lock Nuts 40mm2		
Page 23  1		R R	CC
		3 year periot	
	Galvanized Lock Nuts 50mm2		
	Line Taps MO8 10mm		
	Line Taps MO6 16mm		
	Line Taps MO4 25mm	1	
	Line Taps MO2 35mm		
	Line Taps MO0 50mm	1	
	Line Taps MO 100 100mm	1	
•	Small Shroud (line taps)	1	
	Medium Shroud (line taps)	1	
	Large Shroud (line taps)	1	
	Washers Earth Tag Slip on No 0	1	
	Washers Earth Tag Slip on No 1	1	
	Washers Earth Tag Slip on No 2	1	
	Washers Earth Tag Slip on No 3	1	
•	Washers Earth Tag Slip on No 4	1	
	Washers Earth Tag Slip on No 5	1	
	Washers Earth Tag Screw on No 0	1	
	Washers Earth Tag Screw on No 1	1	
	Washers Earth Tag Screw on No 2	1	
	Washers Earth Tag Screw on No 3	1	
	Washers Earth Tag Screw on No 4	1	

1	Washers Earth Tag Screw on No 5	_				
1	Kicker pipe	+				
1	Earth Spike 1.5m X M16					
1	arth Spike 1.8m X M16			1		
1	arth Spike 2.4m X M16	1 ,				
1	arth Spike 3m X M16	4		I		
1	Earth Spike Coupling brass	4				
1	Earth Spike Driving tip					
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Earth Spike Clamp 70mm brass	4 -				
1	arth Spike Driving cap					
1	lease note that all Lamps, Fitting and Ballasts must be	-	1			
1	50V unless otherwise specified)	4				
1	uorescent Starter Holders T5 + pins	-				
1	uorescent Starter Holders T5 + pins + springs	-				
Total R R R R R R R	13 Tombstone slide on starter holder	1				
3 year nerint Tytal D		-	~	~	~	
	Page 24		3 vear ner	int Total	2 0	4

	G13 with pins + springs starter holder	
	Starter Holders with pins	
	Spare lamp holder for twin lamp fittings	
	Spare lamp holder for single lamp fittings	
	Spare lamp holder for telescopic lamp fittings	
	Fluorescent Tubes 1Ft	
	Fluorescent Tubes 2Ft	
	Fluorescent Tubes 3Ft	
	Fluorescent Tubes 4Ft slim line	
	Fluorescent Tubes 4Ft rapid start	
	Fluorescent Tubes 5Ft slim line	
Ш	Fluorescent Tubes 5Ft rapid start	
	Fluorescent Tubes 8Ft	
	Fluorescent Ballasts 11W	
	Fluorescent Ballasts 10 - 13W	
	Fluorescent Ballasts 13W	
	Fluorescent Ballasts 16W	
	Fluorescent Ballasts 18W	
	Fluorescent Ballasts 20W	
	Fluorescent Ballasts 18 - 20W	
	Fluorescent Ballasts 30W	
	Fluorescent Ballasts 36W	

Fluorescent Ballasts 54W Double Fluorescent Ballasts 58W Double Fluorescent Ballasts 75W Double 70W Ballasts High Pressure Sodium & Metal Halide 150W Ballasts High Pressure Sodium & Metal Halide
--

250W Ballasts High Pressure Sodium & Metal Halide	
400W Ballasts High Pressure Sodium & Metal Halide	
70W Ballasts for Mercury Vapour	
150W Ballasts for Mercury Vapour	
250W Ballasts for Mercury Vapour	
400W Ballasts for Mercury Vapour	
Capacitors for 2Ft Fluorescent	
Capacitors for 3Ft Fluorescent	
Capacitors for 4Ft Fluorescent	
Capacitors for 5Ft Fluorescent	
Fluorescent Fittings 1Ft single	
Fluorescent Fittings 2Ft single	
Fluorescent Fittings 3Ft single	
Fluorescent Fittings 4Ft single	
Fluorescent Fittings 5Ft single	
Fluorescent Fittings 8Ft single	
Fluorescent Fittings 1Ft double	
Fluorescent Fittings 2Ft double	
Fluorescent Fittings 3Ft double	
Fluorescent Fittings 4Ft double	
Fluorescent Fittings 5Ft double	
Fluorescent Fittings 8Ft double	
Fluorescent Fittings 18W single watertight	

### displayer single watertight  #### displayer single watertight  #### displayer single watertight  #### displayer single watertight  ###################################	Fluorescent Fittings 36W single watertight	
1	Fluorescent Fittings 58W single watertight	
1   1   1   1   1   1   1   1   1   1	Fluorescent Fittings 18W double watertight	
1	The state of the second state of the second	1
1	Financiast Fittings Sovy double Waterlight	
1	ridorescent rithings bow double watertight	1
1	Fluorescent Starters 4 – 80W	1
1   1   1   1   1   1   1   1   1   1	Fluorescent Starters 10 – 20W	
1   1   1   1   1   1   1   1   1   1	Fluorescent Starters 30 – 40W	
1	Bulbs E/S 40W	
1   R   R   R   R   R   R   R   R   R	Bulbs E/S 60W	
1   R   R   R   R   R   R   R   R   R	Bulbs E/S 100W	
1   Total R   R   R   R   R   R   R   R   R   R	Bulbs SES 40W	, , , , , , , , , , , , , , , , , , , ,
Total R   R   R   R   R   R   R   R   R   R	Bulbs SES 60W	
Page 26  1 1		R R R
- - - - - - - - - - - - - - - - - - -	Page 26	~
	Bulbs SES 100W	
20W/30W/50W	Bulbs SBC 40W	
20W/30W/50W	Bulbs SBC 60W	
20W/30W/50W	Bulbs SBC 100W	
20W/30W/50W	Light Fitting 6 inch Bowl (glass)	
20W/30W/50W	Light Fitting 6 inch Gallery (porcelain)	1
20W/30W/50W	Light Fitting 8 inch Bowl (glass)	1
20W/30W/50W	Light Fitting 8 inch Gallery (porcelain)	
20W/30W/50W	Light Fitting 6 inch Bowl (PVC)	
20W/30W/50W	Light Fitting 6 Inch Gallery (PVC)	1
20W/30W/50W	Light Fitting 6 inch Bowl (Nylon)	
20w/30w/50w	Light Fitting 6 inch Gallery (Nylon)	
20W/30W/50W	Light Fitting 8 inch Bowl (Nylon)	
20W/30W/50W	Light Fitting 8 inch Gallery (Nylon)	
20W/30W/50W	Light Fitting Bulk Head 60W	1
20W/30W/50W	Light Fitting Bulk Head 100W	
20W/30W/50W	Water Tight Fitting complete 100W (Jam Jar)	
20w//30w//50w	Spot Light B10	
20w/30w/50w	3 watt LED BC, candle	
20W/30W/50W	3 watt LED BS, candle	1
20W/30W/50W	20W LED flood lights	
20W/30W/50W		
	20W/30W/	
LED Flood Light - 100W		1

NTFSuper Bright High Quality LED Spotlight/Floodlight 100w							
	-1 +-				-		
White pendant Cord & Holder	-1 -		1				
Low voltage Lighting Transformer	4 -						1
Large size candle Light compact fluorescent lamps 250V ES	-						
Large size candle Light compact fluorescent lamps 250V BC	4 -			-			T
Outdoor Downlight with 30 Degree Tilt							T
Pond Light With Fixed Bracket	-1		1				
Pond Light With Fixed Bracket	4 +			1			Т
GU5,3 50W MR16 Closed Halogen	4 +						
4 Panel Upfacing Wall Light	4 -						
60W GLS Incandescent (10pc Shrink Pack)							T
	Total R	 Δ.	۵	۵			T
Page 27				4	2	¥	
		3	3 year periot Total	Total	~		

	4 Panel Downfacing Wall Lantern	
	irink Pack)	
	LED Floodlight with Sensor 10W	
	LED Floodlight with Sensor 10W	
	Energy Saving Work Light	
	Energy Saving Work Ligh	
	Large Rectangular LED Flood Light	
	Large Rectangular LED Security Light	
	Rectangular Flood Light	
	400W QI Premium J118 Halogen	
	Rectangular Energy Saving Flood Light	
	45W 4U CFL (Cool White)	
	Brass BC / B22 10mm entry type + earth	
	Brass BC / B22 10mm entry + on / off push bar	
	Brass BC / B22 12mm entry type	
Ц	ච ච	
	Brass BC / B22 Cord grip entry	
	Brass Battens BC / B22 standard	
	Brass Battens BC / B22 50 mm	
	Brass back plate 10mm	
	Locknut steel brass plated 10mm X 2.5mm	
	Nipple steel 10 X 15 mm	
	Nipple steel 10 X 20 mm	
	Nipple steel 10 X 25 mm	

1	Nipple steel 10 X 30 mm				
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Nipple steel 10 X 35 mm	1			
1	Wipple steel 10 X 40 mm	-1			
1	lipple steel 10 X 50 mm	1 -			
1	Wipple steel 10 X 60 mm				
1	Vipple steel 10 X 100 mm	4 -			
1	lipple steel 10 X 1000 mm	1 -			
1	orcelain BC / B22 skirted				
1	orcelain ES / E27 unskirted	7 -			
1	orcelain ES / E27 skirted	7 -			
Total R R R R R R R	orcelain flange ES / E40 unskirted with bracket	7			
3 yaar nariot Total D			~		
	Page 28		3 year p	eriot Total	

Porcelain ES / E40 skirted	
Porcelain flange GES / E40 unskirted with bracket	
Porcelain GES / E40 skirted	
Nylon BC / B22 10 mm white	
Nylon BC / B22 10 mm black	
Nylon Battens BC / B22 50 mm white	
Nylon Battens BC / B22 50 mm black	
Nylon BC / B22 50 mm cord grip	
G9 Ceramic 230V	
GZ10 Ceramic 230V – 150mm lead	
GZ10 Ceramic 230V – 500mm lead	
Ceramic 12V – 200mm lead (metal pin clamps)	
Ceramic 12V – 300mm lead (metal pin clamps)	
Metal Halide tubular 250W bulb	
Metal Halide tubular 400W bulb	
Metal Halide tubular 1000W bulb	
Metal Halide Elliptical 250W bulb	
Metal Halide Elliptical 400W bulb	
Metal Halide Elliptical 1000W bulb	
High Pressure Sodium Tubular 250W bulb	
High Pressure Sodium Tubular 400W bulb	
High Pressure Sodium Tubular 1000W bulb	
High Pressure Sodium Elliptical 250W bulb	
High Pressure Sodium Elliptical 400W bulb	
High Pressure Sodium Elliptical 1000W bulb	
Mercury Vapour 80W bulb	

Mercury Vapour 125W bulb					
Mercury Vapour 250W bulb					
Mercury Vapour 400W bulb	-				1
Mercury Vapour Blend 160W builb	1				1
Mercury Vapour Blend 250W bulb	4 -				
Mercury Vapour Blend 500W bulb	41 -				+
Energy Saving Lamps 7W E/S	1 -				+
Energy Saving Lamps 9W E/S	+ -				+
Energy Saving Lamps 11W E/S	-				
Energy Saving Lamps 15W E/S				+	
	Total R	x x	X X	~	
Page 29			3 year periot Total	: ~	

	Energy Saving Lamps 20W E/S	
Ш	Energy Saving Lamps 25W E/S	
	Energy Saving Lamps 7W B/C	
4 1	Energy Saving Lamps 9W B/C	
	Energy Saving Lamps 11W B/C	
	Energy Saving Lamps 15W B/C	
	Energy Saving Lamps 20W B/C	
	Energy Saving Lamps 25W B/C	
	PAR 15W E27/PAR38 bulb	
	PAR 20W E27/PAR38 bulb	
	PAR 100W E27/PAR38 bulb	
	PAR 150W E27/PAR38 bulb	
	PAR 100W E27/PAR63 bulb	
	PAR 150W E27/PAR63 bulb	
	Cheese Fitting 200mm round Aluminium body	1
	Cheese Fitting 250mm round Aluminium body	
	Cheese Fitting 200mm square Aluminium body	
	Cheese Fitting 250mm square Aluminium body	
	Outdoor bulkheads Plain large round 100W	
	Outdoor bulkheads Grid large round 100W	
	Outdoor bulkheads Eyelid large round 100W	
	Outdoor bulkheads Plain large oval 100W	
	Outdoor bulkheads Grid large oval 100W	
	Outdoor bulkheads Eyelid large oval 100W	
	Bulkhead Outdoor DTR rectangular high visor	
	Bulkhead Outdoor DTS Square specifications high visor	
	Bulkhead Outdoor DTC Round specifications high visor	

150M Die Cart Aliminium Eland Hick - Inner				
TOWN DIE CAST AIUTH FIOOD LIGHT glass lense				
500W Die Cast Aluminium Flood Light glass lense	, -			1
500W Die Cast Aluminium Flood Light glass lense +sensor				
Spot Flood Light PAR 38 with motion sensor	-			
Down Lighter 50W	4 -			
Incandescent lamps (pigmy) E14	7 -			
Incandescent lamps (pigmy) BA15D	i .			
Incandescent lamps frosted reflective 60W	1 -			
Incandescent lamps frosted reflective 75W				
	Total R	<u>~</u>	_ G	
OC cond			4	۷
rage 50		3 year periot Total	Total	

Incandescent lamps frosted reflective 100W	Γ
KWH Meter single phase	T
KWH Meter three phase	Т
KWH Meter single phase DB mounted	T
	Т
Load Control Relay 5A mini rail	Т
Load Control Relay 10A mini rail	П
Load Control Relay 16A mini rail	Т
Load Control Relay 25A mini rail	Т
Load Control Relay 32A mini rail	Т
Din Rail anodized aluminium slotted 35 X 7.5 X1	Т
5 X1	Т
Din Rail passivated steel slotted 35 X 7.5 X1	Т
Din Rail passivated steel non slotted 35 X 7.5 X1	T
Din Rail passivated steel slotted 35 X 15 X1.5	Т
(1.5	Т
Load Control Relay 5A Din Rail	Т
Load Control Relay 10A Din Rail	_
Load Control Relay 16A Din Rail	Т
Load Control Relay 25A Din Rail	T
Load Control Relay 32A Din Rail	T
Circuit Breakers 1A single phase Din Rail 6kA	Т
	Т
Circuit Breakers 3A single phase Din Rail 6Ka	_
Circuit Breakers 4A single phase Din Rail 6kA	Т
Circuit Breakers 6A single phase Din Rail 6kA	1
Circuit Breakers 10A single phase Din Rail 6kA	Т
	_

Ĵ	Circuit Breakers 20A single phase Din Rail 6KA	_		L		-		
Ü	Circuit Breakers 25A single phase Din Rail 6kA	4 -						
Ö	Circuit Breakers 30A single phase Din Rail 6kA	4 -				-		
Ü	Circuit Breakers 32A single phase Din Rail 6kA							
Ö	Circuit Breakers 40A single phase Din Rail 6kA							
Ö	Circuit Breakers 50A single phase Din Rail 6kA					-		
Ö	Circuit Breakers 63A single phase Din Rail 6kA	4 -			-			
Ü	Circuit Breakers 2A Double Pole Din Rail 6kA	4 -			1			
	7	Total R	~	~	~	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	_~	<u>~</u>
	Page 3.1			L.	3 year periot Total	Total	. ~	:

	Circuit Breakers 10A Double Pole Din Rail 6KA	
	Circuit Breakers 16A Double Pole Din Rail 6kA	
	Circuit Breakers 20A Double Pole Din Rail 6kA	
	Circuit Breakers 25A Double Pole Din Rail 6kA	
	Circuit Breakers 32A Double Pole Din Rail 6kA	
	Circuit Breakers 40A Double Pole Din Rail 6kA	
	Circuit Breakers 50A Double Pole Din Rail 6kA	
	Circuit Breakers 63A Double Pole Din Rail 6kA	
	Circuit Breakers 2A 3 Pole Din Rail 6kA	
	Circuit Breakers 6A 3 Pole Din Rail 6kA	
	Circuit Breakers 10A 3 Pole Din Rail 6kA	
	Circuit Breakers 16A 3 Pole Din Rail 6kA	T
	Circuit Breakers 20A 3 Pole Din Rail 6KA	
	Circuit Breakers 25A 3 Pole Din Rail 6KA.	
	Circuit Breakers 32A 3 Pole Din Rail 6kA	
Ĩ	Circuit Breakers 40A 3 Pole Din Rail 6kA	T
	Circuit Breakers 50A 3 Pole Din Raii 6kA	
	Circuit Breakers 63A 3 Pole Din Rail 6kA	
	Circuit Breakers 6A SP&N Din Rail 6kA	
	Circuit Breakers 10A SP&N Din Rail 6kA	
ĺ	Circuit Breakers 16A SP&N Din Rail 6kA	
Ĩ	Circuit Breakers 20A SP&N Din Rail 6kA	
	Circuit Breakers 25A SP&N Din Rail 6kA	
	Circuit Breakers 32A SP&N Din Rail 6kA	
-	Single Pole Isolators 32A Din Rail 6kA	
-1	Single Pole Isolators 63A Din Rail 6kA	
Ī	Double Pole Isolators 32A Din Rail 6kA	
	Double Pole Isolators 63A Din Rail 6kA	
	Double Pole Isolators 100A Din Rail 6kA	

3 Pole Isolators 32A Din Rail 6kA	-			-	-	
3 Pole Isolators 63A Din Rail 6kA						
3 Pole Isolators 100A Din Rail 6kA	1 -					
25A Earth Leakage Unit 2pole (No overload) (Din)	f -			1		
40A Earth Leakage Unit 2pole (No overload) (Din)	1					
63A Earth Leakage Unit 2pole (No overload) (Din)	{ ,-					
25A Earth Leakage Unit 4pole (No overload) (Din)	4					
	Total R	~	R		2	α
Page 32			3 vear	Vear periot Total		4

40A Earth Leakage Unit 4pole (No overload) (Din)	
63A Earth Leakage Unit 4pole (No overload) (Din)	
25A Earth Leakage Unit 2pole (overload) (Din)	
63A Earth Leakage Unit 2pole (overload) (Din)	
40A Earth Leakage Unit 4pole (overload) (Din)	
Bus bar for Din MCB'S X 1m	
Pre - assembled earth bar vertical X 55mm	
Pre - assembled earth bar vertical X 88mm	
Pre – assembled earth bar vertical X 106mm	
Pre - assembled earth horizontal X 213mm	
Pre - assembled neutral horizontal X 59mm	
Pre - assembled neutral horizontal X 105mm	
KWH Meter Din Rail mounted single phase	
KWH Meter Din Rail mounted three phase	
Din Panel meters running hour	
Din Frequency meters	
Din Rail Clips	
Rail mounted terminals arth terminals	
Rail mounted terminals Standard terminals 2.5mm	
Rail mounted terminals Standard terminals 4mm	
Rail mounted terminals Standard terminals 6mm	
Rail mounted terminals Standard terminals 10mm	
Rail mounted terminals Standard terminals 16mm	
Rail mounted terminals Standard terminals 35mm	
Rail mounted terminals Standard terminals 70mm	
Din Ammeters 20A 48 X 48	

Din Ammeters 30A 48 X 48	-				
Din Volt meters 220/240V	4 -				
Din Volt meters 280/415V					
Cable trunking PVC 16mm X 16mm X 3m	7 -				
Cable trunking PVC 16mm X 16mm X 2m	1 -				
Cable trunking PVC 16mm X 25mm X 3m	7 .				
	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1				
	Iotal K	¥	R	π π	
Page 33			3 year periot Total	2	

---Cable trunking PVC Slotted 40mm X 100mm X 2m Cable trunking PVC Slotted 60mm X 100mm X 2m Cable trunking PVC Slotted 15mm X 17mm X 2m Cable trunking PVC Slotted 25mm X 25mm X 2m Cable trunking PVC Slotted 25mm X 40mm X 2m Cable trunking PVC Slotted 25mm X 60mm X 2m Cable trunking PVC Slotted 25mm X 80mm X 2m Cable trunking PVC Slotted 40mm X 25mm X 2m Cable trunking PVC Slotted 40mm X 40mm X 2m Cable trunking PVC Slotted 40mm X 60mm X 2m Cable trunking PVC Slotted 40mm X 80mm X 2m Cable trunking PVC Slotted 60mm X 40mm X 2m Cable trunking PVC Slotted 60mm X 60mm X 2m Cable trunking PVC Slotted 60mm X 80mm X 2m Cable trunking PVC Slotted 80mm X 40mm X 2m Cable trunking PVC Slotted 80mm X 60mm X 2m Cable trunking PVC 100mm X 100mm X 3m Cable trunking PVC 100mm X 80mm X 3m Cable trunking PVC 100mm X 50mm X 3m Cable trunking PVC 100mm X 60mm X 3m Cable trunking PVC 25mm X 40mm X 3m Cable trunking PVC 80mm X 40mm X 2m Cable trunking PVC 16mm X 40mm X 3m Cable trunking PVC 25mm X 25mm X 2m Cable trunking PVC 40mm X 25mm X 2m Cable trunking PVC 40mm X 60mm X 2m Cable trunking PVC 40mm X 80mm X 2m Cable trunking PVC 60mm X 40mm X 2m Cable trunking PVC 60mm X 60mm X 2m Cable trunking PVC 80mm X 60mm X 2m Cable trunking PVC 40mm X 40mm X 3m

	~	Total	year periot Total	m			Page 34
~	2	N.	æ	æ	~	Total R	
						1	Cable trunking PVC Slotted 100mm X 80mm X 2m
<u> </u>		L					Cable trunking PVC Slotted 100mm X 60mm X 2m
							Cable trunking PVC Slotted 100mm X 40mm X 2m
							Cable trunking PVC Slotted 80mm X 100mm X 2m
-		L				1	Cable trunking PVC Slotted 80mm X 80mm X 2m

Cable trulking PVC Sumin X Sm har moon	-		
Cable trunking PVC 70mm X 20mm X 3m half moon			•
Cable trunking Steel 40mm X 40mm X 1m			
Cable trunking Steel 100mm X 40mm X 1m			
Power Skirting 185 X 50 X2m			
Power Skirting 110 X 50 X2m			
Power Skirting 180 X 65 X2m			
Power Skirting 105 X 65 X2m	,-1		
Power Skirting 185 X 50 T piece			
Power Skirting 185 X 50 Variable Inside Angle	1		
Power Skirting 185 X 50 Plane Angle			
Power Skirting 185 X 50 Joint	1		
Power Skirting 185 X 50 End cap	1		
Power Skirting 185 X 50 Variable Outside Angle			
Power Skirting 185 X 50 Cable support	1		
Power Skirting 185 X 50 Internal Divider	1		
Power Skirting 185 X 50 Adaptor clip			
Power Skirting 185 X 50 900 bend			
Power Skirting 185 X 50 T piece with reduction	Ţ		
Power Skirting 185 X 50 4 X 2 Socket Adaptor	Ţ.Ţ		
Power Skirting 110 X 50 T piece	1		
Power Skirting 110 X 50 Variable Inside Angle	1		
Power Skirting 110 X 50 900 bend			
Power Skirting 110 X 50 End cap	1		
Power Skirting 110 X 50 Variable Outside Angle			
Power Skirting 110 X 50 T piece with reduction			
Power Skirting 110 X 50 4 X 2 Socket Adaptor	1		
Power Skirting 180 X 65 Divider	1		
Power Skirting 180 X 65 End cap	1		
Power Skirting 180 X 65 Internal Angle	1		
Power Skirting 180 X 65 External Angle			

Power Skirting 1	Power Skirting 180 X 65 External Angle cover	-						
Posterior Claiming		4						
Power akirung t	rower Skirully 180 X b3 Plane Angle	,						1
		4						
Power skirting I	Power Skirting 180 X 65 Plane Angle cover	-						
		7					_	
Power Skirting 180 X 65 T piece	80 X 65 T piece							1
		_						
		4						Ì
		Total IK	œ	R R	~	2	Δ	
						<u>-</u>	_	

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22

Power Skirting 180 X 65 4 X 2 Socket Adaptor		
Power Skirting 180 X 65 Joint Cover		
Power Skirting 105 X 65 Divider	1 -	
Power Skirting 105 X 65 End cap	4 -	
Power Skirting 105 X 65 Internal Angle		
Power Skirting 105 X 65 External Angle	4 -	
Power Skirting 105 X 65 External Angle cover		
Power Skirting 105 X 65 Plane Angle		
Power Skirting 105 X 65 Plane Angle cover		
Power Skirting 105 X 65 T piece		
Power Skirting 105 X 65 4 X 2 Socket Adaptor	4	
Power Skirting 105 X 65 Joint Cover		
Support Bracket 41 X 29 X 150mm		
Support Bracket 41 X 29 X 200mm	1	
Support Bracket 41 X 41 X 300mm		
Support Bracket 41 X 41 X 400mm		
Support Bracket 41 X 41 X 500mm		
Plug tops 3pin rubber		
Plug tops 3pin standard		
e rubber		
Janus Plugs 3 pin double poly prop black		
Janus Plugs 3 pin double poly prop white	1	
Cable Tidy 22mm X 1.5m		
Cable Tidy 28mm X 1.5m		
Galvanized Draw Wire X 2kg		
Tape Barrier 75mm X 75mm X 500m		
Tape Detector 75mm X 150mm X 500m		
Tape danger 75mm X 150mm X 500m		
Tape Masking 18mm x 40m		
Tape Masking 24mm x 40m	1	
Tape Masking 48mm x 40m	1	
Hole Plugs 16mm		
Hole Plugs 19mm		
		-

œ 2 2 ~ ď  $\simeq$ Total R Hole Plugs 22mm Hole Plugs 25.4mm Hole Plugs 30.5mm

Page 36

Clin chide amail	_	
Gue sucks strail	1	_
Glue sticks big	ı	
Dedicated computer Plug 16A 3 pin	1	
Rubber Heavy Duty Plug 16A 3 pin		
Rubber Janus Heavy Duty Coupler 16A 3 pin		
Draw Boxes PVC 150 X 150 X 75		
Draw Boxes PVC 230 X 230 X 75		
Draw Boxes PVC 305 X 305 X 75		
Draw Boxes Galvanised 150 X 150 X 75		
Draw Boxes Galvanised 230 X 230 X 75		
Draw Boxes Galvanised 305 X 305 X 75	1	
Cable Tray 65mm X 3m		
Cable Tray 95mm X 3m		
Cable Tray 155mm X 3m		
Horizontal Bend 900 65mm		
Horizontal Bend 900 95mm		
Horizontal Bend 900 155mm		
Horizontal Bend 450 65mm		
Horizontal Bend 450 95mm		
Horizontal Bend 450 155mm	1	
Horizontal T Junction 65mm		
Horizontal T Junction 95mm		
Horizontal T Junction 155mm		
Horizontal Cross Junction 65mm	1	
Horizontal Cross Junction 95mm		
Horizontal Cross Junction 155mm		
Horizontal T Branches 65mm		
Horizontal T Branches 95mm		
Horizontal T Branches 155mm		
Upwards curve 65mm		
Upwards curve 95mm		
Upwards curve 155mm		
Downwards curve 65mm		
Downwards curve 95mm		

Downwards curve 155mm  Boltless speed lock coupler  1		
G C++	4	
I JUST IN R K	×	~
Page 37 3 year p	year periot Total	

Industrial Relays 32VAC 14 pip

œ ≃  $\simeq$ Total Page 38 Industrial Relays 12VAC 11 pin

3 year periot Total

Pneumatic Timers Star / Delta 1 - 30 sec Pneumatic Timers Delay off 0 - 180 sec Pneumatic Timers Delay on 0 - 180 sec Pneumatic Timers Delay off 0 - 30 sec Pneumatic Timers Delay on 0 – 30 sec Motor Start / Stop Push buttons unit Top mounted Auxiliaries 1NO + 1NC Top mounted Auxiliaries 1NO + 3NC Top mounted Auxiliaries 2NO + 2NC Top mounted Auxiliaries 3NO + 1NC Industrial Relays 230VDC 11 pin Industrial Relays 110VDC 11 pin Industrial Relays 230VDC 8 pin Industrial Relays 110VDC 8 pin Industrial Relays 12VAC 14 pin Industrial Relays 48VDC 11 pin Industrial Relays 24VDC 11 pin Industrial Relays 12VDC 11 pin Industrial Relays 48VDC 8 pin Industrial Relays 24VDC 8 pin Industrial Relays 12VDC 8 pin Contactors 2 pole coil 240VAC Industrial Relays 6VDC 11 pin Contactors 2 pole coil 400VAC Industrial Relays 6VDC 8 pin Top mounted Auxiliaries 2NO Top mounted Auxiliaries 4NO Mini Contactors coil 230VAC Motor Overloads 400V 15kW Top mounted Auxiliaries 2NC Top mounted Auxiliaries 4NC Mini Contactors coil 400VAC Mini Contactors coil 110VAC Mini Contactors 500V 13kW Mini Contactors coil 24VAC Contactors 2 pole 40A

~ ~ R R 3 year periot Total 2 ~ Total R Page 39

day: Dattoria (IIIOtol )	-		
Double button with light			
Double button with no light	, , , ,		
Add on contact blocks N/C red	1		
Add on contact blocks N/O green			
Lamp holder with support base	,		
Selector switch heads short handle 2 position maintained	1 1		
Selector switch heads short handle 3 position maintained			
Selector switch heads long handle 2 position maintained			
Selector switch heads long handle 3 position maintained	* -		
Push Button Heads green			
Push Button Heads red			
Push Button Heads black	1		
Emergency stop buttons Twist to release	-		
Emergency stop buttons Key release	-		
Push button stations 132 X 82 X 65			
Gewiss Isolators 16A 5.5kW 3pole	1		
Gewiss Isolators 16A 5,5kW 4pole	-		
Toggle switches on - off			
Toggle switches on - on			
Toggle switches on - off - on			
Panel meters running hour 48mm2	-		
Panel meters running hour 72mm2			
Panel meters frequency 48mm2 45 – 65 Hz	-		
Panel meters power factor 400V + N	1		
Panel meters watt meter 5A 400V non balanced	-		
Panel meters AC Ammeters direct 20A	,i		
Panel meters AC Ammeters direct 30A			
Panel meters AC Ammeters direct 60A			
Panel meters AC Voltmeters 220 / 240V			
Panel meters AC Voltmeters 380 / 415V	T		
Relay Bases Din Rail 8 pin			
Relay Bases Din Rail 11 pin	,I		
Relay Bases Din Rail 14 pin	T		
Din Lightning arrestors single pole	F		
Din Lightning arrestors double pole			

1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		1					
A 600V A 622A From 230V From 2	Din Surge arrestors single pole	1					
4 GOV  A GOV  AC 32A  From 230V  Total R  B  B  B  B  B  B  B  B  B  B  B  B  B	Surge arrestors double pole	, ,					
A 600V  A 622A  From 230V  From 2	Surge arrestors four pole	,					
+N in the control of	ver Protection single pole						1
4 (1) (1) (1) (1) (1) (1) (1) (1) (1) (1)	ver Protection three pole	1					
4 COOV  A COOV	ver Protection four pole	,					
1	ver Protection three pole + N						
1	ntning Arrestors one pole					-	
1	ntning Arrestors three pole	-					
A COOV  AC 322A  AC 322A  AC 324  Tron 230V  Tron 230V  Tron 230V  Tron 24 A  Tron 25 A	ge Arrestors single pole						
A 6 500 V  A 7 52 A  A 7 52 A  A 7 5 A  A 7 5 A  A 7 5 A  A 8 5 A  A 8 5 A  A 8 5 A  A 8 5 A  A 8 5 A  A 8 5 A  A 8 5 A  A 8 5 A  A 8 5 A  A 8 5 A  A 8 5 A  A 8 5 A  A 8 5 A  A 8 5 A  A 8 6 A  A 8 7 A	ge Arrestors double pole						
Ac 32A from 230V	ge Arrestors four pole						
1	man Switch 20A	,					
1	man Switch 32A						
A 600V AC 32A AC 32A From 230V Trom 230V Trom 24 Constraints Trom 25 Constraints Trom	ket Nova 16A 4 pin socket						
Ac 32A  Ac 32A  Troin 23DV  Tr	ket Nova 25A 4 pin socket	-					
A 600V A	ket Nova 40A 4 pin socket						
A 600V  A 600V  AC 32A  AC 32A  From 230V  Trom 230V  Trom 24 B  Trom 250V  T	ket Nova 16A 4 pin plug	1					
AC 32A AC 32A AC 32A from 230V from 230V	ket Nova 25A 4 pin plug						
A 600V AC 32A From 230V From 230V Trom 230V Trom 24 AC 35 A Trom 25 AC 35 A Trom 25 AC 35 A Trom 25 AC 35 AC	ket Nova 40A 4 pin plug						
A 600V AC 32A From 230V From 230V Trom 230V Trom 230V Trom 230V Trom 230V Trom 24 Properties and the propert	e Holders 690V	1					
A 600V AC 32A from 230V from 230V	e Holders 250V round						
AC 32A  AC 32A  from 230V  from 2	e Holders 500V						
AC 32A     1     1     1     1     1       from 230V     1     1     1     1     1       1     1     1     1     1     1       1     1     1     1     1     1       1     1     1     1     1     1       1     1     1     1     1     1       1     1     1     1     1     1       1     1     1     1     1     1       1     1     1     1     1     1       1     1     1     1     1     1       1     1     1     1     1     1       1     1     1     1     1     1     1     1       1	e Holders panel mounted 30A 600V						
AC 32A       from 230V       1	e Holders open type 10 X 38						
from 230V       1     1     1     1     1       1     1     1     1     1     1       1     1     1     1     1     1       1     1     1     1     1     1       1     1     1     1     1     1       1     1     1     1     1     1     1     1       1	e Holders Din mounted 250VAC 32A	1					
from 230V       1     1     1     1     1       1     1     1     1     1       1     1     1     1     1       1     1     1     1     1       1     1     1     1     1       1     1     1     1     1       1     1     1     1     1     1       1     1     1     1     1     1     1       1	de Connector	1					
1	Transformer 4V – 8V – 12V from 230V	1					
11	r Bell underdome	ri					
1 1	r chime ding dong two tone	1					
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	s Pushes 55 X 24 X 18mm	1					
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	ns 220V AC/DC range 500m						-
ж ж	ın lighter transformer	1					
ж ж		1					
R R R	-	1					
		Total R	æ	~	R R	2	Z Z

L	Waco surface mounted switched socket outlet (interlocked) 3pin							
								-1
	Waco straight plug top 3 pin 32A							-
	Waco straight plug top 4 pin 32A							
	York Box 175 X 130 X 90							- 1
	York Box 150 X 90 X 55							-
	75							
	85 watt energy savers							
								- 11
								-
								- 1
								-
								71
	PL9 5 pin energy savers in line							
								-
	50 watt 220volt spot GU 10LED							- 7
	50 watt 12volt Bi pin							
								-
	14 watt energy saver							-
	14 watt circling tubes T5							-
	22 watt circling tubes T5							
	32 watt circling tubes T5							-
	40 watt circling tubes T5							
								_
	70 watt sont internal igniter							
	20 watt energy saver ES							
								_
	50 watt halostar 12 volt lamp GA							
	40 watt 240volt R63 spot ES froster							
	20 16 watt 2pin florescent cool white							_
								_
	Total	R R	8	R	R	~	8	

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Dublic play ecoer 100mm x 100mm  Trickstral plug strape  Industrial plug strap	Plugs				-				
1   1   1   1   1   1   1   1   1   1	16 amp Double plug + cover 100mm x 100mm				-	ł			
Interpretable details for the details of the part of t	16 amp Single plug + cover 100mm x 100mm								
station plug single         1	16 amp Industrial plug double	1							
1 + cover 50mm x 100mm (2x 3") bus plug tops (3 pm)  Lablatet  Lablatet  Lablatet  1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	16 amp Industrial plug single								1
Dide by Buildings (3 pin)  Le Ballast  1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	16 amp plug + cover 50mm x 100mm (2'x 3")	1					-		
Challast         1<	15 amp Rubber plug tops (3 pin)				-				
1   1   1   1   1   1   1   1   1   1	Elecktronic Ballast	1							
ratis side entry 2.2 kw with cord entry 3.2 km with cord entry 4.2 km with cord believed to the cord believed t	58 watt x2	<b>H</b>							
retail bridges  art Side entry 2.2 kw with cord  entr Side entry 2.2 kw with cord  entr Side entry 2.2 kw with cord  entr Side entry 2.2 kw with cord  book colled pole mounted  1	36 watt x2								
1	36 watt x2						-		
etgs         1         1         6         4         6         6         6         7         6         7         6         7	GES laqmp holders				-				
EES         Interest	Kettle element side entry 2.2 kw with cord	-							
Obooked-dooled pole mounted         1         6         6         6         6         6         6         6         6         6         6         6         6         6         6         6         6         6         6         6         7<	Transformers								
000volt-400vold pole mounted     1	50 KVA 11,000volt-400vold pole mounted			-	+	-			
pound 6mm x4 core +E     pound 6mm x4 core +E       x 8mm       x 8mm       x 10mm       x 10mm       x 12mm       m       m       m       m       defer       m       m       meter       m       m       meter       meter       meter       meter       meter       meter       meter       page 43	100 KVA 11,000volt-400vold pole mounted	1				-	<u> </u>		
k form       k 10mm       k 10mm       k 12mm       k 12mm       k 12mm       x 12mm       in	Surfix cable pound 6mm x4 core +E	1							
κ Brinth         κ Brinth         1         6         6         6         6         6         6         7	Son	1			L				
x 10mm       x 12mm       y 12mm       mm       mm       mm       mm       mm       ods       y 1       y 2       y 3       y 3       y 4       y 5       y 6       y 7       y 8       meter       meter       meter       meter       meter       page 43	lugs 35mm x 8mm				-				
x 1 2mm       1 </td <td>lugs 50mm x 10mm</td> <td>1</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>	lugs 50mm x 10mm	1							
x 12mm       x 12mm       x 12mm       inn       inds       inter	lugs 70mm x 12mm						-		
wm     1 </td <td>lugs 95mm x 12mm</td> <td></td> <td></td> <td></td> <td></td> <td>-</td> <td></td> <td></td> <td></td>	lugs 95mm x 12mm					-			
Imm         1	lugs 120mm x 12mm	1							
imm         1         1         6         6         6         7	Ferrules								
imm     1<	ferrules 35mm	-					-		
imm         1	ferrules 50mm								
infty     11     12	ferrules 70mm								
ods     11     1	ferrules 95mm								
1     1 <td>ferrules 120</td> <td>11</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>	ferrules 120	11							
1	Threaded rods								
1	6mm x 1 meter								
1	8mm x 1 meter								
1         1         R	10 mm x 1 meter								Γ
Total R R R R R R R R R	12 mm x 1 meter	1							
3 year periot Total R			~	~	~	~	~	8	
	Page 43				3 year pe	iot Total	~		Γ

PVC armoured cable 50 meters		-				
10mm x 4 core	-					
16mm x 4 core	4 +					
25mm x 4 core	4					
50mm x 4 core	-					
70mm x 4 core						
 95mm x 4 core	1 -					
120mm x 4 core						
Timers						
AC/DC type BND-X5 100 hour reserve UQRD	1					
Contactors						
RAB15 - 230volt coil						
RAB18 - 230 volt 2 no + 2 nc	-					
RAB25 T11 - 230 volt 2 no + 2 nc						
RAB35 T11 - 230 volt 2 no + 2 nc	4 -					
RAB45 T11 - 230 volt 2 no + 2 nc	4					
RAB60 T11 - 230volt coil						
RAB70 T11 - 230volt coil						
RAB80 T11 - 230volt coil	-					
RAB100 T11 - 230volt coil	1 ,					
Overloads	-					
Riken 7 - 10 amp						
Riken 9 - 13 amp	-					
Riken 12 - 18 amp	1					
Riken 23 - 32 amp		-				
Riken 30 - 40 amp						
Riken 37 - 50 amp						
Riken 48 - 65 amp						
Riken 55 - 70 amp						
Riken 63 - 80 amp	1					
				-		
	Total R R	Z.	R R		_	
DocuM						

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Steel Battery Cabinet 32 x 102ah Batteries Mild steel, Powder coated Battery Cables - Yes Circuit breaker - Yes Solar Panel Mounting steel Rail 0.8mm Galvanized rail for solar panels Length: 6m Siot: 25 x 11 x 6mm Battery Cable 500mm long, 35mm2 Battery Cable with 8mm Lugs Please note: this is a single 35mm2. 500mm long cable only with 8mm lungs on either side					
Mild steel, Powder coated Battery Cables - Yes Circuit breaker - Yes Solar Panel Mounting steel Rail  0.8mm Galvanized rail for solar panels Length: 6m Slot: 25 x 11 x 6mm  Battery Cable 500mm long, 35mm2 Battery Cable with 8mm Lugs Please note: this is a sincle 35mm2. 500mm long rable only with 8mm lung on either sida					
				-	
					-
aase note: this is a single 35mm2. 500mm long rable only with 8mm line on aither cida					
DOIS DIRECTOR CONTRACTOR AND STORY STORY CONTRACTOR OF THE CONTRAC					
2.5m long, 35mm2 Battery Cable with 8mm Lugs					
Please note: this is a single 35mm2 , 2.5m long cable only with 8mm lugs on either side				+	
			-		
1 X MC4 Single Cable Connector = 1 X Male + 1 X Female				-	
MC4 Branch Connecter is used for safe and simple parallel or series					-
connection of PV-modules			1		
High current and voltage carrying: 30A, 1,000DC					
Excellent plastic material, UL 94-V0, wide temperature range: -40°c to 90°c,				-	
weather and UV resistant for long-time outdoor application				+	
Approved by ETL and TUV					
120 Watt High voltage Solar Panels used for borehole pumps and					
GENERAL CHARACTERISTICS					
Cell Polycrystalline solar					-
cell 156 x 78 mm				-	
No. of Cells 72 (4 x18)					
Panel Dimensions . 1480 x 670 x 35 mm					
Weight 11.6 kg					
Connectors and Cables Connectors and					
1m cables					
Total	2	٥			
-10			Y .	¥	¥

Normal Operating Cell Temperature 800W/m²  Irradiance, 20°C, AM = 1.5	48°C ± 2°C						
Irradiance, 20°C, AM = 1.5		_					
Downer Temperature Coofficient						+	
rowel lemperature coefficient	- 0.5%/K						
Current Temperature Coefficient	0.035%/K						
Voltage Temperature Coefficient	- 0.37 MV/K			-			
ELECTRIC PERFORMANCE AT STC *			l			+	
Maximum Power	120 W						
Power Tolerance	0/+5 Wp					-	
Maximum Power Voltage	36 V					1	
Maximum Power Current	3.33 A					-	
Open Circuit Voltage	44.8 V					-	
Short Circuit Current	3.92 A					-	-
*Standard Test Conditions: $1000W/m^2$ irradiance, $25^{\circ}$ C and AM = 1.5	and AM = 1.5				1		
LIMITS							
Operating Temperature	- 40°C to 85°C					-	
Maximum System Voltage	1000V DC				-	-	
195 Watt High voltage Solar Panels used for borehole pumps and					1		
High voltage solar swimming pool pumps							
GENERAL CHARACTERISTICS							
Polycrystalline solar cell 156 x 104 mm	Cell				<u> </u>	-	
72 (6 x12)	No. of Cells					-	
1320 x 990 x 35 mm	Panel Dimensions					-	
14.5 kg	Weight						
Connectors and 1m cables - Connectors and Ca	Cables						
THERMAL CONDITIONS							
Normal Operating Cell Temperature 800W/m²	48°C ± 2°C						
Irradiance, $20^{\circ}$ C, AM = 1.5							
Power Temperature Coefficient	- 0.5%/K				  -		
Current Temperature Coefficient	0.035%/K						
Voltage Temperature Coefficient	- 0.37 MV/K						
						$\parallel$	
		Total	  ~		~	~	
Page 46				3 year neriot Total	iot Total	:   -	2

ELECTRIC PERFORMANCE AT STC	STC *				
Maximum Power	195 W				
Power Tolerance	0/+5 Wp				
Maximum Power Voltage	36.3 V				
Maximum Power Current	5.37 A				
Open Circuit Voltage	45,5 V				
Short Circuit Current	5.75 A				
*Standard Test Conditions: 1000W/m² irradiance, 25°C and AM	e, 25°C and AM = 1.5				
LIMITS					
Operating Temperature	- 40°C to 85°C				
Maximum System Voltage	1000V DC				
Inverters					
3500W Solar Charger, 6KW Hybrid Grid tie inverter with battery backup					
inverter with battery backup					
DC input data					
Max. recommended PV power	8000W				
Start voltage	150V				
PV voltage range	120V-550V				
MPP voltage range/nominal voltage	150V-550V /360V				
Max. input current of tracker A/B	12A/12A				
Number of MPP per MPP tracker trackers / strings 2/1					
AC Output	•				
Rated AC output power	6000W				
Max. AC apparent power	6000VA				
Max. output current	27A				
utput voltage; range	230V; 180Vac-280Vac				
Nominal grid frequency; range	50,50±5Hz				
Power factor at rated power	1				
Displacement power factor 0.8leading0.8lagging	ging				
THDI	<3%				
AC output power(Backup)					
Max. output power	3000W				
Rated AC output voltage	230Vac				
Rated AC output frequency	50Hz				
		Total R R	R	~	
	17				

Automatic switchover time  Battery data  Battery voltage range  Max. charging and discharging current  Max charging and discharging power  Battery type  Capacity of battery  Efficiency  Max. efficiency  Max. efficiency  Max. efficiency  Protection devices  Dc reverse polarity protection  Output over current protection  Output over voltage protection  Output over voltage protection  Ground fault monitoring  Integrated all - pole sensitive leakage  General Data  Dimensions (W / H / D) mm  Weight  Operating temperature range  Noise emission (typical)  Altitude  Self-Consumption  Inverter Topology  Cooling concept  Environmental Protection Rating  Relative humidity  DC connection
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3Kw Advanced Energy 1TL3.0 Single Phase Inverter		-					
DC Data		1					
Recommended max. PV power (kWp): 3.8							
MPPT range (V): 270 – 500						1	
DC start voltage (V): 125							
Max. voltage DC (V): 600							
Max. current DC (A): 11.5						1	
MPP trackers: 1						 	
Number of DC inputs: 1 x Phoenix Sunclix						+	
DC disconnection switch: Yes						1	
AC Data							
AC nominal power (kW): 3.2							
Max. Apparent power (kVA): 3.0							
AC grid connection: L, N, PE							
Nominal power factor / range: 1/0.951 – 0.95c							
Nominal voltage AC (V): 230						1	
Voltage range AC (V): 185 – 276							
Nominal frequency / frequency range (Hz): 50, 60/ 45 - 65							
Max. Current AC (A): 14.0							
Max. THD (%): 2.0							
Max, Efficiency (%): 98.0							
European efficiency (%): 97.7							
Feed-in starting at (W): 10							
Self consumption in night operation (W); <4						1	
Crystal XI Inverter 1200 Watts (2kVA) inverter		-					
Automatic line-to-battery switchover							
Charge current 1.0Amp/20amp adjustable							
Provides overload protection							
Auto restart while AC recovery							
Multi-function LED/LCD indications and buzzer alarms							
High efficient DC-to AC conversion, minimizing energy loss							
Intelligent 2 - stage charger control for efficient charging and preventing overcharge	preventing overcharge						
Super efficient, DC to AC conversion, minimizing charging losses	es						
Input voltage range selection option							
Fully automatic start operation		Total	R	~	~	2	
	Draw 40	1					1

α.

						_			
Compact size and light weight	nt weight								
Provides critical overload protection	oad protection				-				
Eco-friendly & non-polluting (green device)	olluting (green device)				-				
Advanced technology optimizes battery life	optimizes battery life								
Capacity -	VA/W	2000VA/1200W							
Input	Nominal voltage	220/230/240 VAC			-				
	Voltage range	170-280 VAC							
Output	Voltage	230 VAC							
(Batt Mode)	Voltage Regulation	10% / - 18%			-				
	Frequency	50 Hz or 60 Hz							
(Batt Mode)	Frequency Regulation	+/- 0.1 Hz							
	Output Waveform	Modified Sinewave							
Charger	Charger Current	10 Amp +/- 1 Amp							
	DC Voltage	24V +/- 0.4V							
	Overcharge Protection	29V +/- 0.6V Fault							
Transfer Time	Typical	8-20ms					-		
Efficiency	AC to DC	>92%							
	DC to AC	>80%							
Indicator	AC Mode	Green LED							
	Battery Mode	Yellow LED							
	Battery Charging Mode	Green LED Flashing							
		every 2 seconds			-				
	Overload	Red LED Flashing							
		every 0,5 seconds							
	Fault	Red LED							
Alarm	Warning Low Battery!	Alarm Sounds							
	Over 80% DOD	every 2 seconds							
	Overload	Alarm sounds							
		every 0,5 seconds							
	Fault	Alarm Continuous							
Protection	Partial Protection	Discharge, Overcharge							
		and Overload							
	Min/No Protection	Surges, Spikes,							
		Lightening	Total R	~	~	2		2	

	Net Weight Kgs	67 Kgs					-			
Environment	Operating Environment	0-25°C Recom.								
		25°-40°C Max							-	
		0-90% Relative								
		Humidity				L				
		Non Condensing								
	Noise Level	<55 dB when charging								
5kW Bi-	-Directional Pure Sine Wave Inv	5kW Bi-Directional Pure Sine Wave Inverter with Charger: Solar Inverter								-
	INPUT								-	
Nominal Voltage		48 Vdc								
Acceptable Voltage Range	лgе	40-60 Vdc								
Maxi Input Amps		125								
Standby Power (manual mode)	al mode)	60 watts							-	
Standby Power ( search mode)	h mode)	20 watts					-			
	OUTPUT	. H								
Voltage		220 Vac								
Amps		22 amps								
Voltage range		< 3 % RMS for entire								
		battery voltage range	(a)							
Frequency		50Hz								
Frequency Regulation		± 0.1Hz								
Power Factor		toni								
Wave Form		Pure Sine Wave								
Efficiency		90 % @ 90% Toad								
Overload Protection		Circuit Breaker / Programmable								
		Overload levels and Auto Retry								
	CHARGER	- R								
Float Voltage		55.2								
Boost Voltage		57.2V-62.0V								
Boost Time		Selectable 1, 2, 3 hours								
Maximum Current		50 amps								
Generation Mode		Depending on the								
		generator power available.								
			Total R	-1	8	~	~	~	~	Z Z
									_	:

Is the first of th	Fuse-switch-disconnector KETO size 00 body (battery isolator)	ze 00 body (battery isolator)					-	
1	Maximum DC current = 160A						1	
New Mather Libbins         Security Common System         3 Strings         6         6         6         6         6         7         7         8	DC voltage rating: 440V				+		-	
15   15   15   15   15   15   15   15	Overall width: 106mm System size: 195mm				+		1	
string inputs         3 Strings         1         2         2	Terminals: M8 lugs with cable area from 25-95mm2							
Strings   3 Stri	SPECIFICATI	TONS				1	1	
The property of the property	LV	3 Strings					1	
Linguic of 133V at 23°C   150 VoC   150 VoC   150 VoC   150 VoC   10.0     Linguic of 133V at 23°C   10.0     Linguic of 135V at 23°C   10.0     Linguic of 256 carmic   2	No. of String Inputs	m				1		
out Current per series string         10A         10A           dring         2sA ceramic         6 mm²           able Size         10mm²         10mm²           Cable Size         10mm²         10mm²           Dennection         Real Mounted         Real Mounted           Connection         Real Mounted         Real Mounted           Ors (HAWAO)         260 x 300 x 130 mm         3kg         8           Bable Light bulbs         10 mm         10 mm         10 mm           By C         10 mm         10 mm         10 mm         10 mm           1 E/S         1 By C         1 mm         1 mm         1 mm           1 E/S         1 By C         1 mm         1 mm         1 mm         1 mm           1 E/S         1 By C         1 mm         1 mm<	Max PV Input of 135V at 25°C	150 VOC				-		1
SSA ceramic   SSA	Max Input Current per series string	10A						
See Size   County	Fuse Rating	25A ceramic						
Auto-Education	Input Cable Size	6mm <sup>2</sup>						
MC4   Connection   Rail Mounted   Connection   Connecti	Output Cable Size	10mm²						
Terminals   Term	Input Connection	MC4				1		
Teminals	Output Connection	Rail Mounted					+	
State   Continue   C		Terminals					-	
Sable light bulbs       3kg       6       7       6       7       6       7       7       7       7       7       7       7       8       7       8       7       8	Dimensions (HxWxD)	260 x 300 x 130 mm					-	
AND RELATED TOOLS AND MATERIAL  Page 52  State bulbs  Appendix Total R R R R R R R R R R R R R R R R R R R	Weight	3kg						
9th bulbs         AND RELATED TOOLS AND MATERIAL         Total         R								
AND RELATED TOOLS AND MATERIAL Total R R R R R R R R R R R R R R R R R R R	Rechargable light bulbs							
AND RELATED TOOLS AND MATERIAL Total R R R R R R R R R R R R R R R R R R R	Buh I ED E/S							
AND RELATED TOOLS AND MATERIAL Total R R R R R R R R R R R R R R R R R R R	Bulb I ED B/C							
AND RELATED TOOLS AND MATERIAL  Page 52  AND RELATED TOOLS AND MATERIAL  AND RELATED TOOLS AND								
Total R R R R R R R R	סמום רבט פל סזס							
Total R R R R R R R R R R R R R R R R R R R								
Total R R R R R R R R R R R R R R R R R R R								
Total R R R R R R R R R R R R R R R R R R R								
Total R R R R R R R R R R R R R R R R R R R								
Total R R R R R R R R R R R R R R R R R R R								
Total R R R R R				1				
Total R R R R R							1	
3 Vany Analyt Total	AND RELATED TOOLS A	AND MATERIAL		~	~	~	~	<u></u>
S year perior local		Page 52			3 year per	riot Total	~	



## DEPARTMENT OF PUBLIC WORKS REPUBLIC OF SOUTH AFRICA Electrical Tools

-			Oty ner	Ilnit	101	Huit	Pac	15:4	7	Carro
NO.	8	ITEM DESCRIPTION	Year		12 Months	Price	2110 12 Months	Price	3rd 12 Months	Total
	Fully Insulated Combination Pliers	All sizes	-				SIBIOLITY	3	77 FIGHUS	- Orgi
	Fully Insulated Long Nose Pliers	200mm	1							
	Fully Insulated Diagonal Side Cutters	All sizes								
	Fully Insulated Wire Stripping Pliers	160mm	1						-	
	Fully Insulated Alligator Water pump Pliers	250mm	1							
	Long Nose Pliers	All sizes								
	Angled Long Nose Pliers	All sizes	1							
	Fully Insulated 'S' Range Cable Knife	180mm								
	Fully Insulated Precision Tweezers	145mm	-							
	Fully Insulated 'S' Range		r-1							
	Junior Hacksaw Frame		1							
	70° Flat-Round Mechanics Pliers	200mm	1							
	CoBolt® Compact 20° Angled Head Bolt	200mm	F							
- 4	Cutters with Sprung Handles		1							
	Fully Insulated Round Nose Pliers	160mm	H							
	Copper and Aluminium Cable Shears	200mm	F							
	Extra High Leverage End Cutting Nippers	200mm	T							
- 1	Duck Bill Pliers	160mm	17							
	Flat Nose Assembly Pliers	200mm	1							
- 1	Ratchet Action Telescopic Cable Shears	570-770mm	1							
- 1	Coaxial Cable Stripper	105mm	ţ~i							
	Electronics Super-Knips	125mm	H							
	Electronics End Cutting Nippers	115mm	1							
			Total	R	۳.	~	ж ж	_	- X	
		Page 1				3 \$	3 year periot Total	la la	æ	
					£:					

Precision Internal Circlip Pliers Straight	All sizes		
Precision Internal Circlip Pliers 90° Tips	All sizes 1		
Precision External Circlip Pliers Straight	All sizes 1		
Precision External Circlip Pliers 90° Tips	All sizes 1		
Internal Circlip Pliers Straight	All sizes 1		
External Circlip Pliers 90° Tips	All sizes 1		
Carbon Fibre Shaft Ball Pein Hammers	(20)		
	680g (24oz) 1		
	900g (32oz) · 1		
Dead Blow Hammer			
680g (24oz) Soft Faced			
Hammer			
30M Chalk Line			
Chalk for Chalk Lines	Blue, Red, Yellow		
Vernier Calipers	0-140mm/5.1/2		
	0-200mm/8" 1		
Soft Grip Adjustable Wrenches	150,300,200,250mm 1		
	225mm Soft Grip 1		
Straight Jaw Self Grip Pliers			
	225mm Soft Grip 1		
Curved Jaw Self Grip Pliers			
61 piece Security Bit Set			
Series			
Retractable Trimming Knife	DIY Series 220mm 1		
	1		
Brick Bolsters with Hand Guard	250 x 19mm 1		
	1		
Cold Chisel with Hand Guard	220 x 60mm 1		
Electricians Bolster with Hand Guard			
Neilsen 25pc 6-32mm Combination Spanner Set	1		
6. 7. 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20,	20.		
21. 22. 23. 24. 25. 26. 27. 28. 30. 32mm	1		
Spring Caliper Inside, Outside, Divider	200mm / 8 inch 1		
	Total R R R	X X	cc
			2

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I R R R R R R R R R R R R R R R R R R R	Tin Snips Set	3pc	Į.			-	-	
13PC.  3-J/2 to 7fm.  1	43 Piece Socket Set	6-22mm			-			
13P.C.  3-1/2 to 7in,  1	Professsional Quality 20-30 AWG Wire Strippers1	•	-				-	
3-1/2 to 7in.  1	Forged Metric Tube Spanner Set	13Pc.					-	
1	Scriber	3-1/2 to 7in.	1			-		
EMT3/4  1	Try square plan			<u> </u>			-	
1   1   1   1   1   1   1   1   1   1	Conduit bender with handle	EMT3/4	1			-		
Satin Finish 12" Rule,  1 5 Satin Finish 12" Rule,  1 1	Hand Hydraulic Pipe Bender 50NB Cap.		1-4					
Satin Finish 12" Rule.  1	Tools 8-Piece Spring-Type Tube Bender Set		1					
Satin Finish 12" Rule.  1	12-200mm Chain Pipe Vice		1					
Satin Finish 12" Rule.  1	Pipe Vice Outfit						1	
5m/16ft     1       12" 300mm 8, 6" 150mm     1       180cm     1       1     1       1     1       -A-NM6     1       -P-NM     1       Cutting Nozzle - A-FN     1       Pre-Packed Hose 5 mm PortaPak     1       Pre-Packed Hose 8 mm Industrial     1       Pre-Packed Hose 8 mm Industrial     1       1     1       Pre-Packed Hose 8 mm Industrial     1       1     1       Pre-Packed Hose 8 mm Industrial     1       1     1	Starrett Standard Size Combination Squares							
12" 300mm & 6" 150mm 1	0-33-553 Powerlock Tape Measure	5m/16ft						
180cm	Stainless Steel Metal Ruler Rule	5	1				-	
1   1   1   1   1   1   1   1   1   1	Spirit Level STB-70-2-2-180	180cm	1					
1   1   1   1   1   1   1   1   1   1	Oxygen Multi-Stage Regulator							
1	Acetylene Multi-Stage Regulator		1			-	-	
- A-NM6 - A-NM6 - A-NM6 - P-NM Cutting Nozzle - A-FN 1 1 Cutting Nozzle - A-FN 1 1 1 Pre-Packed Hose 5 mm PortaPak 1 Pre-Packed Hose 8 mm Industrial 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Universal® Cutting Torch 500 mm - 90 deg		11					
- A-NM6  - A-NM6  - A-NM6  - P-NM  Cutting Nozzle – A-FN  1  1  Pre-Packed Hose 5 mm PortaPak  Pre-Packed Hose 8 mm Industrial  1  Pre-Packed Hose 8 mm Industrial  1  1  1  1  1  1  1  1  1  1  1  1  1	Flashback Arrestor F7		П				-	
-A-NM6       -A-NM6       - P-NM       Lutting Nozzle - A-FN       1       Cutting Nozzle - A-FN       1       I       Pre-Packed Hose 5 mm PortaPak       Pre-Packed Hose 8 mm Industrial       1       Pre-Packed Hose 8 mm Industrial       1       2       3       4       4       5       6       8       8	Torch Mounted		1					
-A-NM6     1     6     -P-NM       - P-NM     1     6     6       Cutting Nozzle - A-FN     1     6     6       Pre-Packed Hose 5 mm PortaPak     1     6     6       Pre-Packed Hose 8 mm Industrial     1     6     6       Pre-Packed Hose 8 mm Industrial     1     6     6       1     1     6     6     6       1     1     6     6     6       1     1     6     6     6       1     1     6     6     6       1     1     6     7     6       1     1     6     7     7     6       1     1     6     7     7     7       1     1     6     7     7     7     7       1<	Acetylene Hand Cutting	– A-NM6	H				-	
-P-NM       1       6       1 <td>Acetylene Machine Cutting</td> <td>- A-NM6</td> <td>1</td> <td></td> <td></td> <td></td> <td></td> <td></td>	Acetylene Machine Cutting	- A-NM6	1					
Cutting Nozzle – A-FN       1       6       7       7         Pre-Packed Hose 5 mm PortaPak       1       1       1         Pre-Packed Hose 8 mm Industrial       1       1       1         1       1       1       1       1         1       1       1       1       1       1         Page 3	LPG Cutting	– P-NM					-	
Pre-Packed Hose 5 mm PortaPak       1   <t< td=""><td>type 2 Torch Welding</td><td>Cutting Nozzle – A-FN</td><td></td><td></td><td></td><td></td><td></td><td></td></t<>	type 2 Torch Welding	Cutting Nozzle – A-FN						
Pre-Packed Hose 5 mm PortaPak       1   <t< td=""><td>PortaPak</td><td></td><td>H</td><td></td><td></td><td></td><td></td><td></td></t<>	PortaPak		H					
Pre-Packed Hose 5 mm PortaPak       1       6       6       6       6       6       6       6       6       6       6       7       7       7       8       8       8       8       8       8       8       8       9 <t< td=""><td>Complete PortaPak with Accessory Kit</td><td></td><td></td><td></td><td></td><td></td><td>-</td><td></td></t<>	Complete PortaPak with Accessory Kit						-	
Pre-Packed Hose 8 mm Industrial       1       6       6       7       6       7       7       8       8       8       8       8       8       8       8       8       9	Acerylene cylinder - INCLUDED						-	
Pre-Packed Hose 5 mm Portabak       1       6       7       6       7       7       8       8       8       8       8       8       8       8       8       8       8       8       9 <t< td=""><td>Oxygen cylinder - INCLUDED</td><td></td><td></td><td></td><td></td><td>-</td><td>-</td><td></td></t<>	Oxygen cylinder - INCLUDED					-	-	
Pre-Packed Hose 8 mm Industrial 1	Type 2 Economy Outfit	l LO						
1 1	Cut-to-Length Handigas Hose (Neoprene)	$\infty$	-				-	
1	Hose Connection Kits		H					
1	'o' Clips							
Total R R R R R R R R R R R R R R R R R R R	Parallel Clips					-		
Total R R R R R R	With all accessories and included Argon bottle							
3 year periot Total			_	~	~	~	~	~
		Page 3			3 year perior	t Total	22	

Silling acoustic against		1					_	
Hose Connection Nuts							-	
Flux Brazing M15						1	1	
Easy-Flo (Ordinary Grade)		-				<u> </u>		1
Welding Goggles Lift-Front (Shade 4)						+		
Afrox Hush Disposable						1		
Uncorded Earplug Box						+		
Red Heat Resistant Gloves	•	-						
Dust Mask Valve FF2 P.Box		-						
3M Respirator Facepiece								
Helmet AOX Elite XL					-	1	-	
Self-Darkening								
Electronic Lens for Afrox		-		-	 	-		
Industrial								
Leather Apron		-				-		
Triple Flint Spark Lighter					-	-	+	
Nozzle Cleaners (Standard)							-	
Electrode Holder		-				-		
TRC - Jackson Type		-						
Chain Block 5 Tonne Engine Lifting Gear		-						
High Tensile Stainless Steel D Shackles		-						
SILVERLINE CARGO SLINGS 2 TON		-				1		
Consumables							1	
Earth Clamps for dry conditions	50-75mm 12-32mm	1						
	32-50mm							
COFFING JLC TROLLEY SUSPENSION	1 TON							
ELECTRIC CHAIN HOIST,		+						
Earth Clamps for all conditions	12-32mm 50-75mm	7-4						
Wire Brush Set Auto Engineer's 3pc		1				1		
welding chipping hammer with brush		-				-		
Digital Voltmeter Ohmmeter Ammeter Multimeter		-				-		
OHM DC AC Voltage Current Tester								
Pulse generator With all accessories	25 - 50 MHz	1						
OSCILLOSCOPE "HAMEG" HM507	SOMHZ	1					-	
		Total	R	~	~	~	2	
							1	

Exercised provide productive	ANALOGIQUE/NUMÉRIQUE With all accessories	cessories	-					-		
Page 12   Page 12   Page 12	Frequency counter	With all accessories				<u> </u>				T
Testing	Electrical power supply					 		 		
Treatistance and continuity tester  Treatistance and continuity tester  Treatistance and continuity tester  1	UT71E Intelligent Digital Multimeters Ur	ni-T	1					-		1
## Caresorties   Insulation resistance and continuity tesi					1		1			
1	With all accessories							1		
SB2 OF Port with 2 Clamps and 4 Current   Clamps and 4 Current	Intelligent Earth Resistance Tester						1	+		
tic - With all accessories  of lage and DC Polarity Taster  locasories  amoux CA6030  SuV/100V/250V/500V/1000V  amoux CA6030  SuV/100V/250V/500V/1000V  1	Meter USB2.0 Port with 2 Clamps	and 4 Current						1		T
1	Leakage kit - With all accessories									T
Magint 3-12 lbs   Meight 3-1	AC/DC Voltage and DC Polarity Tes	ster	-							
Motor Rotation Test Set   Weight 3-1/2 lbs   Amount Cade30   50V/100V/250V/500V/1000V   1	With all accessories									
Sevinowing	Phase and Motor Rotation Test Set	Weight 3-1/2 lbs								
Total PSC tester   Coessories	Chauvin arnoux CA6030	50V/100V/250V/500V/1000V								
Total Reserved	Digital RCD/loop PSC tester						1			
1	With all accessories									
150,300,600 A	Insulation Testers							+		
15   10.0 50.0KG   1   1   1   1   1   1   1   1   1	Earth Clamp - Crocodile	150,300,600 A	[ <del>                                     </del>							
13.6 , 10.0 , 59.0, 785.0 NG	Refrigerants	10.0 50.0KG						+		
ts 33.6,10.0,60.0,850.0 KG	Refrigerants	13.6 ,10.0 ,59.0,785.0KG						1		T
8,5 kg cylinder 15x11,5 kg MCP 1	Refrigerants	13.6,10.0,60.0,850.0 KG						+		
Total R R R R R	Laser Gas	8,5 kg cylinder								T
. Total R R R R R		15x11,5 kg MCP								T
Total R R R R R										T
Total R R R R R										
Total R R R R R										
Total R R R R R								-		T
Total R R R R										T
Total R R R R R										
Total R R R R R										
Total R R R R										
Total R R R R										
Total R R R R R R										
Total R R R R R										T
2 vapy provint Tokal		•	Total	8	~	<u>~</u>	~	~	Δ.	T
		Page 5				3 veav povíc	Total	2 0	4	T

	Angle grinder		-						-	
	Angle grinder	1,400W	1		-					
	Depressed Centre Wheel	125mm	-		1	-				
	Abrasive Disc	125mm								
	Diamond Wheel	125mm								
	No Load Speed	2,800 -12,000 r/min								
	Net Weight		<u> </u>							
	Power Supply Cord	2.5m								
	Angle grinder		-							
	Angle grinder	2,600W								
	Depressed Centre Wheel	230mm								
	Wire Cup Brush	110mm								
	Cut-off Wheel	230mm								
	No Load Speed	6,600 r/min								
	Net Weight	6.7kg								
	Power Supply Cord	2.5m								
	Straight grinder		-							
	Straight grinder	750W								
	Wheel Diameter	125mm								
	Hole Diameter	20mm								
	No Load Speed	5,600r/min								
	Net Weight	5.0kg								
	Power Supply	Cord 2,5m								
	Die grinders		-							
	Die grinders	400W							-	
	Collet Capacity	6.35mm								
	No Load Speed	25,000 r/min								
- 1	Net weight	1.7kg								
	Power Supply Cord	2.5m								
	Small circumference housing								-	
	for easy handling									
	Insulation Tape									
	Pack of 8 Mixed Colours black , white , red ,yellow ,	10M x 19mm	11							
	green , blue ,grey, brown									
			Total	~	~	~	~	<u>«</u>	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	2
				7				:		<u> </u>

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3 year periot Total

							-	
	un m						+	
	(6mm or 8mm)							
	U					-		
	1,800 - 7,000 r/min						-	
							-	
							-	
With high torque, ideal for grinding							-	
internal surfaces removing paint etc.							-	
using flap wheel discs.								
Impact drills (with hammer action)		H					-	
Impact drills 710W							+	
Concrete 16mm								
Steel 13mm							-	
Wood 30mm								
No Load Speed 0 - 3,20	0 - 3,200 r/min						-	
Impacts per Minute 0 - 48,000	000,							
Net Weight 2.1kg							-	
Power Supply Cord 2m								
High power motor.								
Impact drills		1						
Impact drills Heavy Duty Variable Speed R&L 2-Speed 1,010W	W							
Concrete 20mm							-	
Steel Hi: 8mm Lo:							-	
Wood Hi: 25mm Lo:							-	
No Load Speed Hi: 0 - 2,90	0 - 2,900 r/min							
Lo: 0 - 1,20	0 - 1,200 r/min							
Impacts per Minute Hi: 0 - 58,000	000							
Lo: 0 - 24,000	000							
Net Weight 2.5kg							-	
Power Supply Cord 2.5m								
Power in a slender & compact body.								
	•	Total					-	
			Y	¥	¥	¥	Υ.	X.

	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			1					
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1	JIG SAWS	720W						
in the state of th	i i i i i i i i i i i i i i i i i i i	Length of Stroke	Z6mm						
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1	Max. Cutting Capacities						-	
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1	In Wood at	90° 135mm						
in the state of th		In Steel at	90° 10mm						
i i i i i i i i i i i i i i i i i i i	i 1	Strokes per Minute	800 - 2,800						
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1	Net Weight	2.6kg						
i 1	1	Power Supply Cord	2,5m						
Total R R R R R R R R R R R R R R R R R R R	1	Recipro Saw, Orbital		1-4					
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	a Score 3 Core 3 Core 3 Core 6	Recipro Saw, Orbital	1,510W						
1 1	a Score 3 Core 3 Core 3 Core 4 Core 5 Core 6 Core 7 Core 7 Core 7 Core 8 Core 9 Core 9 Core 1	In Pipe	130mm						
ories 3 Core 3 Core 3 Core 1 Total R R R R R R	a Core 3 Core 3 Core 3 Core 4 Core 4 Core 5 Core 6 Core 7 Core 7 Core 7 Core 7 Core 7 Core 8 Core 7 Core 8 Core 8 Core 9 Core 9 Core 1	In Wood	255mm						
a Core 3 Core 3 Core 3 Core 4 Core 4 Core 5 Core 6 Core 7 Core 7 Core 7 Core 7 Core 7 Core 7 Core 8 Core 7 Core 8 Core 8 Core 9 Core 9 Core 1	3 Core 3 Core 7 Total R R R R R R R R R R	Length of Stroke	32mm						
a Core 3 Core 3 Core 5 3 Core 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	1	Strokes per Minute	0 - 2,800						
1	1	Net Weight	4.6kg						
1	1   1	Power Supply Cord	2.5m						
a Core 3 Core 3 Core 4 Core 4 Core 5 Core 6 Core 7 Core 7 Core 7 Core 7 Core 7 Core 8 Core 7 Core 8 Core 9 Core 7 Core 7 Core 8 Core 9 Core 7 Core 8 Core 9 Core 9 Core 1	and the state of t	Rotary hammers drill							
3 Core 3 Core 7 Total R R R R R R R R R R R R R R R R R R R	3 Core 3 Core 3 Core 3 Core 4 Core 5 Core 6 Core 7 Core 8 Core 8 Core 8 Core 8 Core 9	Rotary hammers drill:19.7 Joules	1,500W						
3 Core 3 Core 3 Core 4 Core 5 Core 6 Core 7 Core 8 Core 7 Core 8 Core 7 Core 8 Core 8 Core 8 Core 9 Core 9 Core 9 Core 1	1 ories 3 Core 3 Core 3 Core 4 Orientes 4 Orientes 5 Orientes 6 Orientes 7 Or	2 Operation Modes:							
3 Core 3 Core 3 Core 4 Core 5 Core 6 Core 7 Core 8 Core 7 Core 8 Core 7 Core 8 Core 8 Core 8 Core 9	a Score 3 Core 3 Core 3 Total 8 R R R R R R	Hammering with rotation (for drilling)							
3 Core 3 Core 3 Core 4 Core 5 Core 6 Core 7 Core	a Score 3 Core 3 Core 3 Total 8 R R R R R	Hammering only (for chipping & breaking)							
3 Core 3 Core 7 Total R R R R R R R R R R R R R R R R R R R	and the state of t	Max. Bit Diameter	52mm						
3 Core 3 Core 5 Total R R R R R R R R R R R R R R R R R R R	3 Core 3 Core 5 Dimm Total R R R R R R R R	No Load Speed	130 - 260 r/min						
3 Core 3 Core 5	3 Core 3 Core 9 Dmm Total R R R R R R R	Blows per Minute	1,075-2,150						
3 Core 3 Core 3 Core 4 Core 5 Core 7 Core	3 Core 4 Core 5 Core 6 Core 7 Core 7 Core 8 Core 8 Core 8 Core 8 Core 9 Core 1	Net Weight	12.2kg						
3 Core 3 Core 3 Core 7 Total R R R R R R R R R R R R R R R R R R R	3 Core 3 Core 3 Core 5 Damm Total R R R R R R R R R	Power Supply Cord	5m						
3 Core 3 Core 3 Core 7 Total R R R R R R R R R R R R R R R R R R R	3 Core       3 Core       6       7       8       9 <th< td=""><td>High performance and low vibration.</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></th<>	High performance and low vibration.							
3 Core 3 Core 3 Core 1	3 Core 3 Core 3 Core 1 Core 3 Core 1	CDP5DD Drill Press	With all accessories						
3 Core 3 Core Total R R R R R R R R R R R R R R R R R R R	3 Core 3 Core Total R R R R R R R R R R R R R R R R R R R	SWA Single Phase Armoured Cable	1.5mm2 x 25m 3 Core						
3 Core	3 Core  Jimm Total R R R R R R	SWA Single Phase Armoured Cable	2.5mm2 x 25m 3 Core					-	
125mm 845 x 410 x 780mm Total R R R R	125mm       845 x 410 x 780mm     Total R R R R R	SWA Single Phase Armoured Cable 4.0mm2 x	3						
845 x 410 x 780mm Total R R R R R	845 x 410 x 780mm Total R R R R R	ENGINEERS VICE	125mm					-	
R R R R	Total R R R R R	3 Tier Tool Trolley	845 x 410 x 780mm						
					æ	<u>к</u>	~	B.	α.

		<b>⊣</b>				_		
Wheel dia, —	205mm x 19mm (8" x 3/4")						-	
Hole dia	15.88mm (5/8")					-	-	
Input –	220v			1		-		
Horse power –	550W						1	
No load speed –	2,850rpm (50Hz), 3,450rpm (60Hz)							
Dimensions -	395mm x 265mm x 333mm,						-	
Net weight	0.5kg (45.1lbs)					-		
Pedestal Drilling Machine								
Drilling Capacity	13mm					-		
Spindle Stroke	50mm						-	
Spindle Taper	J6						-	
Distance from Column to Spindle	103mm			1				
Distance from Base to Spindle	419mm						-	
Distance from Spindle to Table	190mm						-	
Table Size	162mm x 162mm						-	
Tilt of Table	45 Deg						-	
Rotation of Table	360 Deg						-	
Hand or Sack Truck		-					+	
Closed height	730mm			-			+	
Extended height	1080mm						-	
Plate size	245 x 360mm						-	
Maximum capacity	90kg						-	
Unladen weight	6kg							
Heavy Duty Soft Grip Hacksaw Frame	300mm						-	-
300mm Bi-Metal Hacksaw Blades	TPI 18,24,32							
3 piece Deburring and Chamfering	10.5mm							
Tool Set		1						
Mini Hook and Pick Set	4 piece							
Concertina Gazebos	3M x 3M						-	
Multi-Purpose Magnetic Holder	155 x 13 x 100mm							
Electricians Bolster with Hand Guard	225 x 60mm							
Point Chisel with Hand Guard	300 x 32mm						-	
Cold Chisels with Hand Guard	19 X 250MM							
AND RELATED TO	AND RELATED TOOLS AND MATERIAL	Total R	~	~	LX.	2	<u></u>	٥
							-	_

1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1	SDS Max Hammer Drill Bit (4Point)		-			
1	1	400mm x 20mm				-	
1	1	400mm x 22mm	1				
1	1	400mm x 24mm			1		
1	1	400mm x 25mm					
1	1	400mm x 26mm			1	-	
1	1	400mm x 28mm			+		
Decision of the content of the conte	The continuence of the continu	400mm x 30mm			1		
1	Languigne and hammer drill bit set   1   1   1   1   1   1   1   1   1	400mm x 32mm	1		+		
Deficie Tip SDS Plus Masonry Hammer Drill Bit  1	In chicket and harmoner drill bit set  Intidio TID SDS Plus Masonry Harmoner Drill Bit  In I I I I I I I I I I I I I I I I I I	400mm x 35mm	1		1		
In the Tip SDS Plus Masonry Hammer Drill Bit  In I	1	5-piece SDS-plus chisel and hammer drill bit set					
1	1	Tungsten Carbide Tip SDS Plus Masonry Hammer Drill Bit				-	
1	1	210mm x 5mm					
1	1	210mm x 6mm					
1	1	210mm x 8mm	1		-		
1	1	210mm x 10mm				1	
1	1	210mm x 12mm	T		-		
1	1	210mm x 14mm	,				
1	1	210mm x 16mm					
1	1	210mm x 20mm					
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1	210mm x 22mm	I			-	
1	1	160mm x 5mm	7				
1	1	160mm x 6mm	1				
1	1	160mm x 8mm					
1	1	160mm x 10mm	-				
1	1	160mm x 12mm	1			-	
1	1	160mm x 14mm	Ţ.				
1	1 1	160mm x 16mm	1				
1	1	160mm x 20mm	1				
1     1       1 <td>  1</td> <td>160mm x 22mm</td> <td>1</td> <td></td> <td></td> <td></td> <td></td>	1	160mm x 22mm	1				
1 1	1	110mm x 5mm	1			-	
1	1	110mm x 6mm	T				
Total R R R R R	Total R R R R R R R R R R R R R R R R R R R	110mm x 8mm	1				
Total R R R R	Total R R R R R R R R R R R R R R R R R R R					-	
	3 year periot Total			~	R	R	~

110mm x 12mm 110mm x 16mm 110mm 110mm x 16mm						
	_	_	_			
	1				-	
LTUMM X ZUMM					1	
110mm x 22mm						
450mm x 10mm						
450mm x 12mm						
450mm x 14mm						
450mm x 16mm					-	
450mm x 20mm					-	
450mm x 22mm					-	
FibreGlass Ladders					-	
Heavy duty conductive step ladders is recommended for industrial applications wich entail						
working around electrical current. Triangular Solid PVC gusted. 115kg safe working load,					-	
					-	
8 Step: 11,22kg						
10 Step: 13,90kg						
12 Step 1					-	
16 Step						
6.3 kVA (5 KW) Standby Petrol Generator						
A petrol powered electricity generator. A good solid size to provide backup power to an						
average sized household, power generators carries a badge of surplus quality assurance.						
A machine that can be relied on, holds no equal. Sourced from the best generator supplier worldwide						
Rated Voltage: 220V (Single Phase) @ 50 hz Power Output: 6.3 kVA (5 KW)						
Current Output: 22A AVR FITTED						
DC Output: 12V 8.3A						
Engine: Electric Start (Key) & Recoil Start, Air-cooled, 4 stroke, OHV, Single Cylinder						
Aprox. Running Time: 4 - 6 Hours, Fuel Consumption: 2.2 l/ph @ Full Load						
Displacement: 389 cc, 22L Petrol Tank Capacity, Oil (SAE 30): 1.1 L,Sound Level: 71 db (A)						
Total Weight: 79KG, Dimensions (cm): 69x54x57						
C Index	c		c			
logi		2	¥	¥	¥	×
Page 11			3 year periot Total	ot Total	~	

1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Demolition Bars						
incharger in the property of the property of the property in t	Chisel Point Crowbar	1,5M	-				
in the second control of the second control	Pry Bar/Nail Puller	250mm					
in the state of th	Soft grip pry bar set	4 piece	1				
I 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Heel Bar	450mm					
i tharger  i tharger  i tharger  incharger	Wrecking Bars	450mm	1				
charger  m charger  1		600mm					
i. charger  m charger  m charger  1 charger	Cordless Rotary Hammer		1				
incharger 1 1	Cordless Rotary Hammer	18V SDS+					
charger 1  m charger 1  m charger 1  charger 1  h charger 1  h charger 1  h h h h h h h h h h h h h h h h h h	Concrete	20mm					
i. I charger  In the reger  han the r	Steel	13mm					
incharger 1	Wood	26mm					
tharger  In tharge	No Load Speed	0-1,100r/min					
tharger  In tharge	Blows per Minute	0-4,000					
charger 1  m charger 1  charger 1  charger 1  h charger 1  h d: 76mm Masonry: 16mm 0,2,3kg charger 1  n / 2,3kg ch	Net Weight	3.5kg .					
m charger 1	Include 2 Batteries 18V ( Li-Ion 6	모					
charger 1	Cordless Angle Drill		-				
charger 1	Voltage	18V 3.0Ah					
charger 1  charger 1  charger 1  h  h  h  h  h  h  h  h  h  h  h  h  h	Capacity Steel:	ġ					
charger 1 1	No load speed (r/min)						
charger         1           charger         1           charger         1           h         1           30,000 Lo: 0-6,000         1           58N.m         1           n / 2.3kg         1           charger         1           1         1           20,000 Lo: 0-6,000         1           30,000 Lo: 0-6,000         1           1 - Cash R         1	Dimensions (LxWxH)	314 x 79 x 115mm					T
charger  h  charger  h  ad: 76mm Masonry: 16mm  39,000 Lo: 0-6,000  : 58N.m  n / 2.3kg  charger  Total R  R  R  R  R  R  R  R  R  R  R  R  R	Include 2 Batteries 18V ( Li-Ion 6	.0Ah (slide battery)) with fuel gauge and charger					
charger  h  od: 76mm Masonry: 16mm 39,000 Lo: 0-6,000 : 58N.m  n / 2.3kg  charger  Total R  R  R  R  R  R  R  R  R  R  R  R  R	Cordless Vacuum Cleaner		-				
charger  h  bd: 76mm Masonry: 16mm 30,000 Lo: 0-6,000 30,000 Lo: 0-6,0	Max. Peak Air Flow	3.4m3/min					
charger 1 h h od: 76mm Masonry: 16mm 30,000 Lo: 0-6,000 :: 58N.m n / 2.3kg charger Total R R R R R B	Max, Sealed Suction	5.5kpa					
charger  h  nd: 76mm Masonry: 16mm 39,000 Lo: 0-6,000 :: 58N.m  n / 2.3kg  charger  Total R  R  R  R  R  R  R  R  R  R  R  R  R	Recoverable Capacity Dust:	3.0L					
charger 1  h  nd: 76mm Masonry: 16mm 39,000 Lo: 0-6,000 :: 58N.m  n / 2.3kg  charger 7 Total R R R R R R	Net Weight	2.2kg			1,72		
h bd: 76mm Masonry: 16mm 30,000 Lo: 0-6,000 :: 58N.m	Include 2 Batteries 18V ( Li-Ion 6.	lσ					
10d: 76mm Masonry: 16mm	18V Cordless Impact Driver D						
30,000 Lo: 0-6,000	Voltage	18V 3.0Ah / 4.0Ah					
30,000 Lo: 0-6,000 :: 58N.m :: 58N.m :: 70tal R R R R R R R R R	Capacity	Steel: 13mm Wood: 76mm Masonry: 16mm					
: 58N.m n / 2.3kg charger Total R R R R B	No load speed / Impacts per min,	HI: 0-2,000r/min Lo: 0-400r/min / Hi:0-30,000 Lo: 0-6,000					
n / 2.3kg Total R R R R D	Max. fastening torque	Hard: 91N.m Soft: 58N.m					T
charger Total R R R R P	Dimensions (LxWxH) / Net weight	: 225 x 79 x 259mm / 2.3kg					
	Include 2 Batteries 18V ( Li-Ion 6.	.0Ah (slide battery)) with fuel gauge and charger	1	~	~	9	T

~

3 year periot Total



### PA-11: BIDDER'S DISCLOSURE

### 1. PURPOSE OF THE FORM

Any person (natural or juristic) may make an offer or offers in terms of this invitation to bid. In line with the principles of transparency, accountability, impartiality, and ethics as enshrined in the Constitution of the Republic of South Africa and further expressed in various pieces of legislation, it is required for the bidder to make this declaration in respect of the details required hereunder.

	the bidder to make this decl	ica and further expressed in various aration in respect of the details requ	s pieces of legislation, it is required fo ired hereunder.
	Where a person/s are liste Suppliers, that person will a	d in the Register for Tender Defautomatically be disqualified from the	ulters and / or the List of Restricted bid process.
2.	BIDDER'S DECLARATION		
2.1	Is the bidder, or any of its dir a controlling interest <sup>3</sup> in the	rectors / trustees / shareholders / me enterprise, employed by the state?	embers / partners or any person having
2.1.1	If so, furnish particulars of t numbers of sole proprietor/ o a controlling interest in the e	lirectors / trustees / shareholders / m	ers, and, if applicable, state employed embers/ partners or any person having
Full	Name	Identity Number	Name of State institution
alterna	power, by one person or a atively, the person/s having the enterprise.	a group of persons holding the mane deciding vote or power to influence	ajority of the equity of an enterprise, e or to direct the course and decisions

Any reference to words "Bid" or Bidder" herein and/or in any other documentation shall be construed to have the same meaning as the words "Tender" or "Tenderer".
For External Use



2.2	Do you, or any person connected with the bidder, have a relationship with any person who is yed by the procuring institution?
emplo	YES No
2.2.1	If so, furnish particulars:
	5
2.3	Does the bidder or any of its directors / trustees / shareholders / members / partners or any person having a controlling interest in the enterprise have any interest in any other related enterprise whether or not they are bidding for this contract?
2.3.1	If so, furnish particulars:
3.	DECLARATION
	I, the undersigned, (name)
3.1	I have read and I understand the contents of this disclosure;
3.2	I understand that the accompanying bid will be disqualified if this disclosure is found not to be true and complete in every respect;
3.3	The bidder has arrived at the accompanying bid independently from, and without consultation communication, agreement or arrangement with any competitor. However, communication between partners in a joint venture or consortium <sup>4</sup> will not be construed as collusive bidding.
3.4	In addition, there have been no consultations, communications, agreements or arrangements with any competitor regarding the quality, quantity, specifications, prices, including methods, factors of formulas used to calculate prices, market allocation, the intention or decision to submit or not to submit the bid, bidding with the intention not to win the bid and conditions or delivery particulars of the products or services to which this bid invitation relates.
3.5	The terms of the accompanying bid have not been, and will not be, disclosed by the bidder, directly or indirectly, to any competitor, prior to the date and time of the official bid opening or of the awarding of the contract.
3.6	There have been no consultations, communications, agreements or arrangements made by the bidder with any official of the procuring institution in relation to this procurement process prior to and during the bidding process except to provide clarification on the bid submitted where so required by the institution; and the bidder was not involved in the drafting of the specifications or terms or reference for this bid.
<sup>4</sup> Joint propert	venture or Consortium means an association of persons for the purpose of combining their expertise, y, capital, efforts, skill and knowledge in an activity for the execution of a contract.

Any reference to words "Bid" or Bidder" herein and/or in any other documentation shall be construed to have the same meaning as the words "Tender" or "Tenderer". For External Use





3.7 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.

I DECLARE THAT THE INFORMATION FURNISHED IN PARAGRAPHS 1, 2 and 3 ABOVE IS CORRECT. I ACCEPT THAT THE STATE MAY REJECT THE BID OR ACT AGAINST ME IN TERMS OF PARAGRAPH 6 OF PFMA SCM INSTRUCTION 03 OF 2021/22 ON PREVENTING AND COMBATING ABUSE IN THE SUPPLY CHAIN MANAGEMENT SYSTEM SHOULD THIS DECLARATION PROVE TO BE FALSE.

Name of Bidder	Signature	Date	Position

This form is aligned to SBD 4.



### PA-15.1: RESOLUTION OF BOARD OF DIRECTORS

(leg	gally correct full name and registration number, if applicable	of the Enterprise)
He	eld at	(place)
on		(date)
RE	ESOLVED that:	
1	The Enterprise submits a Tender to the Departm	nent of Public Works in respect of the following project:
	(project description as per Tender Document)	
	Tender Number:	(Tender Number as per Tender Document,
2	*Mr/Mrs/Ms:	
	in *his/her Capacity as:	
	and who will sign as follows:	

in connection with and relating to the Tender, as well as to sign any Contract, and any and all documentation, resulting from the award of the Tender to the Enterprise mentioned above.



	Name	Capacity	Signature
1		•	
2			
3			
4			
5			
6			
7			
8			
9			
10			
11			
12			T-
13			
14			
15			
16			
17			
18			
19			
20			

### Note:

- 1. \* Delete which is not applicable.
- 2. NB: This resolution must, where possible, be signed by all the Directors / Members / Partners of the Tendering Enterprise.
- In the event that paragraph 2 cannot be complied with, the resolution must be signed by Directors / Members / Partners holding a majority of the shares / ownership of the Tendering Enterprise (attach proof of shareholding / ownership hereto).
- 4. Directors / Members / Partners of the Tendering Enterprise may alternatively appoint a person to sign this document on behalf of the Tendering Enterprise, which person must be so authorized by way of a duly completed power of attorney, signed by the Directors / Members / Partners holding a majority of the shares / ownership of the Tendering Enterprise (proof of shareholding / ownership and power of attorney are to be attached hereto).
- Should the number of Directors / Members / Partners exceed the space available above, additional names and signatures must be supplied on a separate page.



### PA-15.2: RESOLUTION OF BOARD OF DIRECTORS TO ENTER INTO **CONSORTIA OR JOINT VENTURES**

KE	SOLUTION of a meeting of the Board of *Directors / Members / Partners of:
(leg	rally correct full name and registration number, if applicable, of the Enterprise)
	ld at(place)
	(date)
	SOLVED that:
1.	The Enterprise submits a Tender, in consortium/joint venture with the following Enterprises:
	(list all the legally correct full names and registration numbers, if applicable, of the Enterprises forming the consortium/joint venture) to the Department of Public Works in respect of the following project:
	(project description as per Tender Document)  Tondor Number:
1	Tender Number:(Tender Number as per Tender Document)  *Mr/Mrs/Ms:
	in *his/her Capacity as:(Position in the Enterprise)
	and who will sign as follows:
	be, and is hereby, authorised to sign a consortium/joint venture agreement with the parties listed under item 1 above, and any and all other documents and/or correspondence in connection with and relating to the consortium/joint venture, in respect of the project described under item 1 above.
2	The Enterprise accept joint and several liability with the parties listed under item 1 above for the due fulfilment of the obligations of the joint venture deriving from, and in any way connected with, the Contract to be entered into with the Department in respect of the project described under item 1 above.
3	The Enterprise chooses as its <i>domicilium citandi et executandi</i> for all purposes arising from this joint venture agreement and the Contract with the Department in respect of the project under item 1 above:
	Physical address:
	Postal Code



Postal Address:	
	Postal Code
Telephone number:	Fax number:

	Name	Capacity	Signature
1			
2			
3			
4			
5			
6			
7			
8			
9			
10			

The tendering enterprise hereby absolves the Department of Public Works from any liability whatsoever that may arise as a result of this document being signed.

### Note:

- \* Delete which is not applicable.
- 2. NB: This resolution must, where possible, be signed by all the Directors / Members / Partners of the Tendering Enterprise.
- 3. In the event that paragraph 2 cannot be complied with, the resolution must be signed by Directors / Members / Partners holding a majority of the shares / ownership of the Tendering Enterprise (attach proof of shareholding / ownership hereto).
- 4. Directors / Members / Partners of the Tendering Enterprise may alternatively appoint a person to sign this document on behalf of the Tendering Enterprise, which person must be so authorized by way of a duly completed power of attorney, signed by the Directors / Members / Partners holding a majority of the shares / ownership of the Tendering Enterprise (proof of shareholding / ownership and power of attorney are to be attached hereto).
- 5. Should the number of Directors / Members / Partners exceed the space available above, additional names and signatures must be supplied on a separate page.

**ENTERPRISE STAMP** 



### PA-15.3: SPECIAL RESOLUTION OF CONSORTIA OR JOINT VENTURES

RESOLUTION of a meeting of the duly authorised representatives of the following legal entities who have entered into a consortium/joint venture to jointly tender for the project mentioned below: (legally correct full names and registration numbers, if applicable, of the Enterprises forming a consortium/joint venture) 2 3 5 7 Held at **RESOLVED** that: A. The above-mentioned Enterprises submit a tender in consortium/joint venture to the Department of Public Works & Infrastructure in respect of the following project:

\_\_\_\_\_\_(tender number as per Tender

(project description as per Tender Document)

Tender Number:

Document)



В.	Mr/Mrs/Ms;			
	in *his/her Capacity as:(position in theEnterprise)			
	and who will sign as follows:			
	be, and is hereby, authorised to sign the tender, and any and all other documents and/or correspondence in connection with and relating to the tender, as well as to sign any Contract, and any and all documentation, resulting from the award of the tender to the Enterprises in consortium/joint venture mentioned above.			
C.	The Enterprises constituting the consortium/joint venture, notwithstanding its composition, shall conduct all business under the name and style of:			
D.	The Enterprises to the consortium/joint venture accept joint and several liability for the due fulfilment of the obligations of the consortium/joint venture deriving from, and in any way connected with, the Contract entered into with the Department in respect of the project described under item A above.			
E.	E. Any of the Enterprises to the consortium/joint venture intending to terminate the consortium/joint venture agreement, for whatever reason, shall give the Department 30 days' written notice of such inte Notwithstanding such decision to terminate, the Enterprises shall remain jointly and severally liable Department for the due fulfilment of the obligations of the consortium/joint venture as mentioned item D above.			
F.	No Enterprise to the consortium/joint venture shall, without the prior written consent of the other Enterprises to the consortium/joint venture and of the Department, cede any of its rights or assign any of its obligations under the consortium/joint venture agreement in relation to the Contract with the Department referred to herein.			
G.	The Enterprises choose as the <i>domicilium citandi et executandi</i> of the consortium/joint venture for all purposes arising from the consortium/joint venture agreement and the Contract with the Department in respect of the project under item A above:			
	Physical address:			
	•			
	Postal Code			
	Postal Address:			
	Postal Code			
	Telephone number Fax number:			
	E-mail address:			



REF	Name	Capacity	Signature
1			
2			
3			
4			
5			
6			
7			
8			
9			
10			
11			
12			
13			

The tendering enterprise hereby absolves the Department of Public Works & Infrastructure from any liability whatsoever that may arise as a result of this document being signed.

### Note:

- \* Delete which is not applicable.
- 2. **NB**: This resolution must be signed by <u>all</u> the Duly Authorised Representatives of the Legal Entities to the consortium/joint venture submitting this tender, as named in item 2 of Resolution PA-15.2.
- Should the number of the Duly Authorised Representatives of the Legal Entities joining forces in this tender exceed the
- space available above, additional names, capacity and signatures must be supplied on a separate page.

  4. Resolution PA-15.2, duly completed and signed, from the separate Enterprises who participate in this consortium/joint venture, must be attached to this Special Resolution (PA-15.3).



### **DPW-16. TENDER BRIEFING MEETING CERTIFICATE**

Project title:	SUPPLY AND DELIVERY OF ELECTRICAL MATERIALS AND TOOLS FOR PERIOD OF 36 MONTHS			
Tender / Quotation no:	PT-23-018	Reference no:	2104	
Date Bid Briefing Meeting	: N/A			
Time of Bid Briefing Meet	ing: N/A			
Venue: N/A				
This is to certify that I,				
representing				
attended the tender clarifica	tion meeting on:			
I further certify that I am s clarification meeting and tha this contract.	atisfied with the de at I understand the v	escription of the work and work to be done, as specif	d explanations given at the tender ied and implied, in the execution of	
Name of Tendere		Signature	Data	
Ivallie of Tenderel		Signature	Date	
Name of DPW Represe	ntative	Signature	Date	



### **DPW-21: RECORD OF ADDENDA TO TENDER DOCUMENTS**

Project title:	SUPPLY AND DELIVERY OF ELECTRICAL MATERIALS AND TOOLS FOR PERIOD OF 36 MONTHS		
Tender / Quotation no:	PT-23-018	Reference no:	2104

1. I / We confirm that the following communications received from the Department of Public Works before the submission of this tender offer, amending the tender documents, have been taken into account in this tender offer: (Attach additional pages if more space is required)

Date	Title or De	tails
1.		
2.		
3.		
4.		
5.		
5.		
7.		
3.		
Э.		
10.		
,		
Name of Tendere	Signature	Date

2. I / We confirm that no communications were received from the Department of Public Works before the submission of this tender offer, amending the tender documents.

Name of Tenderer	Signature	Date

Page 1 of 1 DPW-21 (EC)



## PA-40: DECLARATION OF DESIGNATED GROUPS FOR PREFERENTIAL **PROCUREMENT**

DT 00 040 Te Na

enger number: P1-23-018 ame of Tenderer					☐ EME <sup>2</sup>	☐ QSE3 ☐ Non	$\Box$ EME $^2$ $\Box$ QSE $^3$ $\Box$ Non EME/QSE (tick applicable box)	plicable box)
1. LIST ALL PROPRIETORS, MEMBERS OR SHAREHOLDERS BY NAME, IDENTITY NUMBER, CITIZENSHIP AND DESIGNATED GROUPS.	ORS, MEMBERS O	R SHAREHOLD	DERS BY NAME, IC	DENTITY NUMBER	R, CITIZENSHIP AI	ND DESIGNATED	GROUPS.	
Name and Surname #	Identity/ Passport number and Citizenship##	Percentage owned	Black	Indicate if youth	Indicate if woman	Indicate if person with disability	Indicate if living in rural / under developed area/township	Indicate if military veteran
1.			☐ Yes ☐ No	☐ Yes ☐ No	□ Yes □ No	☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No
2.			☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No
3.			☐ Yes ☐ No	☐ Yes ☐ No	□ Yes □ No	☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No
4.			☐ Yes ☐ No	☐ Yes ☐ No	□ Yes □ No	☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No
5.			☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No
.9			☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No
7.			☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No
89			☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No
6			☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No
10.			☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No

Where Owners are themselves a Company, Close Corporation, Partnership etc., identify the ownership of the Holding Company, together with Registration number State date of South African citizenship obtained (not applicable to persons born in South Africa) ##



### 1. DECLARATION:

The undersigned, who warrants that he/she is duly authorized to do so on behalf of the Tenderer, hereby confirms that:

- The information and particulars contained in this Affidavit are true and correct in all respects;
- The Broad-based Black Economic Empowerment Act, 2003 (Act 53 of 2003), Preferential Procurement Policy Framework Act, 2000 (Act 5 of 2000), the Preferential Procurement Regulations, 2022, National Small Business Act 102 of 1996 as amended and all documents pertaining to this Tender were studied and understood and that the above form was completed according to the definitions and information contained in said documents;
- The Tenderer understands that any intentional misrepresentation or fraudulent information provided herein shall disqualify the Tenderer's offer herein, as well as any other tender offer(s) of the Tenderer simultaneously being evaluated, or will entitle the Employer to cancel any Contract resulting from the Tenderer's offer herein; ന
- The Tenderer accepts that the Employer may exercise any other remedy it may have in law and in the Contract, including a claim for damages for having to accept a less favourable tender as a result of any such disqualification due to misrepresentation or fraudulent information provided herein;
- Any further documentary proof required by the Employer regarding the information provided herein, will be submitted to the Employer within the time period as may be set by the latter; Ŋ

## Date Signature Name of representative Signed by the Tenderer



# **DPW-09 PARTICULARS OF TENDERER'S PROJECTS**

Project title:	SUPPLY AND DELIVERY OF ELECTRICAL	ELECTRICAL MATERIALS AND TOOLS FOR PERIOD OF 36 MONTHS	36 MONTHS
Tender / Quotation no:	PT-23-018	Closing date: Monday, 30 October 2023	Time: 11:00 AM

Note: The Tenderer is required to furnish the following particulars and to attach additional pages if more space is required.

# 1. PARTICULARS OF THE TENDERER'S CURRENT AND PREVIOUS COMMITMENTS

### 1.1. Current projects

public works & infrastructure	Department: Public Works and Infrastructure REPUBLIC OF SOUTHAFRICA

Projects	_	2	ю.	4	ည်	9	7.	ω
Projects completed in the last 5 (five) years								
Name of Employer or Representative of Employer								
Contact tel. no.								
Contract sum of Project								
Scope of Services (Work stages	-eg 1 to 6)							
Date of appointment								
Date of completion								



### PA-16: 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
- 1.2 Preference Points System to be applied
- ☐ The applicable preference point system for this tender is the 80/20 preference point system.
- 1.3 Points for this tender shall be awarded for:
- 1.3.1 Price: Maximum 80 points
- 1.3.2 Specific Goals: Maximum 20 points
- 1.4 The maximum points for this tender are allocated as follows:

PREFERENCE POINTS SYSTEM	80/20
PRICE	80
SPECIFIC GOALS	20
Total points for Price and Specific Goals	100

### 1.5 Breakdown Allocation of Specific Goals Points

1.5.1 For procurement transactions with rand value greater than R1 Million and up to R50 Million (Inclusive of all applicable taxes) the specific goals as listed in the table below are applicable:

Serial No	Specific Goals	Preference Points allocated out of 20	Documentation to be submitted by bidders to validate their claim for points
1.	An EME or QSE or any entity which is at least 51% owned by black people	10	SANAS Accredited BBBEE Certificate or sworn affidavit where applicable.
2.	Located in a specific Local Municipality or District Municipality or Metro or Province area for work to be done or services to be rendered in that area	2	<ul> <li>Official Municipal Rates Statement which is in the name of the bidder.         Or         <ul> <li>Any Account or statement which is in the name of the Bidder.</li></ul></li></ul>



Serial No	Specific Goals	Preference Points allocated out of 20	Documentation to be submitted by bidders to validate their claim for points
			<ul> <li>Lease Agreement which is in the name of the bidder.</li> </ul>
3.	An EME or QSE or any entity which is at least 51% owned by black women	4	SANAS Accredited BBBEE Certificate or sworn affidavit where applicable.
4.	An EME or QSE or any entity which is at least 51% owned by black people with disability	2	<ul> <li>SANAS Accredited BBBEE Certificate or sworn affidavit where applicable. and</li> <li>Medical Certificate indicating that the disability is permanent or</li> <li>South African Social Security Agency (SASSA) registration indicating that the disability is permanent Or</li> <li>National Council for Persons with Physical Disability in South Africa registration (NCPPDSA)</li> </ul>
5.	An EME or QSE or any entity which is at least 51% owned by black youth (	2	ID Copy and SANAS Accredited BBBEE     Certificate or sworn affidavit where applicable.

- 1.6 Failure on the part of the tenderer to submit proof or documentation required in terms of this tender to claim points for specific goals, if the service provider/ tenderer did not submit proof or documentation required to claim for specific goals will be interpreted to mean that preference points for specific goals are not claimed.
- 1.7 The organ of state reserves the right to require of a service provider/tenderer, either before a tender is adjudicated or at any time subsequently, to substantiate any claim in regard to preferences, in any manner required by the organ of state.

### 2. **DEFINITIONS**

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



### 3. FORMULAE FOR PROCUREMENT OF GOODS AND SERVICES

### 3.1. POINTS AWARDED FOR PRICE

### 3.1.1. THE 80/20 OR 90/10 PREFERENCE POINT SYSTEMS

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

80/20 or 90/10

$$Ps = 80\left(1 - \frac{Pt - Pmin}{Pmin}\right)$$
 or  $Ps = 90\left(1 - \frac{Pt - Pmin}{Pmin}\right)$ 

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:

$$Ps = 80\left(1 + \frac{Pt - Pmax}{Pmax}\right)$$
 or  $Ps = 90\left(1 + \frac{Pt - Pmax}{Pmax}\right)$ 

Where

Ps = Points scored for price of tender under consideration

Pt = Price of tender under consideration
Pmax = Price of highest acceptable tender

### 4. POINTS AWARDED FOR SPECIFIC GOALS

- 4.1. In terms of Regulation 4(2); 5(2); 6(2) and 7(2) of the Preferential Procurement Regulations, preference points must be awarded for specific goals stated in the tender. For the purposes of this tender the tenderer will be allocated points based on the goals stated in table 1,2 and 3 above 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 or 90/10 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 90/10 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 or 90/10 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 both the 90/10 and 80/20 preference point system.



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

(Note to organs of state: Where either the 90/10 or 80/20 preference point system is applicable, corresponding points must also be indicated as such.

Note to tenderers: The tenderer must indicate how they claim points for each preference point system.)

The specific goals allocated points in terms of this tender	Number of points allocated (80/20 system) (To be completed by the organ of state)	Number of points claimed (80/20 system) (To be completed by the tenderer)
<ol> <li>An EME or QSE or any entity which is at least 51% owned by Historically Disadvantaged Individuals (HDI)</li> </ol>	10	
<ol><li>Located in a specific Local Municipality or District Municipality or Metro or Province area for work to be done or services to be rendered in that area</li></ol>	2	
<ol><li>An EME or QSE or any entity which is at least 51% owned by women</li></ol>	4	
<ol> <li>An EME or QSE or any entity which is at least 51% owned by people with disability</li> </ol>	2	
<ol><li>An EME or QSE or any entity which is at least 51% owned by youth.*</li></ol>	2	

### **DECLARATION WITH REGARD TO COMPANY/FIRM**

4.3.	Name of company/firm
4.4.	Company registration number:
4.5.	TYPE OF COMPANY/ FIRM .
	Partnership/Joint Venture / Consortium One-person business/sole propriety Close corporation Public Company Personal Liability Company (Pty) Limited Non-Profit Company State Owned Company
	[TICK APPLICABLE BOX]

- 4.6. I, the undersigned, who is duly authorised to do so on behalf of the company/firm, certify that the points claimed, based on the specific goals as advised in the tender, qualifies the company/ firm for the preference(s) shown and I acknowledge that:
  - i) The information furnished is true and correct:
  - ii) The preference points claimed are in accordance with the General Conditions as indicated in paragraph 1 of this form;
  - iii) In the event of a contract being awarded as a result of points claimed as shown in paragraphs



- 1.4 and 4.2, the contractor may be required to furnish documentary proof to the satisfaction of the organ of state that the claims are correct;
- iv) If the specific goals have been claimed or obtained on a fraudulent basis or any of the conditions of contract have not been fulfilled, the organ of state may, in addition to any other remedy it may have
  - (a) disqualify the person from the tendering process;
  - (b) recover costs, losses or damages it has incurred or suffered as a result of that person's conduct;
  - (c) cancel the contract and claim any damages which it has suffered as a result of having to make less favourable arrangements due to such cancellation;
  - (d) recommend that the tenderer or contractor, its shareholders and directors, or only the shareholders and directors who acted on a fraudulent basis, be restricted from obtaining business from any organ of state for a period not exceeding 10 years, after the audi alteram partem (hear the other side) rule has been applied; and
  - (e) forward the matter for criminal prosecution, if deemed necessary.

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



### SWORN AFFIDAVIT - B-BBEE EXEMPTED MICRO ENTERPRISE -**GENERAL**

I, the undersigned,

Full name & Surname	
Identity number	

### Hereby declare under oath as follows:

- 1. The contents of this statement are to the best of my knowledge a true reflection of the facts.
- 2. I am a Member / Director / Owner (Select one) of the following enterprise and am duly authorised to act on its behalf:

Enterprise Name:	
Trading Name (If Applicable):	
Registration Number:	
Enterprise Physical Address:	
Type of Entity (CC, (Pty) Ltd, Sole Prop etc.):	
Nature of Construction Business:	
Definition of "Black People"	As per the Broad-Based Black Economic Empowerment Act 53 of 2003 as Amended by Act No 46 of 2013 "Black People" is a generic term which means Africans, Coloureds and Indians —  (a) who are citizens of the Republic of South Africa by birth or descent; or  (b) who became citizens of the Republic of South Africa by naturalisation—  i. before 27 April 1994; or ii. on or after 27 April 1994 and who would have been entitled to acquire citizenship by naturalization prior to that date;"
Definition of "Black Designated Groups"	"Black Designated Groups means:  (a) unemployed black people not attending and not required by law to attend an educational institution and not awaiting admission to an educational institution;  (b) Black people who are youth as defined in the National Youth Commission Act of 1996;  (c) Black people who are persons with disabilities as defined in the Code of Good Practice on employment of people with disabilities issued under the Employment Equity Act;  (d) Black people living in rural and under developed areas;  (e) Black military veterans who qualifies to be called a military veteran in terms of the Military Veterans Act 18 of 2011;"



3.	hereby	declare	under	Oath	that:

(1) of B-BBEE Act No 53  ☐ The Enterprise is 100 of the Amended Coo of 2003 as Amended by ☐ The Enterprise is Code Series 100 of the A BBEE Act No 53 of 2003	100 of the Amended Codes of Good Practice issued under 3 of 2003 as Amended by Act No 46 of 2013,	de Series Act No 53 mended (1) of B-			
<ul><li>Black Youth % =</li></ul>	%				
<ul> <li>Black Disabled % =</li> <li>Black Unemployed % =</li> <li>Black People living in F</li> <li>Black Military Veterans</li> </ul>	Rural areas % =%				
	Financial Statements/Financial Statements and other information				
Revenue was R10, 000,	nancial year-end of/the annument of/ the annument / pearthe annument / pe				
100% Black Owned	Level One (135% B-BBEE procurement recognition level)				
At Least 51% black owned	At Least 51% black owned Level Two (125% B-BBEE procurement recognition level)				
Less than 51% Black Owned	Level Four (100% B-BBEE procurement recognition level)				
<ol> <li>I know and understand the contents of this affidavit and I have no objection to take the prescribed oath and consider the oath binding on my conscience and on the owners of the enterprise which I represent in this matter.</li> <li>The sworn affidavit will be valid for a period of 12 months from the date signed by commissioner.</li> </ol>					
	Deponent Signature				
	Date:				
Commissioner of Oaths Signature & stamp	Stamp Commissioner of Oaths				



### SWORN AFFIDAVIT -- B-BBEE QUALIFYING SMALL ENTERPRISE -- GENERAL

I, the undersigned,

Full name & Surname	
Identity number	

Hereby declare under oath as follows:

- 1. The contents of this statement are to the best of my knowledge a true reflection of the facts.
- 2. I am a Member / Director / Owner (**Select one**) of the following enterprise and am duly authorised to act on its behalf:

	T
Enterprise Name:	
Trading Name (If Applicable):	
Registration Number:	
Enterprise Physical Address:	
Type of Entity (CC, (Pty) Ltd, Sole Prop etc.):	
Nature of Construction Business:	
Definition of "Black People"	As per the Broad-Based Black Economic Empowerment Act 53 of 2003 as Amended by Act No 46 of 2013 "Black People" is a generic term which means Africans, Coloureds and Indians —  (a) who are citizens of the Republic of South Africa by birth or descent; or  (b) who became citizens of the Republic of South Africa by naturalisation—  i. before 27 April 1994; or ii. on or after 27 April 1994 and who would have been entitled to acquire citizenship by naturalization prior to that date;"
Definition of "Black Designated Groups"	"Black Designated Groups means:  (a) unemployed black people not attending and not required by law to attend an educational institution and not awaiting admission to an educational institution;  (b) Black people who are youth as defined in the National Youth Commission Act of 1996;  (c) Black people who are persons with disabilities as defined in the Code of Good Practice on employment of people with disabilities issued under the Employment Equity Act;  (d) Black people living in rural and under developed areas;  (e) Black military veterans who qualifies to be called a military veteran in terms of the Military Veterans Act 18 of 2011;"



I hereby declare under Oath that:

□ The Enterprise is					
Black Youth % =		%			
<ul> <li>Black Disabled % =</li> <li>Black Unemployed %</li> <li>Black People living in</li> <li>Black Military Veterans</li> </ul>	Rural areas % =	% %			
<ul> <li>Based on the Audite available on the latest file</li> </ul>	d Financial Statements/ nancial year-end of	Financial Statements and other in	nformation		
available on the latest financial year-end of//					
100% Black Owned	Level One (135% B-B	BEE procurement recognition level)			
At Least 51% black owned	Level Two (125% B-B	BEE procurement recognition level)			
<ul> <li>3. I know and understand the contents of this affidavit and I have no objection to take the prescribed oath and consider the oath binding on my conscience and on the owners of the enterprise which I represent in this matter.</li> <li>4. The sworn affidavit will be valid for a period of 12 months from the date signed by commissioner.</li> </ul>					
	Deponen	t Signature			
			-		
Commissioner of Oaths Signature & stamp	Date:				
		Stamp Commissioner of Oath			



### PA-10: GENERAL CONDITIONS OF CONTRACT (GCC)

BID NUMBER: PT-23-018

BID/ PROJECT DESCRIPTION: SUPPLY AND DELIVERY OF ELECTRICAL MATERIALS AND TOOLS FOR PERIOD OF 36 MONTHS

### NOTES:

The purpose of this document is to:

- (i) Draw special attention to certain general conditions applicable to government bids, contracts and orders; and
- (ii) To ensure that clients be familiar with regard to the rights and obligations of all parties involved in doing business with government.

In this document words in the singular also mean in the plural and vice versa and words in the masculine also mean in the feminine and neuter.

- The General Conditions of Contract will form part of all bid documents and may not be amended.
- Special Conditions of Contract (SCC) relevant to a specific bid should be compiled separately for every bid (if applicable) and will supplement the General Conditions of Contract. Whenever there is a conflict, the provisions in the SCC shall prevail.

### **TABLE OF CLAUSES**

- 2. Definitions
- 3. Application
- 4. General
- 5. Standards
- 6. Use of contract documents and information; inspection
- 7. Patent rights
- 8. Performance security
- 9. Inspections, tests and analysis
- 10. Packing
- 11. Delivery and documents
- 12. Insurance
- 13. Transportation
- 14. Incidental services
- 15. Spare parts
- 16. Warranty
- 17. Payment
- 18. Prices
- 19. Contract amendments
- 20. Assignment
- 21. Subcontracts
- 22. Delays in the supplier's performance
- 23. Penalties
- 24. Termination for default
- 25. Dumping and countervailing duties
- 26. Force Majeure
- 27. Termination for insolvency
- 28. Settlement of disputes
- 29. Limitation of liability
- 30. Governing language
- 31. Applicable law
- 32. Notices
- 33. Taxes and duties
- 34. National Industrial Participation Programme (NIPP)
- 35. Prohibition of restrictive practices



#### **General Conditions of Contract**

#### 1. 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 and appendices 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 and proper performance of his contractual obligations.
- 1.4. "Corrupt practice" means the offering, giving, receiving, or soliciting of any thing 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 its 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" mean's 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 industries in the RSA.
- 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. Such events may include, but is not 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. "Local content" means that portion of the bidding price which is not included in the imported content provided that local manufacture does take place.
- 1.18. **"Manufacture"** means the production of products in a factory using labour, materials, components and machinery and includes other related value-adding activities.
- 1.19. "Order" means an official written order issued for the supply of goods or works or the rendering of a service.
- 1.20. "Project site" where applicable, means the place indicated in bidding documents.
- 1.21. "Purchaser" means the organization purchasing the goods.
- 1.22. "Republic" means the Republic of South Africa.
- 1.23. "SCC" means the Special Conditions of Contract.
- 1.24. "Services" means those functional services ancillary 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.
- 1.25. "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.

# 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

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

# 5. Use of contract documents and information; inspection.

5.1. 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 5.1 except for purposes of performing the contract.
- 5.3. Any document, other than the contract itself mentioned in GCC clause 5.1 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.
- 5.4. 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.
- 7.2. The proceeds of the performance security shall be payable to the purchaser as compensation for 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 with 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 8.4 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.

#### 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
  - (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.

#### 14. Spare parts

- 14.1. 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.

#### 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 fulfilment 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.
- 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.
- 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.
- 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 of not exceeding 10 years.
- 23.4 If a purchaser intends imposing a restriction on a supplier or any person with the supplier, the supplier will be allowed a time period of not more than fourteen (14) days to provide why the envisaged restriction should not be imposed. Should the supplier fail to respond within the stipulated fourteen (14) days the purchaser may regard the intended penalty as not objected against and may impose it on the supplier.
- Any restriction on any person by the Accounting Officer/ Authority will, at the discretion of the Accounting Officer/ Authority, also be applicable to any 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 the first-mentioned person, is or was in the opinion of the Accounting Officer/ Authority actively associated.
- 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 the 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 count 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 2004, 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 pubic sector for a period not less than five years and not more than ten years. The National Treasury is empowered to determine the period of restriction and each case will be dealt with on its 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.

# 26. Termination for insolvency

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 the 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 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 12 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; and
  - (b) the 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. Governing language

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

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

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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

#### 33. National Industrial Participation Programme (NIPP)

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.

#### 34. Prohibition of Restrictive Practices

- 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.

& infrastructure
Department: Public Works and Infrastructure REPUBLIC OF SOUTH AFRICA

# PA- 29: CERTIFICATION OF INDEPENDENT BID DETERMINATION

Project title:		
Bid no:	Reference no:	

# INTRODUCTION

- 1. This PA-29 [Certificate of Independent Bid Determination] must form part of all bids¹ invited.
- 2. Section 4 (1) (b) (iii) of the Competition Act No. 89 of 1998, as amended, prohibits an agreement between, or concerted practice by, firms, or a decision by an association of firms, if it is between parties in a horizontal relationship and if it involves collusive bidding (or bid rigging).<sup>2</sup> Collusive bidding is a *per se* prohibition meaning that it cannot be justified under any grounds.
- 3. Treasury Regulation 16A9 prescribes that accounting officers and accounting authorities must take all reasonable steps to prevent abuse of the supply chain management system and authorizes accounting officers and accounting authorities to:
  - disregard the bid of any bidder if that bidder, or any of its directors have abused the institution's supply chain management system and or committed fraud or any other improper conduct in relation to such system.
  - cancel a contract awarded to a supplier of goods and services if the supplier committed any corrupt or fraudulent act during the bidding process or the execution of that contract.
- 4. This form (PA-29) serves as a certificate of declaration that would be used by institutions to ensure that, when bids are considered, reasonable steps are taken to prevent any form of bid-rigging.
- 5. In order to give effect to the above, the attached Certificate of Bid Determination (PA-29) must be completed and submitted with the bid:

Any reference to words "Bid" or Bidder" herein and/or in any other documentation shall be construed to have the same meaning as the words "Tender" or "Tenderer".

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<sup>1</sup> Includes price quotations, advertised competitive bids, limited bids and proposals.

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



affiliated with the bidder, who:

# CERTIFICATE OF INDEPENDENT BID DETERMINATION

Ι,	the undersigned, in submitting the accompanying bid:	
-	(Bid Number and Description)	
in	response to the invitation for the bid made by:	
	(Name of Institution)	
do	hereby make the following statements that I certify to be true and complete in every respect:	
Ιc	ertify, on behalf of:that:	
	(Name of Bidder)	
1.	I have read and I understand the contents of this Certificate.	
2.	I understand that the accompanying bid will be disqualified if this Certificate is found not to be true and complete in every respect.	Эе
3.	I am authorized by the bidder to sign this Certificate, and to submit the accompanying bid, of behalf of the bidder.	nc
4.	Each person whose signature appears on the accompanying bid has been authorized by the bidder to determine the terms of, and to sign the bid, on behalf of the bidder.	16
5.	For the purposes of this Certificate and the accompanying bid, I understand that the wor "competitor" shall include any individual or organization, other than the bidder, whether or no	

- (a) has been requested to submit a bid in response to this bid invitation;
- (b) could potentially submit a bid in response to this bid invitation, based on their qualifications, abilities or experience; and
- (c) provides the same goods and services as the bidder and/or is in the same line of business as the bidder.



- 6. The bidder has arrived at the accompanying bid independently from, and without consultation, communication, agreement or arrangement with any competitor. However communication between partners in a joint venture or consortium<sup>3</sup> will not be construed as collusive bidding.
- 7. In particular, without limiting the generality of paragraphs 6 above, there has been no consultation, communication, agreement or arrangement with any competitor regarding:
  - (a) prices;
  - (b) geographical area where product or service will be rendered (market allocation)
  - (c) methods, factors or formulas used to calculate prices;
  - (d) the intention or decision to submit or not to submit, a bid:
  - (e) the submission of a bid which does not meet the specifications and conditions of the bid; or
  - (f) bidding with the intention not to win the bid.
- 8. In addition, there have been no consultations, communications, agreements or arrangements with any competitor regarding the quality, quantity, specifications and conditions or delivery particulars of the products or services to which this bid invitation relates.
- 9. The terms of the accompanying bid have not been, and will not be, disclosed by the bidder, directly or indirectly, to any competitor, prior to the date and time of the official bid opening or of the awarding of the contract.

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.

Name of Bidder	Signature	Date	Position

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

Any reference to words "Bid" or Bidder" herein and/or in any other documentation shall be construed to have the same meaning as the words "Tender" or "Tenderer".

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# ADDITIONAL INFORMATION THAT MAY BE REQUIRED DURING THE BID EVALUATION:

Legal S	Status of Tendering Entity:	Documentation to be submitted with the tender, or which may be required during the bid evaluation:
If the T	endering Entity is:	
a.	A close corporation, incorporated prior to 1 May 2011 under the Close Corporations Act, 1984 (Act 69 of 1984, as amended)	Copies of the Founding Statement – CK1
b.	A profit company duly registered as a private company.  [including a profit company that meets the criteria for a private company, whose Memorandum of Incorporation states that the company is a personal liability company in terms of Section 8(2)(c) of the Companies Act, 2008 (Act 71 of 2008, as amended)].	Copies of:  i. Certificate of Incorporation – CM1;  ii. Shareholding Certificates of all Shareholders of the company, plus a signed statement of the company's Auditor, certifying each Shareholder's ownership shareholding percentage relative to the total; and/or iii. Memorandum of Incorporation in the case of a personal liability company.
C.	A profit company duly registered as a private company in which any, or all, shares are held by one or more other close corporation(s) or company(ies) duly registered as profit or non-profit company(ies).	Copies of documents referred to in a. and/or b. above in respect of all such close corporation(s) and/o company(ies).
d.	A profit company duly registered as a public company.	Copy of Certificate of Incorporation - CM1, and a signed statement of the company's Secretary or Auditor confirming that the company is a public company.
e.	A non-profit company, incorporated in terms of Section 10 and Schedule 1 of the Companies Act, 2008 (Act 71 of 2008, as amended).	Copies of: i the Founding Statement – CK1; and ii the Memorandum of Incorporation setting out the object of the company, indicating the public benefit, cultura or social activity, or communal or group interest.
f.	A natural person, sole proprietor or a Partnership	Copy(ies) of the Identity Document(s) of: i. such natural person/ sole proprietor, or each of the Partners to the Partnership.
g.	A Trust	Deed of Trust duly indicating names of the Trustee(s) and Beneficiary (ies) as well as the purpose of the Trust and the mandate of the Trustees.