

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

THE DEPARTMENT OF PUBLIC WORKS INVITES BIDDERS FOR THE PROVISION OF THE SUPPLY AND DELIVERY OF MACHINERY, EQUIPMENT & TOOLS

Project title:	Supply &n Delivery of Machinery, Equipment & Tools for Cape Town Workshop-(Once off contract)				
Bid no:	CPTSC 07/23				
Advertising date:	17/11/2023	Closing date	:	08/12/2023	
Closing time:	11:00am	Validity perio	od:	84 days	
1. FUNCTIONALITY CRITERIA APPLICABLE YES NO NO Note 1: Failure to meet minimum functionality score will result in the tenderer being disqualified.					
Functionality criteria:1				Weighting factor:	
and the second s					
Total 100 Points					
(Weightings will be multip functionality points)	plied by the scores allocat	ted during the e	valuation prod	cess to arrive at the total	
Minimum functionality score to qualify for further evaluation:					
(Total minimum qualifying provide motivation below).	score for functionality is 50) percent, any de	viation below	or above the 50 percent,	
2. THE FOLLOWING EVA	ALUATION METHOD FOR	RESPONSIVE E	BIDS WILL BE	E APPLICABLE:	
☐ Method 1 (Financial offer) ☐ Method 2 (Financial and Preference offer)					
2.1. Indicate which prefe	rence points scoring sys	tem is applicab	le for this bid	:	
	its 90/10 Preference		_	1/20 or 90/10 Preference as scoring system	
	•				

¹The 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	\boxtimes	Only those tenderers who satisfy the eligibility criteria stated in the Tender Data may submit tenders.
2	X	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	\boxtimes	Submission of PA-32: Invitation to Bid
6	\boxtimes	Submission of record of attending compulsory briefing session. The bidders must sign the attendance register at the meeting as proof of attendance. Failure to sign the attendance register will render your bid non-responsive.
7		The Bidder must submit a fully completed pricing schedule. The total bid price must be transferred to the PA-32 (Invitation to Bid Form)
8	\boxtimes	The Bidder must attach proof of experiencefor the supply and delivery of Machinery and or Equipment and or Tools. The following must be attached for the testing of experience or services undertaken: Purchase order of delivery of Machinery and or Equipment and or Tools. OR A signed letter of appointment of delivery of Machinery and or Equipment and or Tools. OR Service Level Agreements, signed by both parties of delivery of Machinery and or Equipment and or Tools
9		
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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	\boxtimes	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	\boxtimes	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	\boxtimes	Submission of (PA-11): Bidder's disclosure.
4	\boxtimes	Submission of (PA 40): Declaration of Designated Groups for Preferential Procurement.
5	\boxtimes	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	\boxtimes	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

Notice and Invitation to Bid: PA-04 (GS)

8	Specify other responsiveness criteria
9	Specify other responsiveness criteria
10	Specify other responsiveness criteria

3.3. 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	\boxtimes	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

4.1. For procurement transaction with rand value greater than R1 Million and up to R50 Million

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

(Inclusive of all applicable taxes) the specific goals listed in table 1 below are applicable. Table 1 Serial Specific Goals Documentation to be submitted by Preference No Points Allocated bidders to validate their claim out of 20 1. An EME or QSE or any entity 10 SANAS Accredited BBBEE which is at least 51% owned Certificate or Sworn Affidavit by black people (Mandatory) where applicable. 2. Located in a specific Local Official Municipal Rates Statement Municipality or District which is in the name of the bidder. Municipality or Metro or Province area for work to be Or done or services to be rendered in that area Any account or statement which is (Mandatory) in the name of the bidder. Or Permission to Occupy from local chief in case of rural areas (PTO) which is in the name of the bidder. Or Lease Agreement which is in the name of the bidder. 3. An EME or QSE or any entity SANAS Accredited BBBEE which is at least 51% owned Certificate or Sworn Affidavit

where applicable.

where applicable.

SANAS Accredited BBBEE

Certificate or Sworn Affidavit

by black women (Mandatory)

An EME or QSE or any entity

which is at least 51% owned

by black people with disability

4.

	(Mandatory)		
	(Manadory)		and
in to the second			Medical Certificate indicating that the disability is permanent.
			Or
447			 South African Social Security Agency (SASSA) Registration indicating that the disability is permanent.
			Or
			National Council for Persons with Physical Disability in South Africa registration (NCPPDSA).
5.	An EME or QSE or any entity which is at least 51% owned by black youth (Mandatory)	2	ID copy and SANAS Accredited BBBEE Certificate or Sworn Affidavit where applicable.

4.2. For procurement transaction with rand value greater than R50 Million (Inclusive of all applicable taxes) the specific goals listed in table 2 below are applicable.

NB. The use of one of goal numbers' 4 or 5 is mandatory. The BSC must select either one of the two, but not both.

Table 2

Serial No	Specific Goals	Preference Points Allocated out of 10	Documentation to be submitted by bidders to validate their claim
1 .	An EME or QSE or any entity which is at least 51% owned by black people (Mandatory)	4	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	2	Official Municipal Rates Statement which is in the name of the bidder.
	be done or services to be rendered in that area		Or
	(Mandatory)		 Any account or statement which is in the name of the bidder.
			Or
			 Permission to Occupy from local chief in case of rural areas (PTO) which is in the name of the bidder.
			Or
			 Lease Agreement which is in

		Notice and in	Vitation to Bid. PA-04 (GS)
3.	An EME or OSE or one	•	the name of the bidder.
	An EME or QSE or any entity which is at least 51% owned by black women (mandatory)	2	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 (Mandatory)	2	SANAS Accredited BBBEE Certificate or Sworn Affidavit where applicable. and
7.			Medical Certificate indicating that the disability is permanent. Or
			South African Social Security Agency (SASSA) Registration indicating that the disability is permanent.
1411000			Or
OR			National Council for Persons with Physical Disability in South Africa registration (NCPPDSA).
5.	An EME or QSE or any entity which is at least 51% owned by black youth (Mandatory)	2	ID Copy and SANAS Accredited BBBEE Certificate or Sworn Affidavit where applicable

5. COLLECTION OF BID DOCUMENTS:

\boxtimes	Bid documents are	available for	r free do	wnload on	e-Tender	portal
	www.etenders.gov.;	za				

Alternatively; Bid documents may be collected during working hours at the following address Customs House; 9th floor, Room 942, Lower Heerengracht Street, Cape Town. A non-refundable bid deposit of R 200.00 is payable, (Cash only) is required on collection of the bid documents.



A *compulsory* pre bid meeting with representatives of the Department of Public Works will take place at Customs House; Lower Heerengracht; Cape Town on 28/11/2023 starting at 11:00am. Venue 3rd floor; Dome. (if applicable)

6. ENQUIRIES

6.1. Technical enquiries may be addressed to:

DPWI Project Manager	Mark Stephens	Telephone no:	021 402 2334
Cellular phone no	082 376 6005	Fax no:	N/A
E-mail	mark.stephens@dpw.gov.za		

6.2. SCM enquiries may be addressed to:

SCM Official	Busisiwe Sondishe	Telephone no:	(021) 402 2242
Cellular phone no		Fax no:	
E-mail	busisiwe.sondishe@dpw.gov.za		

7. DEPOSIT / RETURN OF BID 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 bid document.

All tenders must be submitted on the official forms

BID DOCUMENTS MAY BE POSTED TO:		DEPOSITED IN THE TENDER BOX AT:
THE DIRECTOR -GENERAL DEPARTMENT OF PUBLIC WORKS PRIVATE BAG X ATTENTION: PROCUREMENT SECTION: ROOM POSTED TENDERS MUST BE RECEIVED PRIOR CLOSING DATE AND TIME AT 11H00 BY THE DEPARTMENT	OR	Main Entrance Custom House Lower Heerengraght Street Cape Town



PA 32: INVITATION TO BID **PART A**

YOU ARE HEREI	BY INVITED TO BID FOR	REQUIREMENTS	OF THE	(NAME O	F DEPA	ARTMENT/ PUBLIC	CENTITY)	
BID NUMBER:	CPTSC 07/23	CLOSING D	ATE:	08/12/2	2023	CLOSIN	G TIME:	11:00am
DESCRIPTION	DESCRIPTION Supply and Delivery of Machinery, Tools and Equipment							
THE SUCCESSF	UL BIDDER WILL BE REC	UIRED TO FILL	N AND S	IGN A WI	RITTEN	CONTRACT FOR	M (DPW04.	1 GS or DPW04.2 GS).
	BID RESPONSE DOCUMENTS MAY BE DEPOSITED IN THE BID							
BOX SITUATED A	AT (STREET ADDRESS)					· · · ·		
						·		
OR POSTED TO:				*********				
SUPPLIER INFO	RMATION	1	*************					
NAME OF BIDDE	R							
POSTAL ADDRES	SS							
STREET ADDRES	SS							
TELEPHONE NUI	MBER	CODE				NUMBER		
CELLPHONE NUI	MBER							
FACSIMILE NUMBER		CODE				NUMBER		
E-MAIL ADDRESS								
VAT REGISTRAT	ION NUMBER							
		TCS PIN:			OR	CSD No:		
SIGNATURE OF I		***************************************		••	DATE			
	R WHICH THIS BID IS							
sign this bid; e.g.	proof of authority to							
directors, etc.)	. resolution of							
uncoloro, cto.)		Arrecta.			······			
					TOTA	L BID PRICE (IAL	L T	
TOTAL NUMBER	OF ITEMS OFFERED					ICABLE TAXES)	R	
BIDDING PROCE	DURE ENQUIRIES MAY	BE DIRECTED TO);	TECHN	ICAL IN	IFORMATION MA	Y BE DIREC	TED TO:
DEPARTMENT/ P				CONTA	-			
CONTACT PERSO				TELEPHONE NUMBER				
TELEPHONE NUM		FACSIMIL						
FACSIMILE NUME				E-MAIL	ADDRE	SS		
E-MAIL ADDRESS	3							

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.



PA-32: Invitation to Bid

1.5.	THIS BID IS SUBJECT TO THE PREFERENTIAL PROCUREMENT POLICY FRAMEWORI CONDITIONS OF CONTRACT (GCC) AND, IF APPLICABLE, ANY OTHER LEGISLATION CONTRACT.		
2.	TAX COMPLIANCE REQUIREMENTS		
2.1	BIDDERS MUST ENSURE COMPLIANCE WITH THEIR TAX OBLIGATIONS.		
2.2	BIDDERS ARE REQUIRED TO SUBMIT THEIR UNIQUE PERSONAL IDENTIFICATIO ENABLE THE ORGAN OF STATE TO VIEW THE TAXPAYER'S PROFILE AND TAX STA		
2.3	APPLICATION FOR TAX COMPLIANCE STATUS (TCS) OR PIN MAY ALSO BE MADE PROVISION, TAXPAYERS WILL NEED TO REGISTER WITH SARS AS E-FILERS THROU	VIA E-FILING. IN ORDER TO USE THIS JGH 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 CENTR NUMBER MUST BE PROVIDED.	AL SUPPLIER DATABASE (CSD), A CSD	
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	
IF TH	DOES THE BIDDER HAVE ANY SOURCE OF INCOME IN THE RSA? HE ANSWER IS "NO" TO ALL OF THE ABOVE, THEN, IT IS NOT A REQUIREMENT TO COMPLIANCE SYSTEM PIN CODE FROM THE SOUTH AFRICAN REVENUE SERVICE (S IVE.		
NB:	FAILURE TO PROVIDE ANY OF THE ABOVE PARTICULARS MAY RENDER THE BID	INVALID	

FAILURE TO PROVIDE ANY OF THE ABOVE PARTICULARS MAY RENDER THE BID INVALID.

Note Well:

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

All delivery costs must be included in the bid price, for delivery at the prescribed destination.

The price that appears on this form is the one that will be considered for acceptance as <u>a firm and final offer</u>.

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). 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.

¹ All applicable taxes" includes value- added tax, pay as you earn, income tax, unemployment insurance fund contributions and skills development levies



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.

Where a person/s are listed in the Register for Tender Defaulters and / or the List of Restricted Suppliers, that person will automatically be disqualified from the bid process.

2. Bidder's declaration

2.1 Is the bidder, or any of its directors / trustees / shareholders / members / partners or any person having a controlling interest (1) in the enterprise, employed by the state?

YES / NO

2.1.1 If so, furnish particulars of the names, individual identity numbers, and, if applicable, state employee numbers of sole proprietor/ directors / trustees / shareholders / members/ partners or any person having a controlling interest in the enterprise, in table below.

Full Name	Identity Number	Name of State institution
	· · · · · · · · · · · · · · · · · · ·	
	Į.	
	- Constitution of the Cons	

⁽¹⁾ the power, by one person or a group of persons holding the majority of the equity of an enterprise, alternatively, the person/s having the deciding vote or power to influence or to direct the course and decisions of the enterprise.



2.2	who is employed by the procuring institution?
	YES / NO
2.2.1	If so, furnish particulars:
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? YES / NO
2.3.1	If so, furnish particulars:
3 D	ECLARATION
	I, the undersigned, (name)
3.1 3.2	I have read and I understand the contents of this disclosure; I understand that the accompanying bid will be disqualified if this disclosure is found
3.3	not to be true and complete in every respect; 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 consortium2 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 or 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.

 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 of reference for this 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". Page 2 of 3 For External Use Effective date 5 July 2022 Version: 2022/03

² 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.



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 CERTIFY 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.

Signature	Date
Position	Name of bidder

This form has been aligned with SBD4



Resolution of Board of Directors: PA-15.1

PA-15.1: RESOLUTION OF BOARD OF DIRECTORS

RESOLUTION of a meeting of the Board of *Directors / Members / Partners of:

 (leg	gally correct full name and registration number, if	applicable, of the Enterprise)	
He	eld at	(place)	
on			
RE	SOLVED that:		
1.	The Enterprise submits a Bid / Tender	to the Department of Public Works in	respect of the following project:
	(project description as per Bid / Tender Docum	ent)	
	Bid / Tender Number:	(Bid / Tender	Number as per Bid / Tender Document)
2.	*Mr/Mrs/Ms:		
	in *his/her Capacity as:		(Position in the Enterprise)
	and who will sign as follows:		
	be, and is hereby, authorised to si correspondence in connection with ar any and all documentation, resulting above.	nd relating to the Bid / Tender, as we	ell as to sign any Contract, and
	Name	Capacity	Signature
	1		
	2		
	3		
	4		
	5		
	6		-
	7		
<u> </u>	8		
	9		
1	10		
1	11		
1	12		
	13		
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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 external use

Effective date April 2012

Version: 1.3



Resolution of Board of Directors: PA-15.1

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The bidding enterprise hereby absolves the Department of Public Works from any liability whatsoever that may arise as a result of this

document being signed. Note: **ENTERPRISE STAMP** * Delete which is not applicable. NB: This resolution must, where possible, be signed by all the Directors / Members / Partners of the Bidding all the Directors / Members / Partners of the Bidding 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 Bidding Enterprise (attach proof of shareholding / ownership hereto). Directors / Members / Partners of the Bidding Enterprise may alternatively appoint a person to sign this document on behalf of the Bidding 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 Bidding 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 exceed the space available above, additional names and signatures must be supplied on a separate page.



Silic of South AFRICAResolution of Board of Directors to enter into Consortia or Joint Ventures: PA-15.2

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

RESOLUTION of a meeting of the Board of *Directors / Members / Partners of: (Legally correct full name and registration number, if applicable, of the Enterprise) _ (place) (date) RESOLVED that: 1. The Enterprise submits a Bid /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 to the Department of Public Works in respect of the following project: (Project description as per Bid /Tender Document) Bid / Tender Number: ______(Bid / Tender Number as per Bid / Tender Document) 2. *Mr/Mrs/Ms: (Position in the Enterprise) in *his/her Capacity as: __ 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. 3. The Enterprise accepts 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. 4. The Enterprise chooses as its domicilium citandi et executandi 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:

_____ (code)

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(O)	Department: Public Works and Infrastructure REPUBLIC OF SOUTH AFRICA

TH AFRICA Resolution of Board of Directors to enter into Consortia or Joint Ventures: PA-15.2

Postal Address:		
		 (code)
Telephone number:		
Fax number:	***************************************	

	Name	Capacity	Signature
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2			
3			
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14			
15			

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

Note:

- 1. * Delete which is not applicable.
- NB: This resolution must, where possible, be signed by all the Directors / Members / Partners of the Bidding 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 Bidding Enterprise (attach proof of shareholding / ownership hereto).
- 4. Directors / Members / Partners of the Bidding Enterprise may alternatively appoint a person to sign this document on behalf of the Bidding Enterprise, which person must be so authorized by way of a duly completed power of attorney, signed by the Directors / Members / Partners holding a mejority of the shares / ownership of the Bidding 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.

ENTER	PRISE	STAMP

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 external use

Effective date April 2012

Version: 1.2



Rependent Nation William and Infrastructure September 2 PA-15.3

REPUBLIC OF SOUTH AFRICA Special Resolution of Consortia or Joint Ventures: PA-15.3

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 bid for the project mentioned below: (legally correct full names and registration numbers, if applicable, of the Enterprises forming a Consortium/Joint Venture)

1.		
		_
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3.		_
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4.		_
		_
5.		_
٥.		
6.		_
•		_
7.		_
-		_
8.		_
		_
Hel	ld at(place)	_
	(date)	
RE	ESOLVED that:	
RE	SOLVED that:	
A.	The above-mentioned Enterprises submit a Bid in Consortium/Joint Venture to the Department of Pub Works in respect of the following project:	olic
	(Project description as per Bid /Tender Document)	
	Bid / Tender Number:(Bid / Tender Number as per Bid /Tender Docume	ent,



Department Public Vision and Infrastructural Public Vision and Infrastructural REPUBLIC OF SOUTH AFRICA Special Resolution of Consortia or Joint Ventures: PA-15.3

ο.	IVIT/IVITS/IVIS.			
	in *his/her Capacity as:	Martin	(Position in the Enterprise)	
	and who will sign as foll	lows:	Analysis and regions	
	in connection with an	orised to sign the Bid, and any and all oth nd relating to the Bid, as well as to s ng from the award of the Bid to the Ent	ign any Contract, and any and all	
C.		tituting the Consortium/Joint Venture, no der the name and style of:	otwithstanding its composition, shall	
D.	the obligations of the	Consortium/Joint Venture accept joint and s Consortium/Joint Venture deriving from, ith the Department in respect of the project	and in any way connected with, the	
Ε.	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 intention. Notwithstanding such decision to terminate, the Enterprises shall remain jointly and severally liable to the Department for the due fulfilment of the obligations of the Consortium/Joint Venture as mentioned under 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.		e as the domicilium citandi et executandi on the consortium/joint venture agreement and ander item A above:		
	Physical address:			
		(code)		
	Postal Address:			
		(code)		
	Telephone number:			
	Fax number:			



The OF SOUTH AFRICA Special Resolution of Consortia or Joint Ventures: PA-15.3

	Name	Capacity	Signature
1			
2			
3			
4			
5			
6			
7			
8			
9			
10			
11			
12			
13			
14			
15			

The bidding 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.
- 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.
- 3. 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.

 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).



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

1.2 Preference Points System to be applied

(tick whichever is applicable).

${\begin{tabular}{ c c c c c c c c c c c c c c c c c c c$	tem
The applicable preference point system for this tender is the 90/10 preference point syst	tem
Either the 90/10 or 80/20 preference point system will be applicable in this tender. lowest/ highest acceptable tender will be used to determine the accurate system of tenders are received.	

- 1.3 Points for this tender shall be awarded for:
- 1.3.1 Price; and
- 1.3.2 Specific Goals

1.4 The maximum points for this tender are allocated as follows:

CHOOSE APPLICABLE PREFERENCE POINT SCORING SYSTEM	⊠ 80/20	90/10
PRICE	80	90
SPECIFIC GOALS	20	10
Total points for Price and Specific Goals	100	100

1.5 Breakdown Allocation of Specific Goals Points

1.5.1. For procurement transaction with rand value greater than R2 000, 00 and up to R1 Million (Inclusive of all applicable taxes) the specific goals listed in table 1 below are applicable. Table 1 Serial | Specific Goals Preference Documentation to be submitted by bidders to validate their claim No Points Allocated out of 20 10 1. An EME or QSE which is at SANAS Accredited BBBEE Certificate or Sworn Affidavit least 51% owned by black where applicable. people (Mandatory) 2. Located in a specific Local 2 Official Municipal Rates Statement which is in the name Municipality or District of the bidder. Municipality or Metro or Province area for work to be done or services to be Or rendered in that area (Mandatory) Any account or statement which is in the name of the bidder. Or Permission to Occupy from local chief in case of rural areas (PTO) which is in the name of the bidder. Or Lease Agreement which is in the name of the bidder. 3. An EME or QSE which is at 4 SANAS Accredited BBBEE Certificate or Sworn Affidavit least 51% owned by black women (Mandatory) where applicable. 2 4. An EME or QSE which is at SANAS Accredited BBBEE Certificate or Sworn Affidavit least 51% owned by black where applicable. people with disability (Mandatory) and

			Medical Certificate indicate that the disability is perm	
		TO THE STATE OF TH	Or	
77.7			 South African Social Sec Agency (SASSA) Registre indicating that the disabil permanent. 	ation
			Or	
			National Council for Pers with Physical Disability in Africa registration (NCPF)	Sout
5.	An EME or QSE which is at least 51% owned by black youth (Mandatory)	2	ID Copy and SANAS Acc BBBEE Certificate or Sw Affidavit where applicable	credite orn

×

1.5.2. For procurement transaction with rand value greater than R1 Million and up to R50 Million (Inclusive of all applicable taxes) the specific goals listed in table 2 below are applicable.

Table 2

Serial No	Specific Goals	Preference Points Allocated out of 20	Documentation to be submitted by bidders to validate their claim
1.	An EME or QSE or any entity which is at least 51% owned by black people (Mandatory)	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 (Mandatory)	2	Official Municipal Rates Statement which is in the name of the bidder. Or
			Any account or statement which is in the name of the bidder.

			Or
			 Permission to Occupy from local chief in case of rural are (PTO) which is in the name of the bidder.
			Or
			Lease Agreement which is in the name of the bidder.
3.	An EME or QSE or any entity which is at least 51% owned by black women (Mandatory)	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 (Mandatory)	2	SANAS Accredited BBBEE Certificate or Sworn Affidavit where applicable.
	•		and
			Medical Certificate indicating that the disability is permaner
			Or
			 South African Social Security Agency (SASSA) Registration indicating that the disability is permanent.
			Or
			National Council for Persons with Physical Disability in South Africa registration (NCPPDSA).
5.	An EME or QSE or any entity which is at least 51% owned by black youth (Mandatory)	2	ID Copy and SANAS Accredited BBBEE Certificate or Sworn Affidavit where applicable.

		or procurement transaction vicable taxes) the specific go		reater than R50 Million (Inclusive of 3 below are applicable.
	NB. The			atory. The BSC must select either
	Table 3			
7.00	Serial No	Specific Goals	Preference Points Allocated out of 10	Documentation to be submitted by bidders to validate their claim
	1.	An EME or QSE or any entity which is at least 51% owned by black people (Mandatory)	4	SANAS Accredited BBBEE Certificate or Sworn Affidavit where applicable.
Villouis .	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 (Mandatory)	2	Official Municipal Rates Statement which is in the name of the bidder. Or
				Any account or statement which is in the name of the bidder.
				Or
	T T T TOTAL MARKET MARK			Permission to Occupy from local chief in case of rural areas (PTO) which is in the name of the bidder.
	- Account			Or
				Lease Agreement which is in the name of the bidder.
	3.	An EME or QSE or any entity which is at least 51% owned by black women (mandatory)	2	SANAS Accredited BBBEE Certificate or Sworn Affidavit where applicable.
HARMAN AND A PART OF THE PART	4. 🗌	An EME or QSE or any entity which is at least 51% owned by black people with disability (Mandatory)	2	SANAS Accredited BBBEE Certificate or Sworn Affidavit where applicable.
- 1				and

			Medical Certificate indicating that the disability is permanent.
			South African Social Security Agency (SASSA) Registration indicating that the disability is permanent.
			Or
			National Council for Persons with Physical Disability in South Africa registration (NCPPDSA).
OR			
5. 🗆	An EME or QSE or any entity which is at least 51% owned by black youth (Mandatory)	2	ID Copy and SANAS Accredited BBBEE Certificate or Sworn Affidavit where applicable

Black people mean Africans, Coloureds and Indians, who - (a) are citizens of the Republic of South Africa by birth or descent; or (b) 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 naturalisation prior to that date. (BROAD-BASED BLACK ECONOMIC EMPOWERMENT ACT No 25899, 2003 of 9 JANUARY 2004).

- 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:

 $Ps = 80\left(1-rac{Pt-P\,min}{P\,min}
ight)$ or $Ps = 90\left(1-rac{Pt-P\,min}{P\,min}
ight)$

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:

$$Ps = 80\left(1 + rac{Pt-P\,max}{P\,max}
ight)$$
 or $Ps = 90\left(1 + rac{Pt-P\,max}{P\,max}
ight)$

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 Page 7 of 10

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 4: 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.)

preservince point dysteining				
The specific goals allocated points in terms of this tender	Number of points allocated (90/10 system) (To be completed by the organ of state)	Number of points allocated (80/20 system) (To be completed by the organ of state)	Number of points claimed (90/10 system) (To be completed by the tenderer)	Number of points claimed (80/20 system) (To be completed by the tenderer)
An EME or QSE (or any entity for procurement transaction with rand value greater than R1 Million) which is at least 51% owned by black people	4	10		
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	2		
3. An EME or QSE (or any entity for procurement transaction with rand value greater than R1 Million) which is at least 51% owned by black women	2	4		

The specific goals allocated points in terms of this tender	Number of points allocated (90/10 system) (To be completed by the organ of state)	Number of points allocated (80/20 system) (To be completed by the organ of state)	Number of points claimed (90/10 system) (To be completed by the tenderer)	Number of points claimed (80/20 system) (To be completed by the tenderer)
4. An EME or QSE (or any entity for procurement transaction with rand value greater than R1 Million) which is at least 51% owned by black people with disability	2	2		
5. An EME or QSE (or any entity for procurement transaction with rand value greater than R1 Million) which is at least 51% owned by black youth.*	2	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;
 - 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:	



PA- 40: DECLARATION OF DESIGNATED GROUPS

Tender no:

☐ EME¹ ☐ QSE² ☐ Non EME/QSE (tick applicable box)	
Name of Tenderer	

	Indicate if military veteran	☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No
D GROUPS.	Indicate if living in Rural (R) / Under Developed Area (UD) / Township (T) / Urban (U).											□R □ VD □T □ V	□R □ UD □ T □ U
ND DESIGNATE	Indicate if person with disability	☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No
, CITIZENSHIP A	Indicate if woman	☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No
ENTITY NUMBER	Indicate if youth	☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No	□ Yes □ No	□ Yes □ No	☐ Yes ☐ No	☐ Yes ☐ No				
OLDERS BY NAME, IDENTITY NUMBER, CITIZENSHIP AND DESIGNATED GROUPS.	Black	☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No	□ Yes □ No	☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No
R SHAREHOLDI	Percentage owned	9/6	%	%	%	%	%	%	%	%	%	%	%
LIST ALL PROPRIETORS, MEMBERS OR SHAREH	Identity/ Passport number and Citizenship##												
1. LIST ALL PROP	Name and Surname #		2.	ന്	4,	5.	6.	.7	8.	ő	10.	11.	12.

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 EME: Exempted Micro Enterprise ² QSE: Qualifying Small Business Enterprise

PA- 40: DECLARATION OF DESIGNATED GROUPS

Tender no:

2. 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;
- 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 The Broad-based Black Economic Empowerment Act, 2003 (Act 53 of 2003), Preferential Procurement Policy Framework Act, 2000 (Act 5 of 2000), National Small 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 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; 4
 - 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; ហ

Signed by the Tenderer

Name of representative	Signature	Date



TENDER CPT SC.....

RETURNABLE DOCUMENTS

AND

SPECIAL CONDITIONS OF CONTRACT

FOR THE

APPOINTMENT OF A SERVICE PROVIDER

FOR THE

SUPPLY AND DELIVERY

OF

MACHINERY, TOOLS AND EQUIPMENT

FOR THE

DEPARTMENT OF PUBLIC WORKS AND INFRASTRUCTURE

IN THE

CAPE TOWN REGIONAL OFFICE

FOR A

ONCE - OFF TENDER

APPOINTMENT OF A SERVICE PROVIDER FOR THE SUPPLY AND DELIVERY OF MACHINERY, TOOLS AND EQUIPMENT FOR THE WORKSHOP DPW&I CAPE TOWN REGIONAL OFFICE FOR A ONCE-OFF TENDER

1. INTRODUCTION

1.1 The Department of Public Works invites bids for the supply and delivery of machinery, tools and equipment for Workshop - Cape Town.

2. DURATION OF CONTRACT

2.1 The contract will be a once-off tender from the date of acceptance of the bid and offer made by the successful bidder.

3. SPECIAL CONDITIONS OF CONTRACT

- 3.1 The terms of this specification and all contracts emanating therefrom will be subject to the General Conditions of Contract issued in accordance with Chapter 16A of the Treasury Regulations published in terms of the Public Finance Management Act, 1999 (Act 1 of 1999).
- 3.2 Where, however, the Special Conditions of Contract are in conflict with the General Conditions of Contract, the Special Conditions of Contract shall prevail.
- 3.3 The Department reserves the right to request any additional information and / samples of items.
- 3.4 Failure to comply with product specifications & inability to meet delivery time will render your bid invalid / non responsive.

4. PRICING

- 4.1 The prices quoted must be firm and it is expected that the bidder will cover the risk of price increases in the composition of the pricing structure. All prices must be inclusive of 15% value-added tax (VAT), wherever applicable.
- 4.2 The bid is based on unit prices and unit prices must include all handling, storing prior to delivery as well as delivery to the premises of the Department.

5. SPECIFICATIONS & STANDARDS

- 5.1 Unless otherwise specified, the goods supplied under this contract must comply with the relevant standards of the South African Bureau of Standards (SABS) / (SANS). Goods not specified with the specified standards will be returned at the cost of the bidder.
- 5.2 If items are damaged or incorrectly supplied it must be replaced with the correct items within 5 to 10 days.

6. ORDERS

Purchase order will be emailed to the successful bidder.

7. DELIVERY PERIODS

- 7.1 Delivery of goods must be made in accordance with the instructions appearing on the official order.
- 7.2 All deliveries or dispatches must be accompanied by a delivery note stating the official order number against which the delivery has been affected.
- 7.3 Unless otherwise specified, the goods ordered must be delivered within 15 to 30 working days calculated from the date of the purchase order.
- 7.4 The instructions appearing on the official order form regarding the supply, dispatch and submission of invoices **must be strictly adhered** to.

8. PAYMENTS

- 8.1 Payments will be made within 30 days of submission of an original signed and stamped invoice/s and signed delivery note of all supplied goods.
- 8.2 Invoices and delivery notes must be placed in a sealed envelope addressed to **The Department of Public Works** and deposited in the invoice boxes provided on the ground and 11th floors of Customs House. Alternatively, the invoices may be posted to the following address: Private Bag x9027, Cape Town, 8000.
- 8.3 The successful bidder shall provide the Department, completed delivery notes upon completion of all delivered items.

9. CONTRACT ADMINISTRATION

9.1 The successful bidder must advise the Regional Manager: Department of Public Works immediately when unforeseeable circumstances will adversely affect the execution of the contract. Full particulars of such circumstances as well as the period of delay must be furnished.

10. EXCLUSION OF ITEMS

10.1 The Department may choose to exclude certain items from the contract, if according to the judgment of the Department an item is priced too high or it is of an inferior quality (not SABS approved).

11. DISCLAIMER

11.1 Bidders must make and rely on their own investigations and satisfy themselves as to the correctness of any and all aspects of the bid. The Department will not be liable for any incorrect or potentially misleading information in relation to any part of this document and any accompanying bid documents.

12. ABSENCE OF OBLIGATION

12.1 No legal or other obligation shall arise between the bidder and the Department unless and until the formal appointment has been signed. The Department is not obliged to proceed with any proposals of any bidder. The Department also reserves the right to request changes to any proposed consortia.

13. OTHER

13.1 Inquiries can be directed as follows:

Bid Enquiries : Ms B. Sondishe

Tel: (021) 402 2242

Specification Enquiries : Mr M Stephens

Tel: 082 376 6005

mark.stephens@dpw.gov.za



MACHINERY, EQUIPMENT AND TOOLS FOR WORKSHOP - CAPE TOWN.

	LIST OF ITEMS TO BE PROCURED	UNIT	QUANTITY	TOTAL
		PRICE	3/0	D 0 00
	Example: 1 pen	R 2.00	X3	R 6.00
1	PORTABLE WELDING MACHINES MMA-200L (EACH)	R	000000010	R
	INPUT VOLTAGE: 220(V)			
<u> </u>	FRQUENCY: 50/60 (HZ)			
<u> </u>	THE RATED DUTY CYCLE: 60% 200 (A)			
2	EXTENSION LEADS STAND REEL 30m LONG (EACH)	R	000000020	R
	MODEL:LE30MSER			
	AMP/ VOLTAGE 16A / 250 V			***************************************
	MAX: 3500W			
3	PORTABLE CUT-OFF SAW MACHINE (EACH)	R	000000010	R
	LW: 1400			
***************************************	WATTS: 2000W			
4	U-PAT IMPACT DRILL 24mm ROTARY HAMMER DRILL			
	MACHINE HP2070 (EACH)	R	000000010	R
	POWER INPUT: 1010 WATT			
	NO-LOAD SPEED: 2900 RPM			
	MAX O DRILLING: 15m			
	CHUCK CAPACITY: 13mm			
	FLECTRIC BY ANER / FACILY	<u> </u>	000000040	D
5	ELECTRIC PLANER (EACH)	R	000000010	R
	CONTINUOUS RATING INPUT 850W	,		-
	PLANING WIDTH 82mm			
	PLANING DEPTH / REBATE 4mm / 25mm			
	No L0AD SPEED (r /min) 16,000			
	DIMENSIONS (LXWXH) 290 X 168 X 176mm			
	NET WEIGHT / POWER SUPPLY CORD 3,3Kg / 2.5m			
6	ELECTRIC DRILL (EACH)	R	000000010	R
	CONTINUOUS RATING INPUT 450W	11	00000010	11
	CAPACITIES: STEEL 10mm WOOD: 25mm			
	No LOAD SPEED (r /min) 3,000			
	DIMENSIONS (L X W X H) 228 X 64 X 183mm			
	POWER SUPPLY CORD 2.0m			
	CHUCK CAPACITY 1.5 – 10mm			
	OTTO TO TOTAL TO TOTAL			
7	BLOCK CUTTERS 30mm WITH 13 PROFILES (EACH)	R	000000002	R
***************************************	CUTTER BLOCK SIZE: 40mm X 30mm BORE -1 SET	İ		
***************************************	BLADE THICKNESS: 4mm			
		L		



8	DRYWALL SCREWDRIVER (EACH)	R	0000000010	R
	CONTINUOUS RATING INPUT 570W	+		
	CAPACITIES: DRYWALL SCREW:5mm SELF DRILLING			
	SCREW: 6mm			
	DRIVING SHANK : 6.35mm			
	No L0AD SPEED (r /min) 0 - 2,500			
	DIMENSIONS (L X W X H) 301 X 70 X 207mm	 		
	NET WEIGHT: 1.8Kg			
	inter treatments			
9	WOOD ROUTER 900W (EACH)	R	8000000008	R
	CONTINUOUS RATING INPUT 900W			
	CAPACITY / PLUNGE CAPACITY COLLET: 6,35mm / 0-			
	35mm			
	No L0AD SPEED (r /min) 0 – 27,000			
	DIMENSIONS: 256 X 110 X 217mm			
	NET WEIGHT: 2,7Kg			
	POWER SUPPLY CORD 2.5m			
10	WOOD ROUTER 1,850W (EACH)	R	800000000	R
	CONTINUOUS RATING INPUT 1,850W			
	CAPACITY / PLUNGE CAPACITY COLLET: 12,7mm / 0-			The state of the s
	70mm		,,,,,	
	BASE DIAMETER No LOAD SPEED (r /min) 170mm -			
<u></u>	22,000			
	DIMENSIONS;155 X 294 X 312mm			
	NET WEIGHT: 6.0Kg			
	POWER SUPPLY CORD 2.5m			
11	WOOD CUTTING TABLE SAW (EACH)	R	0000000004	R
	MOTOR: 240 V 50Hz			
	POWER: 1800 W			
	IDLE SPEED: 5000 RPM			
	BLADE: 250 X 16 – 30 X 2- 4mm (POSSIBLE SIZES THAT			
	CAN FIT MACHINE)			
	TPI: 24-60 TPI			
	TABLE SIZE: 642 X 532mm	1		
	TABLE WIDTH EXSTENION LEFT: 642 X 62mm			
	TABLE WIDTH EXSTENION RIGHT: 642 X 152mm			
	CUTTING HEIGHT MAX: 80mm / 90 DEGREES, 55mm /45			
	DEGREES			1
	HEIGHT ADJUSTMENT: 0-80mm	1		
	TILTING SAW BLADE 0-45 DEGREES			



	EXTRACTOR SOCKET: 35mm			
	WEIGHT: 30Kg			
	DUTY CYCLE: 25% AT FULL LOAD OUT OF A 10 MINUTE			
	CYCLE			
12	SPINDLE MOULDER 30mm (EACH)	R	0000000004	R
	MOTOR POWER: 2800W			
	MOTOR SPEED: 2800 RPM	Walland		
	MOTOR PROTECTION: THERMAL LINK			
	CAST INON TABLE SIZE: 1000 X 360mm			
	SLINDING TABLE SIZE: 1000 X 240mm			***************************************
	SLINDING TABLE TRAVEL: 1 200mm			***
	TABLE HEIGHT: 900mm			
***************************************	SPINDLE DIAMETER: 30mm			
***************************************	SPINDLE TRAVEL: 100mm			
	TABLE OPENING: 200mm			
	SPINDLE TILE: + 5º TO – 45º			
***************************************	TOOL DIAMETER MAX: 180mm			
	SPEED: 1800/3000/6000/9000 RPM			
	WEIGHT: 218/270 Kg			
		······································		
13	115mm GRINDERS (EACH)	R	0000000010	R
13	BORE DIAMETER: 22mm	R	0000000010	R
13	BORE DIAMETER: 22mm NOISE SOUND PRESURE: 86 dB (A)	R	0000000010	R
13	BORE DIAMETER: 22mm NOISE SOUND PRESURE: 86 dB (A) NOISE SOUND PRESURE: 97 dB (A)	R	000000010	R
13	BORE DIAMETER: 22mm NOISE SOUND PRESURE: 86 dB (A) NOISE SOUND PRESURE: 97 dB (A) NOISE K FACTOR: 3 dB (A)	R	000000010	R
13	BORE DIAMETER: 22mm NOISE SOUND PRESURE: 86 dB (A) NOISE SOUND PRESURE: 97 dB (A)	R	000000010	R
13	BORE DIAMETER: 22mm NOISE SOUND PRESURE: 86 dB (A) NOISE SOUND PRESURE: 97 dB (A) NOISE K FACTOR: 3 dB (A)	R	000000010	R
13	BORE DIAMETER: 22mm NOISE SOUND PRESURE: 86 dB (A) NOISE SOUND PRESURE: 97 dB (A) NOISE K FACTOR: 3 dB (A) SPINDLE SIZE: M14 X 2mm MAX WHEEL DIAMETER: 115mm No LOAD SPEED 11000 rpm	R	000000010	R
13	BORE DIAMETER: 22mm NOISE SOUND PRESURE: 86 dB (A) NOISE SOUND PRESURE: 97 dB (A) NOISE K FACTOR: 3 dB (A) SPINDLE SIZE: M14 X 2mm MAX WHEEL DIAMETER: 115mm No LOAD SPEED 11000 rpm VIBRATION K FACTOR: 1.5 m/sec ²	R	000000010	R
13	BORE DIAMETER: 22mm NOISE SOUND PRESURE: 86 dB (A) NOISE SOUND PRESURE: 97 dB (A) NOISE K FACTOR: 3 dB (A) SPINDLE SIZE: M14 X 2mm MAX WHEEL DIAMETER: 115mm No LOAD SPEED 11000 rpm VIBRATION K FACTOR: 1.5 m/sec² VIBRATION: ARTICIAL WHEEL 7.5 m/sec²	R	000000010	R
13	BORE DIAMETER: 22mm NOISE SOUND PRESURE: 86 dB (A) NOISE SOUND PRESURE: 97 dB (A) NOISE K FACTOR: 3 dB (A) SPINDLE SIZE: M14 X 2mm MAX WHEEL DIAMETER: 115mm No LOAD SPEED 11000 rpm VIBRATION K FACTOR: 1.5 m/sec ²	R	000000010	R
	BORE DIAMETER: 22mm NOISE SOUND PRESURE: 86 dB (A) NOISE SOUND PRESURE: 97 dB (A) NOISE K FACTOR: 3 dB (A) SPINDLE SIZE: M14 X 2mm MAX WHEEL DIAMETER: 115mm No LOAD SPEED 11000 rpm VIBRATION K FACTOR: 1.5 m/sec² VIBRATION: ARTICIAL WHEEL 7.5 m/sec² NET WEIGHT: 1.7- 2.4 Kg			
13	BORE DIAMETER: 22mm NOISE SOUND PRESURE: 86 dB (A) NOISE SOUND PRESURE: 97 dB (A) NOISE K FACTOR: 3 dB (A) SPINDLE SIZE: M14 X 2mm MAX WHEEL DIAMETER: 115mm No LOAD SPEED 11000 rpm VIBRATION K FACTOR: 1.5 m/sec² VIBRATION: ARTICIAL WHEEL 7.5 m/sec² NET WEIGHT: 1.7- 2.4 Kg SKILL SAW 190mm (EACH)	R	000000010	R
	BORE DIAMETER: 22mm NOISE SOUND PRESURE: 86 dB (A) NOISE SOUND PRESURE: 97 dB (A) NOISE K FACTOR: 3 dB (A) SPINDLE SIZE: M14 X 2mm MAX WHEEL DIAMETER: 115mm No LOAD SPEED 11000 rpm VIBRATION K FACTOR: 1.5 m/sec² VIBRATION: ARTICIAL WHEEL 7.5 m/sec² NET WEIGHT: 1.7- 2.4 Kg SKILL SAW 190mm (EACH) CONTINUOUS RATING INPUT 1,800W			
	BORE DIAMETER: 22mm NOISE SOUND PRESURE: 86 dB (A) NOISE SOUND PRESURE: 97 dB (A) NOISE K FACTOR: 3 dB (A) SPINDLE SIZE: M14 X 2mm MAX WHEEL DIAMETER: 115mm No LOAD SPEED 11000 rpm VIBRATION K FACTOR: 1.5 m/sec² VIBRATION: ARTICIAL WHEEL 7.5 m/sec² NET WEIGHT: 1.7- 2.4 Kg SKILL SAW 190mm (EACH) CONTINUOUS RATING INPUT 1,800W BLADE DIAMETER: 190mm			
	BORE DIAMETER: 22mm NOISE SOUND PRESURE: 86 dB (A) NOISE SOUND PRESURE: 97 dB (A) NOISE K FACTOR: 3 dB (A) SPINDLE SIZE: M14 X 2mm MAX WHEEL DIAMETER: 115mm No LOAD SPEED 11000 rpm VIBRATION K FACTOR: 1.5 m/sec² VIBRATION: ARTICIAL WHEEL 7.5 m/sec² NET WEIGHT: 1.7- 2.4 Kg SKILL SAW 190mm (EACH) CONTINUOUS RATING INPUT 1,800W BLADE DIAMETER: 190mm CAPACITY AT 90°: 65mm			
	BORE DIAMETER: 22mm NOISE SOUND PRESURE: 86 dB (A) NOISE SOUND PRESURE: 97 dB (A) NOISE K FACTOR: 3 dB (A) SPINDLE SIZE: M14 X 2mm MAX WHEEL DIAMETER: 115mm No LOAD SPEED 11000 rpm VIBRATION K FACTOR: 1.5 m/sec² VIBRATION: ARTICIAL WHEEL 7.5 m/sec² NET WEIGHT: 1.7- 2.4 Kg SKILL SAW 190mm (EACH) CONTINUOUS RATING INPUT 1,800W BLADE DIAMETER: 190mm			
	BORE DIAMETER: 22mm NOISE SOUND PRESURE: 86 dB (A) NOISE SOUND PRESURE: 97 dB (A) NOISE K FACTOR: 3 dB (A) SPINDLE SIZE: M14 X 2mm MAX WHEEL DIAMETER: 115mm No LOAD SPEED 11000 rpm VIBRATION K FACTOR: 1.5 m/sec² VIBRATION: ARTICIAL WHEEL 7.5 m/sec² NET WEIGHT: 1.7- 2.4 Kg SKILL SAW 190mm (EACH) CONTINUOUS RATING INPUT 1,800W BLADE DIAMETER: 190mm CAPACITY AT 90°: 65mm			
	BORE DIAMETER: 22mm NOISE SOUND PRESURE: 86 dB (A) NOISE SOUND PRESURE: 97 dB (A) NOISE K FACTOR: 3 dB (A) SPINDLE SIZE: M14 X 2mm MAX WHEEL DIAMETER: 115mm No LOAD SPEED 11000 rpm VIBRATION K FACTOR: 1.5 m/sec² VIBRATION: ARTICIAL WHEEL 7.5 m/sec² NET WEIGHT: 1.7- 2.4 Kg SKILL SAW 190mm (EACH) CONTINUOUS RATING INPUT 1,800W BLADE DIAMETER: 190mm CAPACITY AT 90°: 65mm			



	No L0AD SPEED (r /min) 2,300 - 5,000			
	NET WEIGHT: 5.2 Kg			
	POWER SUPPLY CORD 2.5m			
	VIBRATION EMISSION VALUE ah: 3m / s2			
15	12 LINE SELF LEVELLING LASER (EACH)	R	000000004	R
	LASER CLASS: CLASS 2,< 1m W POWER OUTPUT			
	WATERPROOF / DUST-PROOF GRADE: IP: 5/4			
	OVERALL- ALL ACCURACY: +_ 1mm / 7m			
	LASING DIODE: 500mm			
	LINE WIDTH: 2mm /5m			
	LEVELING RANGE +_ 30			
	LEVELING: GRAVITY PENDULUM			
	WORKING RANGE: 15- 25m			
	SELF - LEVELING : YES			
	LINE TYPE: 8/12 LINES			
	ROTATION DEGREE; 360° TURNABLE			
16	50,000 LUMEN LED WORK LIGHTS DUAL HEAD	***************************************	***************************************	
	WEATHER RESISTANT WITH TRIPOD STAND (EACH)	R	000000010	R
	COLOR: YELLOW AND BLACK			
	MATERIAL: STEEL, ABS, COPPER			
	OVERALL DIMENSION: 29.5"L X 29.5"W X 40.5"- 73.5" H			
	OVERALL WATTAGE: 100W			
	COLOR TEMPERATURE: 5000K DAYLIGHT WHITE			
	LUMINOUS FLUX: 50001m			
	TYPE OF BULB: LED			
	INPUT VOLTAGE: 120V AC			
	CURRENT FREQUENCY : 60HZ			
	CERTIFICATION: FCC			
17	PORTABLE WORK BENCH 4 IN 1 (EACH)	R	000000008	R
17	DUAL HEIGHT ADJUSTMENT LEGS FOLD UNDER TO	R	000000008	R
17	DUAL HEIGHT ADJUSTMENT LEGS FOLD UNDER TO LOWER HEIGHT FOR LARGER PROJECTS	R	000000008	R
17	DUAL HEIGHT ADJUSTMENT LEGS FOLD UNDER TO LOWER HEIGHT FOR LARGER PROJECTS HEAVY- GAUGE STEEL FRAME SECURELY SUPPORTS	R	000000008	R
17	DUAL HEIGHT ADJUSTMENT LEGS FOLD UNDER TO LOWER HEIGHT FOR LARGER PROJECTS HEAVY- GAUGE STEEL FRAME SECURELY SUPPORTS UP TO 550 LBS	R	800000000	R
17	DUAL HEIGHT ADJUSTMENT LEGS FOLD UNDER TO LOWER HEIGHT FOR LARGER PROJECTS HEAVY- GAUGE STEEL FRAME SECURELY SUPPORTS UP TO 550 LBS PORTABLE DESIGN FOLDS FOR EASY STORAGE	R	000000008	R
17	DUAL HEIGHT ADJUSTMENT LEGS FOLD UNDER TO LOWER HEIGHT FOR LARGER PROJECTS HEAVY- GAUGE STEEL FRAME SECURELY SUPPORTS UP TO 550 LBS PORTABLE DESIGN FOLDS FOR EASY STORAGE ONE- HANDED CLAMP TM SYSTEM ALLOWS CLAMPS TO	R	000000008	R
17	DUAL HEIGHT ADJUSTMENT LEGS FOLD UNDER TO LOWER HEIGHT FOR LARGER PROJECTS HEAVY- GAUGE STEEL FRAME SECURELY SUPPORTS UP TO 550 LBS PORTABLE DESIGN FOLDS FOR EASY STORAGE ONE- HANDED CLAMP TM SYSTEM ALLOWS CLAMPS TO BE ADJUST TOGETHER OR INDEPENDENTLY	R	000000008	R
17	DUAL HEIGHT ADJUSTMENT LEGS FOLD UNDER TO LOWER HEIGHT FOR LARGER PROJECTS HEAVY- GAUGE STEEL FRAME SECURELY SUPPORTS UP TO 550 LBS PORTABLE DESIGN FOLDS FOR EASY STORAGE ONE- HANDED CLAMP TM SYSTEM ALLOWS CLAMPS TO	R	000000008	R



CLAMPING IRREGULARLY SHAPED OJECTS LARGE WORKING SURFACE ENABLED WITH EXTRA BLOCK AND VISE- TO- WORKBENCH CONVERTER INSERT		INCLUDES FOR ADJUSTABLE SWIVEL PEGS FOR EASY	1	1	<u> </u>
LARGE WORKING SURFACE ENABLED WITH EXTRA					
BLOCK AND VISE- TO- WORKBENCH CONVERTER INSERT					
INSERT		ſ			
RATED POWER INPUT: 300Watt No -LOAD SPEED: 5.500- 11.000 rpm No -LOAD ORBITAL STROKE RATE: 11,009- 22.000rpm OSCILLATING CIRCUIT DIAMETER: 2,4mm WEIGHT: 2,3Kg SOUND PRESSURE LEVEL 76dB (A) SOUND POWER LEVEL 80dB (A) UNCERTAINTY K: 3dB RATED POWER INPUT: 300Watt 19					
RATED POWER INPUT: 300Watt No -LOAD SPEED: 5.500- 11.000 rpm No -LOAD ORBITAL STROKE RATE: 11,009- 22.000rpm OSCILLATING CIRCUIT DIAMETER: 2,4mm WEIGHT: 2,3Kg SOUND PRESSURE LEVEL 76dB (A) SOUND POWER LEVEL 80dB (A) UNCERTAINTY K: 3dB RATED POWER INPUT: 300Watt 19					
No -LOAD SPEED: 5.500- 11.000 rpm	18	ORBITAL SANDER (EACH)	R	800000000	R
No -LOAD ORBITAL STROKE RATE: 11,009-22.000rpm OSCILLATING CIRCUIT DIAMETER: 2,4mm WEIGHT: 2,3Kg SOUND PRESSURE LEVEL 76dB (A) SOUND PRESSURE LEVEL 80dB (A) UNCERTAINTY K: 3dB RATED POWER INPUT: 300Watt Public Stroke		RATED POWER INPUT: 300Watt			
OSCILLATING CIRCUIT DIAMETER: 2,4mm WEIGHT: 2,3kg SOUND PRESSURE LEVEL 76dB (A) SOUND POWER LEVEL 80dB (A) UNCERTAINTY K: 3dB RATED POWER INPUT: 300Watt SOUND POWER LEVEL 80dB (A) WICERTAINTY K: 3dB RATED POWER INPUT: 300Watt SOUND POWER SPEED: 500-3,000 rpm MAX IN WOOD: 80mm MAX IN WOOD: 80mm MAX IN WOOD: 80mm MAX IN STEEL: 5mm SELT WEIGHT: 2.0kg SELT SANDER (EACH) R O00000004 R R O00000004 R SELT SIZE: 100 X 610mm NOISE SOUND PRESSURE 86dB (A) NOISE SOUND PRESSURE 86dB (A) NOISE SOUND POWER 97dB (A) POWER RATING: 1200 Watt SELT SPEED: 500m/min WIBRATION K FACTOR: 1.5m/sec² VIBRATION K SANDING: 2.5m/sec² NET WEIGHT: 5,9kg SELT SPEED: 3,300 SFPM SELT SPEED: 2,300 SFPM DISC SIZE: 9"		No -LOAD SPEED: 5.500- 11.000 rpm			
WEIGHT: 2,3Kg SOUND PRESSURE LEVEL 76dB (A) SOUND POWER LEVEL 80dB (A) UNCERTAINTY K: 3dB RATED POWER INPUT: 300Watt		No -LOAD ORBITAL STROKE RATE: 11,009- 22.000rpm			
SOUND PRESSURE LEVEL 76dB (A) SOUND POWER LEVEL 80dB (A) UNCERTAINTY K: 3dB RATED POWER INPUT: 300Watt 19		OSCILLATING CIRCUIT DIAMETER: 2,4mm			
SOUND POWER LEVEL 80dB (A) UNCERTAINTY K: 3dB RATED POWER INPUT: 300Watt					
UNCERTAINTY K: 3dB RATED POWER INPUT: 300Watt 19 JIG SAW (EACH)		SOUND PRESSURE LEVEL 76dB (A)			
RATED POWER INPUT: 300Watt 19		SOUND POWER LEVEL 80dB (A)			
19		UNCERTAINTY K: 3dB			
NO LOAD SPEED: 500-3,000 rpm		RATED POWER INPUT: 300Watt			
NO LOAD SPEED: 500-3,000 rpm					
MAX IN WOOD: 80mm MAX IN STEEL: 5mm NET WEIGHT: 2.0Kg 0000000004 20 BELT SANDER (EACH) R 0000000004 R BELT SIZE: 100 X 610mm 0000000004 R NOISE SOUND PRESSURE 86dB (A) 0000000004 NOISE SOUND POWER 97dB (A) 0000000004 NOISE K FACTOR: 3Db (A) 0000000000 000000000000 NOISE SOUND POWER 97dB (A) 000000000000000000000000000000000000	19		R	000000004	R
MAX IN STEEL: 5mm NET WEIGHT: 2.0Kg 20 BELT SANDER (EACH) BELT SIZE: 100 X 610mm NOISE SOUND PRESSURE 86dB (A) NOISE SOUND POWER 97dB (A) NOISE K FACTOR: 3Db (A) POWER RATING: 1200 Watt BELT SPEED: 500m/min VIBRATION K FACTOR: 1.5m/sec² VIBRATION K SANDING: 2.5m/sec² NET WEIGHT: 5,9Kg 21 BELT AND DISC SANDER (EACH) BELT SPEED: 2,300 SFPM DISC SIZE: 9"		· '			
NET WEIGHT : 2.0Kg		MAX IN WOOD: 80mm			
20 BELT SANDER (EACH) BELT SIZE: 100 X 610mm NOISE SOUND PRESSURE 86dB (A) NOISE SOUND POWER 97dB (A) NOISE K FACTOR: 3Db (A) POWER RATING: 1200 Watt BELT SPEED: 500m/min VIBRATION K FACTOR: 1.5m/sec² VIBRATION K SANDING: 2.5m/sec² NET WEIGHT: 5,9Kg 21 BELT AND DISC SANDER (EACH) BELT SPEED: 2,300 SFPM DISC SIZE: 9"		MAX IN STEEL: 5mm			
BELT SIZE: 100 X 610mm		NET WEIGHT : 2.0Kg			
BELT SIZE: 100 X 610mm					
NOISE SOUND PRESSURE 86dB (A) NOISE SOUND POWER 97dB (A) NOISE K FACTOR: 3Db (A) POWER RATING: 1200 Watt BELT SPEED: 500m/min VIBRATION K FACTOR: 1.5m/sec² VIBRATION K SANDING: 2.5m/sec² NET WEIGHT: 5,9Kg 21 BELT AND DISC SANDER (EACH) BELT SIZE: 6" X 48" BELT SPEED: 2,300 SFPM DISC SIZE: 9"	20	<u> </u>	R	000000004	R
NOISE SOUND POWER 97dB (A) NOISE K FACTOR : 3Db (A) POWER RATING: 1200 Watt BELT SPEED: 500m/min VIBRATION K FACTOR : 1.5m/sec² VIBRATION K SANDING : 2.5m/sec² NET WEIGHT: 5,9Kg 21 BELT AND DISC SANDER (EACH) BELT SIZE: 6" X 48" BELT SPEED: 2,300 SFPM DISC SIZE: 9"					
NOISE K FACTOR : 3Db (A) POWER RATING: 1200 Watt BELT SPEED: 500m/min VIBRATION K FACTOR : 1.5m/sec² VIBRATION K SANDING : 2.5m/sec² NET WEIGHT: 5,9Kg 21 BELT AND DISC SANDER (EACH) BELT SIZE: 6" X 48" BELT SPEED: 2,300 SFPM DISC SIZE: 9"		L			
POWER RATING: 1200 Watt BELT SPEED: 500m/min VIBRATION K FACTOR: 1.5m/sec² VIBRATION K SANDING: 2.5m/sec² NET WEIGHT: 5,9Kg 21 BELT AND DISC SANDER (EACH) BELT SIZE: 6" X 48" BELT SPEED: 2,300 SFPM DISC SIZE: 9"		<u> </u>			
BELT SPEED: 500m/min VIBRATION K FACTOR: 1.5m/sec² VIBRATION K SANDING: 2.5m/sec² SELT WEIGHT: 5,9Kg 21 BELT AND DISC SANDER (EACH) R 0000000004 R BELT SIZE: 6" X 48" SELT SPEED: 2,300 SFPM DISC SIZE: 9" SELT SIZE: 6" X 48"		, ,			
VIBRATION K FACTOR: 1.5m/sec²					
VIBRATION K SANDING : 2.5m/sec²					
NET WEIGHT: 5,9Kg 8 21 BELT AND DISC SANDER (EACH) R 0000000004 R BELT SIZE: 6" X 48" 8 8 8 9 </td <td></td> <td></td> <td></td> <td></td> <td></td>					
21 BELT AND DISC SANDER (EACH) R 0000000004 R BELT SIZE: 6" X 48"					
BELT SIZE: 6" X 48"		NET WEIGHT: 5,9Kg			
BELT SIZE: 6" X 48" BELT SPEED: 2,300 SFPM DISC SIZE: 9"					
BELT SPEED: 2,300 SFPM DISC SIZE: 9"	21	I	R	000000004	R
DISC SIZE: 9"					
DISC SPEED: 2 000 PPM					
·		DISC SPEED: 3,000 RPM			
MOTOR: 3/4 HP,115V, 1PH		MOTOR: 3/4 HP, 115V, 1PH			
ITEM WEIGHT: 140 LBS PER EA			***		

22	230mm GRINDERS (EACH)	R	000000005	R
	INPUT POWER: 2,000 Watt			
	NO LOAD SPEED: 6,600/min			
	MAX.DISC DIAMETER: 230mm			
	VOLTAGE: 240Volt			
	SPINDLE THREAD: M14			
	LENGTH: 490mm			
	HEIGHT: 151mm			
	WEIGHT: 5,2Kg			
23	CUT OFF SAW (EACH)	R	00000008	R
	SAW TYPE: MITRE SAW			
	APPLICATION: WOOD SAW, METAL SAW			
	TYPE: PORTABLE			
	POWER SOURCE: ELECTRICITY			
	RATED VOLTAGE: 220- 240 Volt			
	RATED INPUT POWER: 1400 Watt			
	No – LOAD SPEED: 4200r/Min			
	FREQUENCY: 50Hz			
	BLADE DIAMETER: 216mm			
	MAX, CUTTING WIDTH: 120mm			
	MAX. CUTTING DEPTH: 58mm			
	DIMENSIONS: 64*60*42cm			
	WEIGHT: 32Kg			
	FUNCTION: MITRE SAW & TABLE SAW			
	TONOTION. WITHE SAVY & TABLE SAVV			
24	CORDLESS DRILL 18 Volt (EACH)	R	000000010	R
	VOLTAGE: 18V 5.0 Ah			
	CAPACITY: STEEL 13mm WOOD; 38mm; MASONRY;			
	13mm			
	No LOAD SPEED: Hi 0-1300 r/min; Lo; 0-400r/min			
	MAX ,FASTENING TORQUE: IMPACTS PER MIN : Hi 0-			**************************************
	19500 Lo: 0-6000HARD: 62Nm- SOFT: 36N			
	DIMENSIONS: 239mm (L) X 97mm (W) X 244mm (H)			
	WEIGHT: 1,7Kg			
	VOLTAGE: 18Volt 5.0Ah			
25	RADIAL ARM SAW (EACH)	R	000000004	R
	MODEL (STANDARD ARM/LONG ARM: MRA 450/450A			
	MAXIMUM DIAMETER OF SAW: 450mm			

CROSSCUT CAPACITY 90° : STD		MAXIMUM SAW PROLECTION: 155mm			
HEIGHT OF WORK TABLE : 813 mm		CROSSCUT CAPACITY 90°: STD		······································	
MOTOR POWER: 1 PHASE SPEED OF SPINDLE: 50Hz 3450rpm SAW SPINDLE DIAMETER: 30mm DUST OUTLET DIAMETER: 2 X 100mm EXTRACTION REQUIREMENTS: 800cfm 26 SURFACE AND THICKNESS PLANNER (EACH) LENGTH APPROX: 1105mm WIDTH / DEPTH APPROX: 750mm HEIGHT APPROX: 1075mm DRIVE MOTOR OUTPUT: 87Kg ABSORBED POWER DRIVE MOTOR: 1.2KW SUPPLY VOLTAGE: 1.8KW MAINS FREQUENCY: 50Hz SUCTION HOOD CONNECTION DIAMETER: 75mm SPEED: 8.5m/min MAX CUTTING DEPTH: 2mm AND 3mm PLANING STOP PIVOTING RANGE: 90-45° TYPE: STRIP PLANER KNIFE NUMBER OF PLANING BLADES: 2 ST SPEED: 6700min WORKING HEIGHT MIN: 6mm MAX PLANNING WIDTH: 254mm WORKING LENGTH MIN: 250mm 27 GENERATOR 10KVA PORTABLE (EACH) K V A: 10.0K V A CONTINUOUS OUTPUT: 9kVA MAXIMUM OUTPUT: 10kVA FUEL TANK CAPACITY: 18Lt CONT. WORKING TIME: 4.5hrs FUEL: PETROL Oil Aler: Yes PRODUCTION DIMENSION L X W X H: 1050 X 730 X 850mm		CROSSCUT CAPACITY 45°: STD			
SPEED OF SPINDLE: 50Hz 3450rpm SAW SPINDLE DIAMETER: 30mm DUST OUTLET DIAMETER: 2 X 100mm EXTRACTION REQUIREMENTS: 800cfm 26 SURFACE AND THICKNESS PLANNER (EACH) LENGTH APPROX: 1105mm WIDTH / DEPTH APPROX: 750mm HEIGHT APPROX: 1075mm DRIVE MOTOR OUTPUT: 87Kg ABSORBED POWER DRIVE MOTOR: 1.2KW SUPPLY VOLTAGE: 1.8KW MAINS FREQUENCY: 50Hz SUCTION HOND CONNECTION DIAMETER: 75mm SPEED: 8.5m/min MAX CUTTING DEPTH: 2mm AND 3mm PLANING STOP PIVOTING RANGE: 90-45° TYPE: STRIP PLANRE KNIFE NUMBER OF PLANING BLADES: 2 ST SPEED: 6700min WORKING HEIGHT MIN: 6mm MAX PLANNING WIDTH: 254mm WORKING LENGTH MIN: 250mm TO GENERATOR 10KVA PORTABLE (EACH) R VA : 10.0K V A CONTINUOUS OUTPUT: 9kVA MAXIMUM OUTPUT: 10kVA FUEL TANK CAPACITY: 18Lt CONT. WORKING TIME: 4.5hrs FUEL: PETROL Oil Aler: Yes PRODUCTION DIMENSION L X W X H: 1050 X 730 X 850mm		HEIGHT OF WORK TABLE : 813 mm			
SAW SPINDLE DIAMETER: 30mm DUST OUTLET DIAMETER: 2 X 100mm EXTRACTION REQUIREMENTS: 800cfm 26 SURFACE AND THICKNESS PLANNER (EACH) LENGTH APPROX: 1105mm WIDTH / DEPTH APPROX: 750mm HEIGHT APPROX: 1075mm DRIVE MOTOR OUTPUT: 87Kg ABSORBED POWER DRIVE MOTOR: 1.2kW SUPPLY VOLTAGE: 1.8kW MAINS FREQUENCY: 50Hz SUCTION HOOD CONNECTION DIAMETER: 75mm SUCTION UNIT CONNECTION DIAMETER: 75mm SPEED: 8.5m/min MAX CUTTING DEPTH: 2mm AND 3mm PLANING STOP PIVOTING RANGE: 90-45° TYPE: STRIP PLANER KNIFE NUMBER OF PLANING BLADES: 2 ST SPEED: 6700min WORKING HEIGHT MIN: 55mm WORKING HEIGHT MIN: 55mm WORKING HEIGHT MIN: 25mm WORKING HEIGHT MIN: 25mm WORKING HEIGHT MIN: 25mm FVA: 10.0K V A CONTINUOUS OUTPUT: 9kVA MAXIMUM OUTPUT: 10kVA FUEL TANK CAPACITY: 18Lt CONT. WORKING TIME: 4.5hrs FUEL: PETROL Oil Aler: Yes PRODUCTION DIMENSION L X W X H: 1050 X 730 X 850mm		MOTOR POWER: 1 PHASE			-
DUST OUTLET DIAMETER: 2 X 100mm EXTRACTION REQUIREMENTS: 800cfm 26 SURFACE AND THICKNESS PLANNER (EACH) R 0000000004 R LENGTH APPROX: 1105mm WIDTH / DEPTH APPROX: 750mm HEIGHT APPROX: 1075mm DRIVE MOTOR OUTPUT: 87Kg ABSORBED POWER DRIVE MOTOR: 1.2kW SUPPLY VOLTAGE: 1.8kW MAINS FREQUENCY: 50Hz SUCTION HOOD CONNECTION DIAMETER: 75mm SPEED: 8.5m/min MAX CUTTING DEPTH: 2mm AND 3mm PLAINIG STOP PIVOTING RANGE: 90-45° TYPE: STRIP PLANER KNIFE NUMBER OF PLANING BLADES: 2 ST SPEED: 670min WORKING HEIGHT MIN: 6mm MAX PLANNING WIDTH: 254mm WORKING LENGTH MIN: 250mm 27 GENERATOR 10KVA PORTABLE (EACH) R VA : 10.0K V A CONTINUOUS OUTPUT: 9kVA MAXIMUM OUTPUT: 10kVA FUEL TANK CAPACITY: 18Lt CONT. WORKING TIME: 4.5hrs FUEL: PETROL Oil Alert: Yes PRODUCTION DIMENSION L X W X H: 1050 X 730 X 850mm		SPEED OF SPINDLE: 50Hz 3450rpm			
EXTRACTION REQUIREMENTS: 800cfm 26 SURFACE AND THICKNESS PLANNER (EACH) R 0000000004 R LENGTH APPROX: 1105mm WIDTH / DEPTH APPROX: 750mm HEIGHT APPROX: 1075mm DRIVE MOTOR OUTPUT: 87Kg ABSORBED POWER DRIVE MOTOR: 1.2KW SUPPLY VOLTAGE: 1.8KW MAINS FREQUENCY: 50Hz SUCTION HOOD CONNECTION DIAMETER: 75mm SUCTION UNIT CONNECTION DIAMETER: 75mm SPED: 8.5m/min MAX CUTTING DEPTH: 2mm AND 3mm PLANING STOP PIVOTING RANGE: 90-45° TYPE: STRIP PLANER KNIFE NUMBER OF PLANING BLADES: 2 ST SPEED: 6700min WORKING HEIGHT MIN: 6mm MAX PLANNING WIDTH: 254mm WORKING LENGTH MIN: 250mm 27 GENERATOR 10KVA PORTABLE (EACH) R 0000000008 R K V A: 10.0K V A CONTINUOUS OUTPUT: 9kVA MAXIMUM OUTPUT: 10kVA FUEL TANK CAPACITY: 18Lt CONT.WORKING TIME: 4.5hrs FUEL: PETROL OI Alert: Yes PRODUCTION DIMENSION L X W X H: 1050 X 730 X 850mm		SAW SPINDLE DIAMETER: 30mm			
26 SURFACE AND THICKNESS PLANNER (EACH) R 0000000004 R LENGTH APPROX: 1105mm WIDTH / DEPTH APPROX: 750mm HEIGHT APPROX: 1075mm DRIVE MOTOR OUTPUT: 87Kg ABSORBED POWER DRIVE MOTOR: 1.2KW SUPPLY VOLTAGE: 1.8KW MAINS FREQUENCY: 50Hz SUCTION HOOD CONNECTION DIAMETER: 75mm SUCTION UNIT CONNECTION DIAMETER: 75mm SPEED: 8.5m/min MAX CUTTING DEPTH: 2mm AND 3mm PLANING STOP PIVOTING RANGE: 90-45° TYPE: STRIP PLANER KNIFE NUMBER OF PLANING BLADES: 2 ST SPEED: 6700min WORKING HEIGHT MIN: 8mm MAX PLANNING WIDTH: 254mm WORKING LENGTH MIN: 250mm 27 GENERATOR 10KVA PORTABLE (EACH) R 0000000008 R K V A: 10.0K V A CONTINUOUS OUTPUT: 9kVA MAXIMUM OUTPUT: 10kVA FUEL TANK CAPACITY: 18Lt CONT.WORKING TIME: 4.5hrs FUEL: PETROL Oil Alert: Yes PRODUCTION DIMENSION L X W X H: 1050 X 730 X 850mm		DUST OUTLET DIAMETER: 2 X 100mm			
LENGTH APPROX: 1105mm WIDTH / DEPTH APPROX: 750mm HEIGHT APPROX: 1075mm DRIVE MOTOR OUTPUT: 87Kg ABSORBED POWER DRIVE MOTOR: 1.2kW SUPPLY VOLTAGE: 1.8kW MAINS FREQUENCY: 50Hz SUCTION HOOD CONNECTION DIAMETER: 75mm SUCTION UNIT CONNECTION DIAMETER: 75mm SPEED: 8.5m/min MAX CUTTING DEPTH: 2mm AND 3mm PLANING STOP PIVOTING RANGE: 90-45° TYPE: STRIP PLANER KNIFE NUMBER OF PLANING BLADES: 2 ST SPEED: 6700min WORKING HEIGHT MIN: 6mm MAX PLANNING WIDTH: 254mm WORKING LENGTH MIN: 250mm 27 GENERATOR 10KVA PORTABLE (EACH) K V A: 10.0K V A CONTINUOUS OUTPUT: 9kVA MAXIMUM OUTPUT: 10kVA FUEL TANK CAPACITY: 18Lt CONT. WORKING TIME: 4.5hrs FUEL: PETROL Oil Alert: Yes PRODUCTION DIMENSION L X W X H: 1050 X 730 X 850mm		EXTRACTION REQUIREMENTS: 800cfm			
LENGTH APPROX: 1105mm WIDTH / DEPTH APPROX: 750mm HEIGHT APPROX: 1075mm DRIVE MOTOR OUTPUT: 87Kg ABSORBED POWER DRIVE MOTOR: 1.2kW SUPPLY VOLTAGE: 1.8kW MAINS FREQUENCY: 50Hz SUCTION HOOD CONNECTION DIAMETER: 75mm SUCTION UNIT CONNECTION DIAMETER: 75mm SPEED: 8.5m/min MAX CUTTING DEPTH: 2mm AND 3mm PLANING STOP PIVOTING RANGE: 90-45° TYPE: STRIP PLANER KNIFE NUMBER OF PLANING BLADES: 2 ST SPEED: 6700min WORKING HEIGHT MIN: 6mm MAX PLANNING WIDTH: 254mm WORKING LENGTH MIN: 250mm 27 GENERATOR 10KVA PORTABLE (EACH) K V A: 10.0K V A CONTINUOUS OUTPUT: 9kVA MAXIMUM OUTPUT: 10kVA FUEL TANK CAPACITY: 18Lt CONT. WORKING TIME: 4.5hrs FUEL: PETROL Oil Alert: Yes PRODUCTION DIMENSION L X W X H: 1050 X 730 X 850mm					
WIDTH / DEPTH APPROX: 750mm	26	SURFACE AND THICKNESS PLANNER (EACH)	R	000000004	R
HEIGHT APPROX: 1075mm DRIVE MOTOR OUTPUT: 87Kg ABSORBED POWER DRIVE MOTOR: 1.2KW SUPPLY VOLTAGE: 1.8KW MAINS FREQUENCY: 50Hz SUCTION HOOD CONNECTION DIAMETER: 75mm SUCTION UNIT CONNECTION DIAMETER: 75mm SPEED: 8.5m/min MAX CUTTING DEPTH: 2mm AND 3mm PLANING STOP PIVOTING RANGE: 90-45° TYPE: STRIP PLANER KNIFE NUMBER OF PLANING BLADES: 2 ST SPEED: 6700min WORKING HEIGHT MIN: 6mm MAX PLANNING WIDTH: 254mm WORKING LENGTH MIN: 250mm 27 GENERATOR 10KVA PORTABLE (EACH) K V A: 10.0K V A CONTINUOUS OUTPUT: 9kVA MAXIMUM OUTPUT: 10kVA FUEL TANK CAPACITY: 18Lt CONT.WORKING TIME: 4.5hrs FUEL: PETROL Oil Alert: Yes PRODUCTION DIMENSION L X W X H: 1050 X 730 X 850mm		LENGTH APPROX: 1105mm			
DRIVE MOTOR OUTPUT: 87Kg ABSORBED POWER DRIVE MOTOR: 1.2KW SUPPLY VOLTAGE: 1.8KW MAINS FREQUENCY: 50Hz SUCTION HOOD CONNECTION DIAMETER: 75mm SUCTION UNIT CONNECTION DIAMETER: 75mm SPEED: 8.5m/min MAX CUTTING DEPTH: 2mm AND 3mm PLANING STOP PIVOTING RANGE: 90-45° TYPE: STRIP PLANER KNIFE NUMBER OF PLANING BLADES: 2 ST SPEED: 6700min WORKING HEIGHT MIN: 6mm MAX PLANNING WIDTH: 254mm WORKING LENGTH MIN: 250mm 27 GENERATOR 10KVA PORTABLE (EACH) K V A: 10.0K V A CONTINUOUS OUTPUT: 9kVA MAXIMUM OUTPUT: 10kVA FUEL TANK CAPACITY: 18Lt CONT. WORKING TIME: 4.5hrs FUEL: PETROL Oil Alert: Yes PRODUCTION DIMENSION L X W X H: 1050 X 730 X 850mm		WIDTH / DEPTH APPROX: 750mm			
ABSORBED POWER DRIVE MOTOR: 1.2KW SUPPLY VOLTAGE: 1.8KW MAINS FREQUENCY: 50Hz SUCTION HOOD CONNECTION DIAMETER: 75mm SUCTION UNIT CONNECTION DIAMETER: 75mm SPEED: 8.5m/min MAX CUTTING DEPTH: 2mm AND 3mm PLANING STOP PIVOTING RANGE: 90-45° TYPE: STRIP PLANER KNIFE NUMBER OF PLANING BLADES: 2 ST SPEED: 6700min WORKING HEIGHT MIN: 6mm MAX PLANNING WIDTH: 254mm WORKING LENGTH MIN: 250mm 27 GENERATOR 10KVA PORTABLE (EACH) K V A: 10.0K V A CONTINUOUS OUTPUT: 9kVA MAXIMUM OUTPUT: 10kVA FUEL TANK CAPACITY: 18Lt CONT.WORKING TIME: 4.5hrs FUEL: PETROL Oil Alert: Yes PRODUCTION DIMENSION L X W X H: 1050 X 730 X 850mm		HEIGHT APPROX: 1075mm			
ABSORBED POWER DRIVE MOTOR: 1.2KW SUPPLY VOLTAGE: 1.8KW MAINS FREQUENCY: 50Hz SUCTION HOOD CONNECTION DIAMETER: 75mm SUCTION UNIT CONNECTION DIAMETER: 75mm SPEED: 8.5m/min MAX CUTTING DEPTH: 2mm AND 3mm PLANING STOP PIVOTING RANGE: 90-45° TYPE: STRIP PLANER KNIFE NUMBER OF PLANING BLADES: 2 ST SPEED: 6700min WORKING HEIGHT MIN: 6mm MAX PLANNING WIDTH: 254mm WORKING LENGTH MIN: 250mm 27 GENERATOR 10KVA PORTABLE (EACH) K V A: 10.0K V A CONTINUOUS OUTPUT: 9kVA MAXIMUM OUTPUT: 10kVA FUEL TANK CAPACITY: 18Lt CONT.WORKING TIME: 4.5hrs FUEL: PETROL Oil Alert: Yes PRODUCTION DIMENSION L X W X H: 1050 X 730 X 850mm		DRIVE MOTOR OUTPUT: 87Kg			\$
MAINS FREQUENCY: 50Hz SUCTION HOOD CONNECTION DIAMETER: 75mm SUCTION UNIT CONNECTION DIAMETER: 75mm SPEED: 8.5m/min MAX CUTTING DEPTH: 2mm AND 3mm PLANING STOP PIVOTING RANGE: 90-45° TYPE: STRIP PLANER KNIFE NUMBER OF PLANING BLADES: 2 ST SPEED: 6700min WORKING HEIGHT MIN: 6mm MAX PLANNING WIDTH: 254mm WORKING LENGTH MIN: 250mm 27 GENERATOR 10KVA PORTABLE (EACH) K V A: 10.0K V A CONTINUOUS OUTPUT: 9kVA MAXIMUM OUTPUT: 10kVA FUEL TANK CAPACITY: 18Lt CONT.WORKING TIME: 4.5hrs FUEL: PETROL Oil Alert: Yes PRODUCTION DIMENSION L X W X H: 1050 X 730 X 850mm					
SUCTION HOOD CONNECTION DIAMETER: 75mm SUCTION UNIT CONNECTION DIAMETER: 75mm SPEED: 8.5m/min MAX CUTTING DEPTH: 2mm AND 3mm PLANING STOP PIVOTING RANGE: 90-45° TYPE: STRIP PLANER KNIFE NUMBER OF PLANING BLADES: 2 ST SPEED: 6700min WORKING HEIGHT MIN: 6mm MAX PLANNING WIDTH: 254mm WORKING LENGTH MIN: 250mm 27 GENERATOR 10KVA PORTABLE (EACH) K V A: 10.0K V A CONTINUOUS OUTPUT: 9kVA MAXIMUM OUTPUT: 10kVA FUEL TANK CAPACITY: 18Lt CONT.WORKING TIME: 4.5hrs FUEL: PETROL Oil Alert: Yes PRODUCTION DIMENSION: L X W X H: 1050 X 730 X 850mm		SUPPLY VOLTAGE: 1.8KW			
SUCTION UNIT CONNECTION DIAMETER: 75mm SPEED: 8.5m/min MAX CUTTING DEPTH: 2mm AND 3mm PLANING STOP PIVOTING RANGE: 90-45° TYPE: STRIP PLANER KNIFE NUMBER OF PLANING BLADES: 2 ST SPEED: 6700min WORKING HEIGHT MIN: 6mm MAX PLANNING WIDTH: 254mm WORKING LENGTH MIN: 250mm 27 GENERATOR 10KVA PORTABLE (EACH) K V A: 10.0K V A CONTINUOUS OUTPUT: 9kVA MAXIMUM OUTPUT: 10kVA FUEL TANK CAPACITY: 18Lt CONT.WORKING TIME: 4.5hrs FUEL: PETROL Oil Alert: Yes PRODUCTION DIMENSION L X W X H: 1050 X 730 X 850mm		MAINS FREQUENCY: 50Hz			
SPEED: 8.5m/min		SUCTION HOOD CONNECTION DIAMETER: 75mm			
MAX CUTTING DEPTH: 2mm AND 3mm PLANING STOP PIVOTING RANGE: 90-45° TYPE: STRIP PLANER KNIFE NUMBER OF PLANING BLADES: 2 ST SPEED: 6700min WORKING HEIGHT MIN: 6mm MAX PLANNING WIDTH: 254mm WORKING LENGTH MIN: 250mm 27 GENERATOR 10KVA PORTABLE (EACH) R 0000000008 R K V A: 10.0K V A CONTINUOUS OUTPUT: 9kVA MAXIMUM OUTPUT: 10kVA FUEL TANK CAPACITY: 18Lt CONT.WORKING TIME: 4.5hrs FUEL: PETROL Oil Alert: Yes PRODUCTION DIMENSION L X W X H: 1050 X 730 X 850mm		SUCTION UNIT CONNECTION DIAMETER: 75mm			
PLANING STOP PIVOTING RANGE: 90-450 TYPE: STRIP PLANER KNIFE NUMBER OF PLANING BLADES: 2 ST SPEED: 6700min WORKING HEIGHT MIN: 6mm MAX PLANNING WIDTH: 254mm WORKING LENGTH MIN: 250mm 27 GENERATOR 10KVA PORTABLE (EACH) K V A: 10.0K V A CONTINUOUS OUTPUT: 9kVA MAXIMUM OUTPUT: 10kVA FUEL TANK CAPACITY: 18Lt CONT.WORKING TIME: 4.5hrs FUEL: PETROL Oil Alert: Yes PRODUCTION DIMENSION L X W X H: 1050 X 730 X 850mm		SPEED: 8.5m/min			
TYPE: STRIP PLANER KNIFE NUMBER OF PLANING BLADES: 2 ST SPEED: 6700min WORKING HEIGHT MIN: 6mm MAX PLANNING WIDTH: 254mm WORKING LENGTH MIN: 250mm 27 GENERATOR 10KVA PORTABLE (EACH) K V A: 10.0K V A CONTINUOUS OUTPUT: 9kVA MAXIMUM OUTPUT: 10kVA FUEL TANK CAPACITY: 18Lt CONT.WORKING TIME: 4.5hrs FUEL: PETROL Oil Alert: Yes PRODUCTION DIMENSION L X W X H: 1050 X 730 X 850mm		MAX CUTTING DEPTH: 2mm AND 3mm			
NUMBER OF PLANING BLADES: 2 ST SPEED: 6700min WORKING HEIGHT MIN: 6mm MAX PLANNING WIDTH: 254mm WORKING LENGTH MIN: 250mm WORKING LENGTH MIN: 250mm R	•	PLANING STOP PIVOTING RANGE: 90-450			
SPEED: 6700min		TYPE: STRIP PLANER KNIFE			
WORKING HEIGHT MIN: 6mm		NUMBER OF PLANING BLADES: 2 ST			
MAX PLANNING WIDTH: 254mm WORKING LENGTH MIN: 250mm 27 GENERATOR 10KVA PORTABLE (EACH) R 0000000008 R K V A: 10.0K V A CONTINUOUS OUTPUT: 9kVA MAXIMUM OUTPUT: 10kVA FUEL TANK CAPACITY: 18Lt CONT.WORKING TIME: 4.5hrs FUEL: PETROL Oil Alert: Yes PRODUCTION DIMENSION L X W X H: 1050 X 730 X 850mm		SPEED: 6700min			
WORKING LENGTH MIN: 250mm 27 GENERATOR 10KVA PORTABLE (EACH) R 0000000008 R K V A : 10.0K V A CONTINUOUS OUTPUT: 9kVA MAXIMUM OUTPUT : 10kVA FUEL TANK CAPACITY: 18Lt CONT.WORKING TIME: 4.5hrs FUEL: PETROL Oil Alert : Yes PRODUCTION DIMENSION L X W X H: 1050 X 730 X 850mm		WORKING HEIGHT MIN: 6mm			
27 GENERATOR 10KVA PORTABLE (EACH) R 0000000008 R K V A : 10.0K V A CONTINUOUS OUTPUT: 9kVA MAXIMUM OUTPUT : 10kVA FUEL TANK CAPACITY: 18Lt CONT.WORKING TIME: 4.5hrs FUEL: PETROL Oil Alert : Yes PRODUCTION DIMENSION L X W X H: 1050 X 730 X 850mm		MAX PLANNING WIDTH: 254mm			
K V A: 10.0K V A CONTINUOUS OUTPUT: 9kVA MAXIMUM OUTPUT: 10kVA FUEL TANK CAPACITY: 18Lt CONT.WORKING TIME: 4.5hrs FUEL: PETROL Oil Alert: Yes PRODUCTION DIMENSION L X W X H: 1050 X 730 X 850mm		WORKING LENGTH MIN: 250mm			
K V A: 10.0K V A CONTINUOUS OUTPUT: 9kVA MAXIMUM OUTPUT: 10kVA FUEL TANK CAPACITY: 18Lt CONT.WORKING TIME: 4.5hrs FUEL: PETROL Oil Alert: Yes PRODUCTION DIMENSION L X W X H: 1050 X 730 X 850mm	***************************************	1 = VIVI ADMINISTRA (A			
CONTINUOUS OUTPUT: 9kVA MAXIMUM OUTPUT: 10kVA FUEL TANK CAPACITY: 18Lt CONT.WORKING TIME: 4.5hrs FUEL: PETROL Oil Alert: Yes PRODUCTION DIMENSION L X W X H: 1050 X 730 X 850mm	27	GENERATOR 10KVA PORTABLE (EACH)	R	000000008	R
MAXIMUM OUTPUT: 10kVA FUEL TANK CAPACITY: 18Lt CONT.WORKING TIME: 4.5hrs FUEL: PETROL Oil Alert: Yes PRODUCTION DIMENSION L X W X H: 1050 X 730 X 850mm		K V A : 10.0K V A			***************************************
FUEL TANK CAPACITY: 18Lt CONT.WORKING TIME: 4.5hrs FUEL: PETROL Oil Alert: Yes PRODUCTION DIMENSION L X W X H: 1050 X 730 X 850mm		CONTINUOUS OUTPUT: 9kVA			
CONT.WORKING TIME: 4.5hrs FUEL: PETROL Oil Alert: Yes PRODUCTION DIMENSION L X W X H: 1050 X 730 X 850mm		MAXIMUM OUTPUT : 10kVA			
FUEL: PETROL Oil Alert : Yes PRODUCTION DIMENSION L X W X H: 1050 X 730 X 850mm		FUEL TANK CAPACITY: 18Lt			5
Oil Alert : Yes PRODUCTION DIMENSION L X W X H: 1050 X 730 X 850mm		CONT.WORKING TIME: 4.5hrs			
PRODUCTION DIMENSION L X W X H: 1050 X 730 X 850mm		FUEL: PETROL			
850mm		Oil Alert : Yes			
		PRODUCTION DIMENSION L X W X H: 1050 X 730 X			
NET WEIGHT (Kg): 135 Kg					
		NET WEIGHT (Kg): 135 Kg			



28	RECIPROCATING SAW (EACH)	R	0000000010	R
	HEIGHT: 178 cm			
	GROSS WEIGHT: 3.5Kg			
	DEPTH: 435cm			
	FIXING THE BLADE QUICK: NO KEY			
	STEEL CUTTING CAPACITY: 100mm			
	WOOD CUTTING CAPACITY: 280mm			
	POWER: FROM 1.000 TO 1.500 Watt			
	VARIABLE SPEED: YES			
	USE; CUTTING WOOD,METAL,PLASTER,BREEZE			
	BLOCKS AND BRICKS			
	BLADE TRAVEL : 29mm			
	MAXIMUM NO- LOAD SPEED: 0-2800 rpm			
29	KEY CUTTING MACHINE (EACH)	R	000000002	R
	POWER SUPPLY: 230Volt – 50/60Hz – 120Volt 60Hz			
	CUTTER MOTOR: SINGLE PHASE AND SPEED			
	CUTTER: HSS (HIGH SPEED STEEL)			
	CUTTER SPEED: 650rpm (230Volt) - rpm (120 Volt)			
	STANDARD CLAMP: ROTATING 4- SIDE CLAMPSN-			
	CLAMP KNOB WITH DYNAMOMETRIC CONTROL SYSTEM			
	MOVEMENTS: ON SINTERED, SELF CLEANING AND SELF			
	LUBRICATING BUSHING			
	CARRIAGE RUNS: 42 mm			
	DIMENSIONS: WIDTH:400mm , DEPTH: 520mm , HEIGHT			
	:400mm			
	WEIGHT: 21.5Kg			
30	LOCK MORTICE MACHINE (EACH)	R	8000000008	R
	POWER: 1.1KW			
	DIAMETER OF THE DRILL: 16-30mm	Y		
	MAX REVOLVING SPEED: 23000 r/min			
	WORKING DEPTH: 0-125mm			
	WORKING LENGTH: 0-160mm			
	HOLDER WORKING LENGTH: 0-130			
	NET WEIGHT: 12.3Kg			
	SIZE: 600* 350* 530mm			
31	RIVET GUN {LAZY TONG } (EACH)	R	000000010	R
	SETS 3.2,4.0,& 4.8mm ALUMINIUM AND STEEL BLIND RIVETS			



	CAST IN NOSE BUSH THAT DOES NOT WORK LOOSE			<u> </u>
	RIVETED LATTICE TO HANDLE FIXING			
	FH- 44 IS TOUGH ENOUGH TO TAKE THE WORST			
	ABUSE			
	IMPROVE LATTICE TO BODY FIXING			
	WEIGHT: 2.00 Kg			
	DIMENSIONS: 35.00 X 22.00 X 5.50cm			
32	HANDGRIP POP RVETER (EACH)	R	000000010	R
	HEAVY DUTY HAND RIVETER			
	90° HEAD FOR FASTENING RIVETS IN A VARIETY			
	MATERIALS			
	SPRING LOADED HANDLE EJECTS HEADS			
******	ALL STEEL CONSTRUCTION WITH CONTOURED			
	ALL STEEL CONSTRUCTION WITH CONTOURED RUBBER GRIPS			
<u> </u>	FOUR NOSE PIECES FOR RIVETS SIZES:			
1	1/8",3/32",5/32",3/16			
	, , , , , , , , , , , , , , , , , , , ,			
33	BAND SAW (EACH)	R	000000003	R
	BAND SAW SIZE/WHEEL DIAMETER(IN): 14"			
	BAND SAW SIZE/WHEEL DIAMETER(IN): 14			
	CUTTING CAPACITY WIDTH (IN): 13- 1/2 "	Woman		
	CUTTING CAPACITY WIDTH (IN): 13- 1/2 "			
	CUTTING CAPACITY WIDTH (IN): 13- 1/2 " CUTTING CAPACITY HEIGHT (IN): 13"			
	CUTTING CAPACITY WIDTH (IN): 13- 1/2 " CUTTING CAPACITY HEIGHT (IN): 13" BLADE LENGTH (IN): 116"			
	CUTTING CAPACITY WIDTH (IN): 13- 1/2 " CUTTING CAPACITY HEIGHT (IN): 13" BLADE LENGTH (IN): 116" BLADE SPEED (SFPM): 3,000 TABLE SIZE (LXW) (IN): 21" X 17" MAXIMUN SAW BLADE WIDTH (IN): 3/4"			
	CUTTING CAPACITY WIDTH (IN): 13- 1/2 " CUTTING CAPACITY HEIGHT (IN): 13" BLADE LENGTH (IN): 116" BLADE SPEED (SFPM): 3,000 TABLE SIZE (LXW) (IN): 21" X 17" MAXIMUN SAW BLADE WIDTH (IN): 3/4" TABLE TILT (DEG): 45 RIGHT			
	CUTTING CAPACITY WIDTH (IN): 13- 1/2 " CUTTING CAPACITY HEIGHT (IN): 13" BLADE LENGTH (IN): 116" BLADE SPEED (SFPM): 3,000 TABLE SIZE (LXW) (IN): 21" X 17" MAXIMUN SAW BLADE WIDTH (IN): 3/4" TABLE TILT (DEG): 45 RIGHT TABLE HEIGHT FROM FLOOR (IN): 40" '			
	CUTTING CAPACITY WIDTH (IN): 13- 1/2 " CUTTING CAPACITY HEIGHT (IN): 13" BLADE LENGTH (IN): 116" BLADE SPEED (SFPM): 3,000 TABLE SIZE (L X W) (IN): 21" X 17" MAXIMUN SAW BLADE WIDTH (IN): 3/4" TABLE TILT (DEG): 45 RIGHT TABLE HEIGHT FROM FLOOR (IN): 40" TABLE T-SLOT (IN): 3/4 (X 2)			
	CUTTING CAPACITY WIDTH (IN): 13- 1/2 " CUTTING CAPACITY HEIGHT (IN): 13" BLADE LENGTH (IN): 116" BLADE SPEED (SFPM): 3,000 TABLE SIZE (LXW) (IN): 21" X 17" MAXIMUN SAW BLADE WIDTH (IN): 3/4" TABLE TILT (DEG): 45 RIGHT TABLE HEIGHT FROM FLOOR (IN): 40" TABLE T-SLOT (IN): 3/4 (X2) MOTOR POWER (HP): 1.75			
	CUTTING CAPACITY WIDTH (IN): 13- 1/2 " CUTTING CAPACITY HEIGHT (IN): 13" BLADE LENGTH (IN): 116" BLADE SPEED (SFPM): 3,000 TABLE SIZE (LXW) (IN): 21" X 17" MAXIMUN SAW BLADE WIDTH (IN): 3/4" TABLE TILT (DEG): 45 RIGHT TABLE HEIGHT FROM FLOOR (IN): 40" TABLE T-SLOT (IN): 3/4 (X2) MOTOR POWER (HP): 1.75 MOTOR VOLTAGE (V): 115/230			
	CUTTING CAPACITY WIDTH (IN): 13- 1/2 " CUTTING CAPACITY HEIGHT (IN): 13" BLADE LENGTH (IN): 116" BLADE SPEED (SFPM): 3,000 TABLE SIZE (LXW) (IN): 21" X 17" MAXIMUN SAW BLADE WIDTH (IN): 3/4" TABLE TILT (DEG): 45 RIGHT TABLE HEIGHT FROM FLOOR (IN): 40" TABLE T-SLOT (IN): 3/4 (X2) MOTOR POWER (HP): 1.75			
	CUTTING CAPACITY WIDTH (IN): 13- 1/2 " CUTTING CAPACITY HEIGHT (IN): 13" BLADE LENGTH (IN): 116" BLADE SPEED (SFPM): 3,000 TABLE SIZE (LXW) (IN): 21" X 17" MAXIMUN SAW BLADE WIDTH (IN): 3/4" TABLE TILT (DEG): 45 RIGHT TABLE HEIGHT FROM FLOOR (IN): 40" 'TABLE T-SLOT (IN): 3/4 (X2) MOTOR POWER (HP): 1.75 MOTOR VOLTAGE (V): 115/230 MOTOR AMPS: 15/7.5			
34	CUTTING CAPACITY WIDTH (IN): 13- 1/2 " CUTTING CAPACITY HEIGHT (IN): 13" BLADE LENGTH (IN): 116" BLADE SPEED (SFPM): 3,000 TABLE SIZE (LXW) (IN): 21" X 17" MAXIMUN SAW BLADE WIDTH (IN): 3/4" TABLE TILT (DEG): 45 RIGHT TABLE HEIGHT FROM FLOOR (IN): 40" TABLE T-SLOT (IN): 3/4 (X2) MOTOR POWER (HP): 1.75 MOTOR VOLTAGE (V): 115/230 MOTOR AMPS: 15/7.5	R	0000000008	R
34	CUTTING CAPACITY WIDTH (IN): 13- 1/2 " CUTTING CAPACITY HEIGHT (IN): 13" BLADE LENGTH (IN): 116" BLADE SPEED (SFPM): 3,000 TABLE SIZE (LXW) (IN): 21" X 17" MAXIMUN SAW BLADE WIDTH (IN): 3/4" TABLE TILT (DEG): 45 RIGHT TABLE HEIGHT FROM FLOOR (IN): 40" TABLE T-SLOT (IN): 3/4 (X2) MOTOR POWER (HP): 1.75 MOTOR VOLTAGE (V): 115/230 MOTOR AMPS: 15/7.5 62 PIECES TOOL BOX (EACH) TOOL BOX CONSISTS	R	000000008	R
34	CUTTING CAPACITY WIDTH (IN): 13- 1/2 " CUTTING CAPACITY HEIGHT (IN): 13" BLADE LENGTH (IN): 116" BLADE SPEED (SFPM): 3,000 TABLE SIZE (LXW) (IN): 21" X 17" MAXIMUN SAW BLADE WIDTH (IN): 3/4" TABLE TILT (DEG): 45 RIGHT TABLE HEIGHT FROM FLOOR (IN): 40" ' TABLE T-SLOT (IN): 3/4 (X2) MOTOR POWER (HP): 1.75 MOTOR VOLTAGE (V): 115/230 MOTOR AMPS: 15/7.5 62 PIECES TOOL BOX (EACH) TOOL BOX CONSISTS 18 X OPEN /CLOSE SPANNERS (0-23mm)	R	0000000008	R
34	CUTTING CAPACITY WIDTH (IN): 13- 1/2 " CUTTING CAPACITY HEIGHT (IN): 13" BLADE LENGTH (IN): 116" BLADE SPEED (SFPM): 3,000 TABLE SIZE (LXW) (IN): 21" X 17" MAXIMUN SAW BLADE WIDTH (IN): 3/4" TABLE TILT (DEG): 45 RIGHT TABLE HEIGHT FROM FLOOR (IN): 40" 'TABLE T-SLOT (IN): 3/4 (X2) MOTOR POWER (HP): 1.75 MOTOR VOLTAGE (V): 115/230 MOTOR AMPS: 15/7.5 62 PIECES TOOL BOX (EACH) TOOL BOX CONSISTS 18 X OPEN /CLOSE SPANNERS (0-23mm) 9 X ALLEN KEYS (1,5-10mm)	R	0000000008	R
34	CUTTING CAPACITY WIDTH (IN): 13- 1/2 " CUTTING CAPACITY HEIGHT (IN): 13" BLADE LENGTH (IN): 116" BLADE SPEED (SFPM): 3,000 TABLE SIZE (LXW) (IN): 21" X 17" MAXIMUN SAW BLADE WIDTH (IN): 3/4" TABLE TILT (DEG): 45 RIGHT TABLE HEIGHT FROM FLOOR (IN): 40" ' TABLE T-SLOT (IN): 3/4 (X2) MOTOR POWER (HP): 1.75 MOTOR VOLTAGE (V): 115/230 MOTOR AMPS: 15/7.5 62 PIECES TOOL BOX (EACH) TOOL BOX CONSISTS 18 X OPEN /CLOSE SPANNERS (0-23mm) 9 X ALLEN KEYS (1,5-10mm) 3 X PLIERS (COMBNATION,SIDE CUTTER & LONG NOSE)	R	000000008	R
34	CUTTING CAPACITY WIDTH (IN): 13- 1/2 " CUTTING CAPACITY HEIGHT (IN): 13" BLADE LENGTH (IN): 116" BLADE SPEED (SFPM): 3,000 TABLE SIZE (LXW) (IN): 21" X 17" MAXIMUN SAW BLADE WIDTH (IN): 3/4" TABLE TILT (DEG): 45 RIGHT TABLE HEIGHT FROM FLOOR (IN): 40" 'TABLE T-SLOT (IN): 3/4 (X2) MOTOR POWER (HP): 1.75 MOTOR VOLTAGE (V): 115/230 MOTOR AMPS: 15/7.5 62 PIECES TOOL BOX (EACH) TOOL BOX CONSISTS 18 X OPEN /CLOSE SPANNERS (0-23mm) 9 X ALLEN KEYS (1,5-10mm)	R	000000008	R



1 X ½ RATCHET			
1 X ½ UNIVERSAL JOINT			
1 X ½ T BAR			
1 X ½ POWER BAR			
3 X EXSTENSIONS (SHORT, MEDIUM & LONG			
1 X TOOL BOX			
ALUMINIUM SUCTION LIFT GLASS LIFTER SUCKER			
	R	0000000010	R
CASE MATERIAL : ALUMINIUM			
HORIZONTAL CAPACITY MAX: 120Kg			
VERTICAL CAPACITY MAX: 100Kg			
NET WEIGHT: 1.3 Kg			
SUCTION CUP DIAMETER: 120mm			
HIGH STRENGHT ALUMINIUM HANDLES, NON-SLIP, SAFE			
DURABLE			
AND OTHER SMOOTH MATERIALS			
500 L 8 HP DIESEL CONCRETE MIXER (EACH)	R	000000003	R
SPECIFICATION: CAPACITY 500 L,MOTOR 8hp DIESEL			
POWER			
·			
WEIGHT: 400Kg			
	R	0000000004	R
·			
230V- ZERO DUST - 55941			
	\$		
	R	0000000010	R
	Same and the same		
WEIGHT: 5,9Kg			
	<u> </u>		
CHISELING CONCRETE			
HEAVY DUTY ELECTRIC JACK HAMMER / CONCRETE			
	R	80000000008	R
SPECFICATION: RATED VOLTAGE: 230 Volts		113000000	'`
	1 X ½ UNIVERSAL JOINT 1 X ½ T BAR 1 X ½ POWER BAR 3 X EXSTENSIONS (SHORT, MEDIUM & LONG 1 X TOOL BOX ALUMINIUM SUCTION LIFT GLASS LIFTER SUCKER VACUUM WITH 3 CLAWS SILVER (EACH) CASE MATERIAL: ALUMINIUM HORIZONTAL CAPACITY MAX: 120Kg VERTICAL CAPACITY MAX: 100Kg NET WEIGHT: 1.3 Kg SUCTION CUP DIAMETER: 120mm HIGH STRENGHT ALUMINIUM HANDLES, NON-SLIP,SAFE DURABLE FUNCTION: USED TO VACUUM GLASS,TILES FLOORS AND OTHER SMOOTH MATERIALS 500 L 8 HP DIESEL CONCRETE MIXER (EACH) SPECIFICATION: CAPACITY 500 L,MOTOR 8hp DIESEL POWER ENGEN, 4- STROKE DRUM SPEED 30rpm DIMENSIONS: 2 0000 X 1090 X 1115mm WEIGHT: 400Kg ELECTRIC WATER TILE CUTTER (EACH) SPECIFICATION: DC-250, 1200 ELECTRIC WET, TLIE CUTTER WET SAW 230V- ZERO DUST - 55941 ELECTRIC CHIPPER (EACH) SPECIFICATION: HM 12002 C WEIGHT: 5,9Kg DEMOLITION CONCRETE CHISELING CONCRETE	1 X ½ UNIVERSAL JOINT 1 X ½ T BAR 1 X ½ POWER BAR 3 X EXSTENSIONS (SHORT, MEDIUM & LONG 1 X TOOL BOX ALUMINIUM SUCTION LIFT GLASS LIFTER SUCKER VACUUM WITH 3 CLAWS SILVER (EACH) CASE MATERIAL : ALUMINIUM HORIZONTAL CAPACITY MAX: 120Kg VERTICAL CAPACITY MAX: 120Kg VERTICAL CAPACITY MAX: 100Kg NET WEIGHT : 1.3 Kg SUCTION CUP DIAMETER: 120mm HIGH STRENGHT ALUMINIUM HANDLES, NON-SLIP,SAFE DURABLE FUNCTION: USED TO VACUUM GLASS,TILES FLOORS AND OTHER SMOOTH MATERIALS 500 L 8 HP DIESEL CONCRETE MIXER (EACH) SPECIFICATION: CAPACITY 500 L,MOTOR 8hp DIESEL POWER ENGEN, 4- STROKE DRUM SPEED 30rpm DIMENSIONS: 2 0000 X 1090 X 1115mm WEIGHT: 400Kg ELECTRIC WATER TILE CUTTER (EACH) SPECIFICATION: DC-250, 1200 ELECTRIC WET, TLIE CUTTER WET SAW 230V- ZERO DUST - 55941 ELECTRIC CHIPPER (EACH) SPECIFICATION: HM 12002 C WEIGHT: 5,9Kg DEMOLITION CONCRETE CHISELING CONCRETE HEAVY DUTY ELECTRIC JACK HAMMER / CONCRETE BREAKER (EACH) R	1 X ½ UNIVERSAL JOINT 1 X ½ T BAR 1 X ½ POWER BAR 3 X EXSTENSIONS (SHORT, MEDIUM & LONG 1 X TOOL BOX ALUMINIUM SUCTION LIFT GLASS LIFTER SUCKER VACUUM WITH 3 CLAWS SILVER (EACH) CASE MATERIAL: ALUMINIUM HORIZONTAL CAPACITY MAX: 120Kg VERTICAL CAPACITY MAX: 120Kg VERTICAL CAPACITY MAX: 100Kg NET WEIGHT: 1.3 Kg SUCTION CUP DIAMETER: 120mm HIGH STRENGHT ALUMINIUM HANDLES, NON-SLIP,SAFE DURABLE FUNCTION: USED TO VACUUM GLASS, TILES FLOORS AND OTHER SMOOTH MATERIALS 500 L 8 HP DIESEL CONCRETE MIXER (EACH) RPOWER ENGEN, 4- STROKE DRUM SPEED 30rpm DIMENSIONS: 2 0000 X 1090 X 1115mm WEIGHT: 400Kg ELECTRIC WATER TILE CUTTER (EACH) RPECIFICATION: DC-250, 1200 ELECTRIC WET, TLIE CUTTER WET SAW 230V- ZERO DUST - 55941 ELECTRIC CHIPPER (EACH) RPEONOGOOODOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO



	IMPACT SPEED- 3800 BPM			of the same of the
	RATED POWER: INPUT- 1200Watts			
	G,W/N,W - 18/13Kg			
	MEAS-* 49*35*25cm			
40	CONCRETE CUTTER (EACH)	R	000000003	R
	SPECFICATION: ENGEN TYPE: DIESEL			
	KIPOR: 170		***	
	POWER KW (HP: 31 (4.2)			
	OPERATION MASS Kg: (LB) - 96 (215)			
	MAX. CUTTING DEPTH cm – 9(3.5)		***	
	BLADE SIZE cm - 30-35 (12-14)			
	DEPTH ADJUSTMENT: HANDLE ROTATION			
	DRIVING MANUAL PUSH			
	WATER TANK CAPACITY: L (gal) 12 (2.6)			
	DIMENSION: cm 165 X 48 X 95 (65 X 19 X 37			
41	METAL ROLLER 80KG (EACH)	R	000000004	R
	SPECFICATION: 100lb			
	VINYL FLOOR ROLLER			
	SMOOTH WORK GREAT.			
42	PETROL COMPACTOR 4 STROKE 4 HP (EACH)	R	000000004	R
	SPECFICATION: WEIGHT- 73Kg			
	BASE: 330 X 280mm			
	DIMENSION: L X B X H 690 X 400 X 1115mm			
43	POWER HAMMER DRILL 13mm (EACH)	R	0000000010	R
	SPECFICATION: VOLTAGE RATING: - 230Volt			
	CORED/ CORDLESS – CORED			
	BRUSH/BRUSHLESS MOTOR- BRUSH			
	VOLTAGE: 650Watt			
	DRILL CAPACITY: MAONRY- 16mm			
	DRILL CAPACITY: Metal - 13mm			
45	TILE CEMENT MIXER (EACH)	R	000000003	R
	SPECFICATION: VOLTS: 220 Volt			
	POWER: 2100 Watt			
	RATED FREQUENCY: 50 / 60HZ			
	RATED SPEED: 0- 800 r/min			
	COLOUR: BLUE			



	MIXING ROD SIZE> 60cm			
46	MOBILE LADDER STAGES (EACH)	R	8000000008	R
	PLATFORM: 1780mm X 400mm			
	ADJUSTABLE PLATFORM HEIGHT: FROM 0.95m - 2,15m			
	REACH HEIGHT: UP TO 3m			
	LOCKABLE 100mm CASTERS			
	LOAD RATED: FOR 2 MEN + HAND TOOLS { 180Kg }			
	EASILY DISASSEMBLED FOR TRANSPORT			
	BASE DIMENSION: 800 X 2150mm			
47	6 FOOT ALUMINIUM LADDERS (EACH)	R	0000000010	R
	WORKING LOAD: 135Kg			
	HEAVY DUTY RIVETED STEPS	**		
	WIDE TREAD STEPS			
	RUBBER NON- SLIP FEET			
		†		
48	8 FOOT ALUMINIUM LADDERS (EACH)	R	0000000010	R
	WORKING LOAD: 135Kg			
	HEAVY DUTY RIVETED STEPS			***************************************
	WIDE TREAD STEPS			
	RUBBER NON- SLIP FEET	4		
49	10 FOOT ALUMINIUM LADDERS (EACH)	R	000000010	R
	WORKING LOAD : 135Kg			
	HEAVY DUTY RIVETED STEPS			
	WIDE TREAD STEPS			
	RUBBER NON- SLIP FEET			
50	12" FOOT ALUMINIUM LADDERS (EACH)	R	0000000010	R
	WORKING LOAD : 135Kg			
	HEAVY DUTY RIVETED STEPS			
	WIDE TREAD STEPS			
	RUBBER NON- SLIP FEET			



51	10 FOOT ALUMINIUM EXSTENSION LADDERS (EACH)	R	000000010	R
	HEAVY DUTY SECTIONS			
	SAFE WORKING LOAD : 135Kg			
	D- STYLE RUNG ELIMINATES TWISTING			
	EASY TO HANDLE			
	RUBBER NON- SLIP FEET			1
52	12 FOOT ALUMINIUM EXSTENSION LADDERS (EACH)	R	0000000010	R
	HEAVY DUTY SECTIONS			
	SAFE WORKING LOAD : 135Kg			
	D- STYLE RUNG ELIMINATES TWISTING			
	EASY TO HANDLE			
	RUBBER NON- SLIP FEET			
53	H- FRAME ALUMINUM SCAFFOLDING 2 SET (5m)	R	8 SETS	R
	ALUMINUM FRAMES: SIZE 2175m X 1030m and 1570m X			
	1030m			
	SIMPLE TO ERECT & DISMATILE			
	200mm LOCKABLE CASTORS			
	SABS APROVED			
	Scaffolding to consist of:			
	6 x 2175 x 1030 Self-locking Frames			
	4 x 1570 x 1030 Self-locking Frames			
	4 x Knee Braces			
	4 x 2175 Self lock tie Bars			
	4 x 200 x 38mm Castors wheels			
	4 x Access Ladders			
54	INFRA – RED HEATERS (EACH)	R	0000000010	R
J-	MAX OUTPUT 36 – 53kw	11	000000010	IX.
	MAX OUTPUT 123 000 – 181 000 BTU / H			And the second s
	0.75 – 1,5 BAR PRESSURE			
***************************************	MANUAL IGNITION			
	1450m 3/h AIR DISPLACEMENT			
		- Barris	00000000	
55	HEAT GUNS (EACH)	R	0000000010	R
	MATERIAL PLASTIC			
	PARAMETER 221- 449 C			
	453 I/min FLOW RATE			1
L	OUTPUT: 750- 1300 Watt			



		<u> </u>		***************************************
56	PETROL WATER JET MACHINE (EACH)	R	000000004	R
	POWERED: DIESEL			<u> </u>
	ON WHEELS { MOBILE }			
**********	PRESSURE BAR: 20 B			
	FLOW RATE MAX 500 I/h			
	AREA PERFORMANCE 40 m /2h			
	INLET TEMP MAX: 20 C			
	WEIGHT WITHOUT ACCESSORIES: 12,7Kg			
E77	AIDLESS HIGH PRESSURE SPRAYS ASPRAY 040	<u> </u>	000000000	
57	AIRLESS HIGH PRESSURE SPRAYS ASPRAY- 010 (EACH)	R	8000000008	Ř
	MOTOR: 230Volt , 750Watt ,1,0hp			
	MAX PRESSURE: 22 BAR			
	STANDARD NOZZLE SIZE		***	
	SPRAYING WITDH: 250- 310mm			
***************************************	LENGTH OF PRESSURE HOSE: 7.6m			
58	PIPE CUTTER FOR METAL, PLASTIC, MLP CUTTER 1	R	0000000010	R
	(EACH)			
	WORKING RANGE: 6 - 42mm (1/4-1.5/8")			
	DIMENSIONS: 160 X 60 X 40 mm			
	WEIGHT: 550g			
	EXTRAS: INTERNAL PIPE DEBURRER, SPARE CUTTER WHEEL			
······································	SUITABLE FOR: CU, BRASS,AL,THIN-WALLED STEEL PIPES			
59	PIPE CUTTER FOR METAL, PLASTIC, MLP CUTTER 2 (EACH	R	0000000010	R
	WORKING RANGE: 6 - 42mm (1/4-1.5/8")			
	DIMENSIONS: 160 X 60 X 40 mm			
	WEIGHT: 550g			
	EXTRAS: INTERNAL PIPE DEBURRER, SPARE CUTTER WHEEL			
	SUITABLE FOR: STAINLESS STEEL	1		
				-
60	PIPE CUTTER FOR METAL, PLASTIC, MLP CUTTER 3 (EACH)	R	000000010	R
	WORKING RANGE: 10 - 42mm (3/8-1.5/8")			
	DIMENSIONS: 166 X 67 X 54 mm			
	WEIGHT: 430g			



	EXTRAS: SPARE CUTTER WHEEL		***	
	SUITABLE FOR: INOX PIPES UP TO 0.2mm			

61	PIPE CUTTER FOR METAL, PLASTIC, MLP CUTTER 4 (EACH	R	000000010	R
	WORKING RANGE: 3 - 16mm (1/8-1.5/8")			
	DIMENSIONS: 46 X 35 X 22 mm			
	WEIGHT: 110g			
	EXTRAS: SPARE CUTTER WHEEL, SPARE AXLE			
	SUITABLE FOR: CU, BRASS,AL,THIN-WALLED STEEL			
	PIPES			
62	PIPE CUTTER FOR METAL, PLASTIC, MLP CUTTER 5 (R	0000000010	R
	EACH			
	WORKING RANGE: 3 - 28mm (1/8-1.1/8")			
	DIMENSIONS: 80 X 60 X 30 mm			
	WEIGHT: 270g			
	EXTRAS: SPARE CUTTER WHEEL			
	SUITABLE FOR: CU, BRASS,AL,THIN-WALLED STEEL			
	PIPES			
63	PIPE CUTTER FOR METAL, PLASTIC, MLP CUTTER 6 (EACH	R	000000010	R
-,,	WORKING RANGE: 3 - 30mm (1/8-1.3/8")			
	DIMENSIONS: 150 X 60 X 28 mm			
	WEIGHT: 305g			
	EXTRAS: INTERNAL PIPE DEBURRER, SPARE CUTTER WHEEL			
	SUITABLE FOR: CU, BRASS,AL,THIN-WALLED STEEL PIPES			
64	PIPE CUTTER FOR METAL, PLASTIC, MLP CUTTER 7 (EACH	R	0000000010	R
	WORKING RANGE: 6 - 67mm (1/4-2.5/8")			
	DIMENSIONS: 240 X 110 X 50 mm			
	WEIGHT: 755g			
	EXTRAS: INTERNAL PIPE DEBURRER, SPARE CUTTER WHEEL			
	SUITABLE FOR: CU, BRASS,AL,THIN-WALLED STEEL PIPES PLASTIC- COATED PIPES			
65	PIPE CUTTER FOR METAL, PLASTIC, MLP CUTTER 8 (EACH	R	000000010	R



	WORKING RANGE: 50 - 127mm (25")			
<u> </u>	DIMENSIONS: 360 X 80 X 70 mm			
	WEIGHT: 755g			
	EXTRAS: INTERNAL PIPE DEBURRER, SPARE CUTTER			
	WHEEL			
	SUITABLE FOR: CU, BRASS,AL,THIN-WALLED STEEL			
	PIPES PLASTIC- COATED PIPES			
				
66	PIPE CUTTER FOR METAL, PLASTIC, MLP CUTTER 9 (R	000000010	R
	EACH			
	WORKING RANGE: 20 - 100mm (14")			
	DIMENSIONS: 370 X 280 X 250mm			***************************************
	WEIGHT: 575g			
	EXTRAS: INTERNAL PIPE DEBURRER, SPARE CUTTER			
	SUITABLE FOR: CU, BRASS,AL,THIN-WALLED STEEL			
	PIPES PLASTIC- COATED PIPES			

67	PIPE CUTTER FOR METAL, PLASTIC, MLP CUTTER 10 (R	000000010	R
	EA			
	WORKING RANGE: 10 - 60mm (3/82")	***************************************		***************************************
	DIMENSIONS: 370 X 100 X 55mm			
	WEIGHT: 2, 155g			
	SUITABLE FOR: STAINLESS STEEL			
68	PLASTIC SHEARS 1 (EACH)	R	000000010	R
	WORKING RANGE: 6 - 35mm (1/42,3/8")			
	DIMENSIONS: 215 X 195 X 40mm	*	-	
	WEIGHT: 740g			
	SUITABLE FOR: PP,PE,PEX,PB,PVDV,MLP			
69	PLASTIC SHEARS 2 (EACH)	R	000000010	R
	WORKING RANGE: 0 - 75mm (03")			
	DIMENSIONS: 480 X 165 X 35mm			
	WEIGHT: 1,740g			
	SUITABLE FOR: PP,PE,PEX,PB,PVDV,MLP			
70	DEBURRING, CHAMFERING AND CALIBRATION	R	000000010	R
	DEBURRER			\$110 manuary (r)
	REPLACEABLE BLADES			n
	PLASTIC GRIP			
	GRIP RECESS IS RAISED AT THE END AND PREVENTS			
	THE TOOL FROM SLIPPING OUT OF USERS HANDS			



	ONE-HANDED USE WITH THE RETRACTABLE LOCKING HEAD			
	OFFSET SURFACES PROVIDE A GOOD TORQUE			
	PLUGGABLE HANDLE ENDS FOR THE STORAGE OF			
	ASSOCIATED BLADES			
71	BENDING (BENDERS) PUSH BENDER 1 (EACH)	R	000000004	R
- ' '	METHOD: MANUAL 90°	+	000000004	
	WORKING RANGE: COPPER 12-22mm (3/8-7/8") 1mm			
	THICK SOFT			
·	WORKING RANGE: ALUMININUM 12-22mm (3/8 -7/8")			
	1mm THICK SOFT			
	WORKING RANGE: PRECISION STEEL 12-22mm (3/8-			
	7/8") 1mm THICK SOFT			
	WORKING RANGE: STAINLESS STEEL 12 -18mm (3/8-			
	7/8") 1mm THICK SOFT			
	WORKING RANGE: MLP 14-26mm (5/8-7/8") 2mm THICK			
	SOFT			
72	BENDING (BENDERS) PUSH BENDER 2 (EACH)	R	0000000004	R
	METHOD: MANUAL 1800			
	WORKING RANGE: COPPER 6-18mm (1/4-5/8") 1mm			***************************************
	THICK			
	WORKING RANGE: ALUMININUM 6- 18mm (1/4 -5/8")			
	1mm THICK SOFT			
	WORKING RANGE: PRECISION STEEL 6- 18mm (1/4 -			
	5/8") 1mm THICK SOFT			
73	PUSH BENDER 3 (EACH)	R	0000000004	R
	WORKING RANGE: COPPER 8-22mm (5/16-7/8") 1mm			- Continue of the Continue of
	THICK,SEMI-HARD			
	WORKING RANGE: ALUMININUM 8-22mm (5/16-7/8")			
	1mm THICK SOFT			avenesses and a second
	WORKING RANGE: PRECISION STEEL 8-22mm (5/16-			
	5/8") 1mm THICK SOFT			
	WORKING RANGE: STAINLESS STEEL 8 -22mm (5/16-			
	7/8") 1mm THICK SOFT			
74	BONDING THREE- GAS WELDING (EACH)	R	0000000004	R
	WELDING ATTACHMENTS: 0 5 - 1.0mm / 1.0-2.0mm /			
	2.0- 4.0mm / 4.0 – 6.0mm / 6.0 – 9.0mm			
	WING-LEVER CUTTING ATTACHMENT: 9.0-14.0mm			
	CUTTING TIPS: 12-25mm / 25-50mm			
	HEATING BURNERS: 12-100mm	***		
	DUEL HOSES A/O 5m			
				I

76	DIGITAL ISULATION TESTER (EACH)	R	000000010	R
	A A THE PROPERTY AND A STATE OF THE PROPERTY AND A STATE O			
	TEMPERTURE: - 40°C - 500°C			
	FREQUENCY: 60Hz – 60Hz			
	CAPACITANCE: 6nF - 60mF			
	RESISTANCE: 600- 60M			
~~~~~	DC CURRENT: 600A - 1000A			
	AC CURRENT: 600A – 1000A			
	DIODE TEST			
	DC VOLTAGE: 600V - 1000V			
	AC VOLTAGE: 600V - 1000V	•		
	K-TYPE THERMOCOUPLE	-		
	AUTO POWER OFF	1		
	AUTO POWER RANGING	***		
	MAX / MIN DATA HOLD			
	DUTY CYCLE: BAR GRAPH DISPLAY			1
	WORK LIGHT			
	INRUSH HOLD			
<del>.</del>	NON- CONTACT VOLTAGE  NON- CONTACT VOLTAGE DETECTOR			
	NON- CONTACT VOLTAGE			
	BAR GRAPH DISPLAY			
	AUTO POWER OFF / RANGING			
	MAX / MIN DATA HOLD			
10	SPECIFICATIONS: BACKLIT LCD DUAL DISP		0000000010	I C
75	DIGITAL CLAMP METER ( EACH )	R	0000000010	R
	DUEL TELESCOPING TRANSPORT TROLLEY			
	STEEL CASE			
	HOSE ADAPTOR MAXI GAS			
	REGULATING VALVE MAXI GAS			
	MAXI GAS 400			
	OXYGEN CYLINDER 5L FILLED			
	ACETYLENE CYLINDER 5L FILLED			
	REPALACEMENT FLINTS			
	SAFETY IGNITER			
	TORCH SPANNER			
	10 PIECE BURNERS CLEANING SET			
	2 X RED PROTECTIVE RUBBER CAPS			- Avvision
	2 X BLUE PROTECTIVE RUBBER CAPS			
	OXYGEN PRESSURE REDUCER 10 BAR			
	ACETYLENE PRESSURE REDUCER 1,5 BAR OXYGEN PRESSURE REDUCER 10 BAR			

1	ISULATION RESISTANCE	Ţ		
	AUTO RANGING ON ALL RANGES			
	BAROGRAPH INDECATES TEST VOLTAGE; RISE AND			
	DECAYCAN BE OBSRVED DURING TEST			
	VISUAL AND AUDIBLE WARNING IF EXTERNAL VOLTAGE			
	IS PRESENT			
	ENERAVE TM FEATURE TO EXTEND BATTERY LIFE			, <u> </u>
	2 LINES X 16 CHAR LARGE LCD			
	AUTO – OFF			
	SHOW TEST TIME DURING ( UP TO 99.9s ) FOR EASY			
	COMPARISON			
	RANGES TEST VOLTAGE( DC V) 1 / 2,5 5 / 10KV			
	MEASURING RANGES: 0-50 / 0-125 / 0-250 / 0- 500G	ļ		
77	ANALOG ISULATION TESTER ( EACH)	R	0000000010	R
	HIGH QUALITY TAUT BAND MOVEMENT			
	TWO CONTINUITY TEST RANGES ON "LOW OHMS			
	"COMPACT AND LIGHTWEIGHT			
	AC VOLTMETER WITH LINEAR SCALE			
	AUTOMATIC DISCHARGE OF CAPACITIVE & INDUCTIVE			
	CIRCUIT			
	LIVE WARMING AND DISPLAY OF EXTERNAL VOLTAGE			
	PRESENCE			
	FUSE, AIR GAP, CROWBAR AND OVERLOAD PROTECTED			
	MIRROR			
	RANGES: INSULATION RESISTANCE			
	TEST VOLTAGE: ( DC V) 250 V / 500V / 1000V			
	MEASURING RANGES: 0- 100M / 0- 200M / 0- 400M /			****
	(>1.0mAsc)			
	MEASURING RANGES: 3 / 5 ( > 200Ma SC )			
	AC VOLTAGE: 0- 600V AC			
	POWER SOURCE: 1.5V ( AA ) X 6			
78	DIGITAL MULTI METER (EACH)	R	0000000010	R
78	LARGE LED DISPLAY	R	0000000010	R
78	LARGE LED DISPLAY DATA HOLD	R	0000000010	R
78	LARGE LED DISPLAY	R	000000010	R
78	LARGE LED DISPLAY DATA HOLD	R	000000010	R
78	LARGE LED DISPLAY DATA HOLD TRANSISTOR TESTER	R	0000000010	R
78	LARGE LED DISPLAY DATA HOLD TRANSISTOR TESTER AUTO POWER OFF	R	000000010	R
78	LARGE LED DISPLAY DATA HOLD TRANSISTOR TESTER AUTO POWER OFF  °C/°F (-20-1000°C)	R	000000010	R



	DC VOLTAGE 200V – 1000V	1		- WHIMIA
	DIODE TEST			
	AC CURRENT 2mA – 10A			
	DC CURRENT 2mA – 10A			
	RESISTANCE: 200- 200M			
79	TOOL BAG: (EACH) TOOL BAG (COMRISING OF:)	R	0000000010	R
	DIGITAL MULTI METER			
	AC VOLTAGE: 20V,200V,750V ( + 1.2% + 10 DIGIT )		-	
	CAPACITANCE: 20nF , 2000uF ( + 2,5% + 20 DIGIT )			
	DC CURRENT: 20mA, 200mA,20A (1.5% + 3 DIGIT)			
	DC VOLTAGE: 200mV,2m,200, 1000V (+0.5% + 4 DIGIT)			
	RESISTANCE: 20k,200k,20M,200M ( + 1,2% + 4 DIGIT )			
	TEMPERATURE RANGE: - 20°C TO 1000°C ( + 0.8% + 4			
	DIGIT)			
	HEIGHT (H ) 40mm LENGTH (L) 167mm WIDTH (W)			
	88mm			
	POWER SUPPLY: 1 X 9Volt BATTERY			
	DIAGONAL CUT / PLIERS: CHROME PLATED SATIN			
	FINISH HIGH GRADE CARBON STEEL 180mm H/D			
	PLIERS: CHROME PLATED SATIN FINISH HIGH GRADE			
	CARBON STEEL 180mm H/D			
	5 LED HEADLIGHT ADJUSTABLE SETTINGS			
	PLIERS ( LONG NOSE ): CHROME PLATED SATIN FINISH			
	HIGH GRADE CARBON STEEL 160mm H/D			
	WRENCH ADJUSTABLE 200mm: OPEN END SPANNER			
	ADJUSTABLE TO 8 INCHES			
	ALLEN KEY SET 9 PIECE: FOLDABLE ALLEN KEYS, WIRE			
···	SIZE RANGE ( mm² ) 1.5 - 8mm			
	INSULATED SCREW DRIVER SET:			
	PIECE INCLUDING NEON TESTER			
	FLAT BLADE AND PHILLIPS SET			
	INSULATED - 1000V			
	CRIMP TOOL: INDENT 0.5-10.0mm ² ,			
	WIRE SIZE RANGE ( mm ² ) 0.5- 10.0mm ² ,			
	KNIFE RETRACTABLE: RUGGED CONSTRUCTION *			
	BLADE STORAGE IN THE HANDLE			
80	CABLE ID & LABEL PRINTERS ( EACH )	R	0000000010	R
	LABEL TYPES: CONTINUOUS & DIE CUT			
	MAX WIDTH ( max ): 50, 8mm ( MAX )			
	LABEL CARTRIGES: SEPARATE RIBBON AND TAPE			
L		i		L



	TEXT SIZE: 4- 174pt		1	
	PRINT RESOLUTION: 300dpi			
	PRINT TECHNOLOGY: THERMAL TRANSFER	!	-	
	BAR CODE: CODE39, CODE 128- OTHER VIA SOFTWARE			
	BACKLIT SCREEN: YES			
	DISPLAY: COLOR LCD TOUCHSCREEN		-	
	KEYBOARD STYL: QWERTY		ļ	
	CONNECTIVITY OPTIONS: USB & WIFI			
	SOFTWARE COMPATIBLITY: LABEL MARK SOFTWARE &			
	MOBILE APPS			
	POWER SUPPLY: RECHARGEABLE BATTERY ,AC			
	ADAPTER			
04	TERTING AND LEAK DETECTION ( FACIL )		000000000	
81	TESTING AND LEAK DETECTION ( EACH )	R	000000006	R
	KEY FEATURES: 4,3" TOUCHSCREEN OR PHYSICAL			
	BUTTONS			
	PRESSURE AND LEAKAGE TESTING FOR GAS			
	PIPELINES ACCORDING TO TRGI 2018			
	LEAK RATE MEASUREMENT FOR GAS PIPELINES ACCORDING TO TRGI 2018 AND DVGW 5952			
	PRESSURE AND LEAKAGE TESTING FOR DRINKING WATER PIPELINES ACCORDING TO DIN EN 806-4			
	TESTING OF GAS PRESSURE REGULATORS			
	LONG - TERM MEASUREMENT UP TO 72 HOURS			
	RODATA SOFTWARE AND RODATA App FOR			
	DOCUMENTATION		_	
	TECHNICAL DATA:			
	DISPLAY RESOLUTION: 480 X 272			
	DATA TRANSFER: USB,WIFI			
	BATTERY LIFE TIMS: APROX 8h TESTING TIME MAINS			and the second
	OPERATING POSSIBLE			
	PRESSURE RANGE			
	LOW PRESSURE SENSOR: PRESSURE RANGE			
	0.1000mbar			
	( RESOLUTION 0.1mbar / hPa )			
82	MULTIFUNCTION WORK TABLE ( EACH )	R	0000000010	R
	STRONG YET COMPACT TABLE INSTANTLY CONVERTS			
	FROM A CLAMPING WORK TABLE TO A SAWHORSE			
	LIGHTWEIHT AND PORTABLE			
	HEIGHT: 950 cm			
	<b>DEPTH</b> : 230 cm			



	<b>WIDTH</b> : 690 cm			
	LENGTH OF OBJECT WHEN SET UP ( in cm ): 63.5			
	WIDTH WHEN FOLDED UP ( in cm ) 93.7 X 12.7 X 88.9			
	MAXIMIUN WORK BENCH HEIGHT WHEN SET UP			
	(in cm): 81.3			
	WORK BENCH WIDTH WHEN SET UP (in cm): 78.7			
	PACKAGING TYPE : BOX			
	I			
	MAXIMUM LOAD (in kg): 156			
	TYPE OF PRODUCT: FOLDING WORK BENCH			
	PRODUCT NAME: MULTI – FUNCTION WORKBENCH			
83	WATER PUMP PLIERS (EACH)	R	0000000020	R
	SELF - CLAMPING JAWS: NON - SLIP EVEN ON SMOOTH			
	TUBES			
	LONG SLENDER HEAD: IDEAL FOR HARD TO REACH			
	PLAECES HARDENED GEARS			
	7 POINT SIZE ADJUSTMENT			
84	4 PIECE ADJUSTABLE SPANNER SET-SHIFTING			
	SPANNERS ( EACH )	R	0000000020	R
	ADJUSTABLE WRENCHES: 30mm MAX JAW CAPACITY			
85	PORTABLE DRAIN SEWER SNAKE HAND TOOL (EACH)	R	8000000000	R
	SPRING MATERIAL: 72A SPRING STEEL			
	SPRING DIAMETER: 6mm			
	MAX; DIAMETER OF SPRING HEAD; 14mm			
86	CORDLESS HAMMER DRILL WITH ACCESSORIES	R	0000000010	R
	(EACH)	``		``
	BATTERY POWER: 18Volt LITHIUM – ION			
	REVERSABLE			
	KEYLESS			1
	SPEED SELECTIVE			
	NO LOAD SPEED: 2250rpm			
	NO LOAD ST LED. 22301pm			
87	BASIN TUBE SPANNER SETS ( EACH )	R	0000000010	R
88	DIDE RENDING MACHINE AND CHIDES 45, 22mm (EACH)	R	0000000008	R
00	PIPE BENDING MACHINE AND GUIDES 15 -22mm (EACH)	K	000000000	K
89	ELECTRIC HIGH POWER PRESSURE WATER MACHINE (EACH)	R	0000000004	R
	OPERATIONS PRESSURE: 30 – 120 bar ( FULLY			
	*····	1		·



[	ADJUSTABLE	1		<u> </u>
	WATER OUTPUT: 71min ( 480 1/h )		****	
	MAX SUCTION HEIGHT: 1,5m			]
	ENGINE POWER: ELECTRIC 1.6kw 220VAC	<b>!</b>		
	MOTOR SPEED: 1400rpm			
	HOSE: 10m STEEL DOUBLE BRAIDED HIGH PRESSURE			İ
	HOSE WITH FEMALE CONNECTORS			
	PRESSURE REGULATION: FULLY ADJUSTABLE	***		
90	DRAIN CLEANING MACHINE (EACH)	R	0000000004	R
	FLOW RATE: 650l/h		000000004	IX .
	WORKING PRESSURE: 150bar			
	POWER RATING: 3.6kw			
	10mm HOSE 550 SPRAY LANCE TRIPLE NOZZEL			
	TUITIT HOSE 330 SPRAT LANCE TRIPLE NOZZEL			
91	PIPE SEWER INSPECTION CAMERA ( EACH )	R	0000000004	R
91	7" COLOUR MONITOR	K	0000000004	N
	RADIO DISPLAY MONITOR			
	BULT IN SUN SHADE			
	BATTERY 12Volt 4000mah RECHAREABLE			
	WATER PROOF			
	VALER FROOF			
92	PORTABLE DRAIN CLEANING MACHINE ( EACH )	R	0000000004	R
	POWER SOURCE: AC			
	VOLTAGE: 115v			
	WATTAGE: 175.00			
	INCLUDING GUIDE HOSE, 95847 – 55 /16" X 35 { 8mm X			
	10.7m} INNER CORE SPEED BUMP BULB AUGE			
93	WALL CHASER ( EACH )	R	0000000010	R
	AJUSTABLE GROOVE DEPTH: 20 65mm			
	GROOVE WIDTH: 3 40mm			
	N0 LOAD SPEED: 5.000rpm			
	DISC DIAMETET: 230mm			
	RATED POWER INPUT: 2.400Watt			
	POWER OUPUT: 1.670Watt			
94	VACUUM CLEANER ( EACH )	R	000000004	R
	WET / DRY			
	POWER: 2000Watt ( 2 X 1000Watt MOTORS )			
	DRUM SIZE: 30L			
<b></b>		+		<u> </u>
	MOBILITY: ON WHEELS			
	MOBILITY: ON WHEELS			



95	DIGITAL CLAMP METER {3 PHASE} (EACH)	R	0000000010	R
	SPECIFICATIONS:			
	LARGE BACKLID LCD DISPLAY			
	TRUE RMS			
	AUTO RANGING			
	AUTO POWER OFF			
	MAX / MIN / DATA HOLD			
	RANGES:			
	DATA LOGGING			
******	RS232 INTERFACE			
	(WINDOWS OS)			
	AC VOLTAGE: 0.1V - 600VAC			
	AC CURRENT 0.01A - 1000AAC		A-	***************************************
	POWER			
	ACTIVE: 0.01 – 600Watt			
	APPARENT: 0.001 – 600VA			
	REACTIVE: 0.001 – 600VAr			****
	HARMONICS: 45Hz – 65Hz			
	CONTIUITY TEST: 1, 2 -6, 7 - 8, 9 - 10, 11 - 15, 16 - 21	***	#	
	PF 0.3 - 1			
				******
96	EARTH RESISTANCE TESTERS (EACH)	R	0000000010	R
	FEATURES			
	AUTO POWER OFF			
	DUAL DISPLAY DIG / ANALOG			
	70.112.012.11210771171200		ŧ	
	CLOCK DATE / TIME			
	CLOCK DATE / TIME	****		
	CLOCK DATE / TIME AVERAGE VALUE			
	CLOCK DATE / TIME AVERAGE VALUE MEASUREMENT			
	CLOCK DATE / TIME AVERAGE VALUE MEASUREMENT RANGES			
	CLOCK DATE / TIME AVERAGE VALUE MEASUREMENT RANGES COMPENSATION RESISTANC			
-	CLOCK DATE / TIME  AVERAGE VALUE  MEASUREMENT  RANGES  COMPENSATION RESISTANC  ALARM OF LIMIT SETTING			
	CLOCK DATE / TIME  AVERAGE VALUE  MEASUREMENT  RANGES  COMPENSATION RESISTANC  ALARM OF LIMIT SETTING  ALARM OF LIMIT VALUE GROUPS			
	CLOCK DATE / TIME  AVERAGE VALUE  MEASUREMENT  RANGES  COMPENSATION RESISTANC  ALARM OF LIMIT SETTING  ALARM OF LIMIT VALUE GROUPS  BACKLIT LCD DISPLAY			
	CLOCK DATE / TIME  AVERAGE VALUE  MEASUREMENT  RANGES  COMPENSATION RESISTANC  ALARM OF LIMIT SETTING  ALARM OF LIMIT VALUE GROUPS  BACKLIT LCD DISPLAY  DATA STORAGE 100 GROUP			
	CLOCK DATE / TIME  AVERAGE VALUE  MEASUREMENT  RANGES  COMPENSATION RESISTANC  ALARM OF LIMIT SETTING  ALARM OF LIMIT VALUE GROUPS  BACKLIT LCD DISPLAY  DATA STORAGE 100 GROUP  USB 2.0 INTERFACE			
	CLOCK DATE / TIME  AVERAGE VALUE  MEASUREMENT  RANGES  COMPENSATION RESISTANC  ALARM OF LIMIT SETTING  ALARM OF LIMIT VALUE GROUPS  BACKLIT LCD DISPLAY  DATA STORAGE 100 GROUP  USB 2.0 INTERFACE  RANGES:			
	CLOCK DATE / TIME  AVERAGE VALUE  MEASUREMENT  RANGES  COMPENSATION RESISTANC  ALARM OF LIMIT SETTING  ALARM OF LIMIT VALUE GROUPS  BACKLIT LCD DISPLAY  DATA STORAGE 100 GROUP  USB 2.0 INTERFACE  RANGES:  3 POLE & 4 POLE EARTHING RESISTANCE			
	CLOCK DATE / TIME  AVERAGE VALUE  MEASUREMENT  RANGES  COMPENSATION RESISTANC  ALARM OF LIMIT SETTING  ALARM OF LIMIT VALUE GROUPS  BACKLIT LCD DISPLAY  DATA STORAGE 100 GROUP  USB 2.0 INTERFACE  RANGES:  3 POLE & 4 POLE EARTHING RESISTANCE  TEST VOLTAGE: 20 / 48 VAC			



	TEST VOLTAGE: 20 / 48VAC			<u> </u>
	TEST FREQUENCY: 94Hz / 105Hz / 111Hz / 128Hz / AFC			
	RESISTANCE: 0,1 - 10k			
	NON - AUXILIARY - POLAR MODE ( CLAMP )			
	TEST VOLTAGE: 20 / 48 VAC			
	TEST FREQUENCY: 94Hz / 105Hz / 111Hz / 128Hz / AFC			
	RESISTANCE: 0,1 – 150k			
	2 POLE RESISTANCE ( AC )		<del> </del>	
	TEST VOLTAGE: 20 VAC			
-	TEST FREQUENCY: 94Hz / 105Hz / 111Hz / 128Hz / AFC	*	1	
	RESISTANCE: 0,1 – 30k			
	2/4 POLE RESITANCE ( DC )			
	TEST VOLTAGE: 20 VAC			
	RESISTANCE: 0,1 – 3k	-		
	INTERFERING VOLTAGE / CURRENT / FREQUENCY		+	
	VOLTAGE: 1 - 50 VAC / DC	-	+	
- (	CURRENT: 20mA - 2A			
	FREQUENCY:16 / 400Hz			
- 1	SOIL RESISTIVITY p			
	TEST VOLTAGE: 20 / 48 VAC	**		
	TEST FREQUENCY:94Hz / 105Hz / 111Hz / 128Hz / AFC			
F	RESISTANCE: 0,2 – 10000m			
F	RK ( WIRE COMPENSATION )			
	TEST VOLTAGE: 20 / 48 VAC			
	TEST FREQUENCY:94Hz / 105Hz / 111Hz / 128Hz / AFC			
F	RESISTANCE: 0,1 – 30k			
	SHORT CIRCUIT CURRENT: < 100mA			
97 F	PHASE SEQUENCE INDICATOR (EACH)	R	0000000010	R
1	NON CONTACT PHASE SEQUENCE TESTING			
1	OPEN PHASE TESTING			
1	LED AND BUZZER IND			
1	OPERATIONAL VOLTAGE: 75 – 1000 VAC 3PH			
F	FREQ RANGE 45 – 65Hz			
ı	MAGNETIC MOUNTING BRACKET			
	(A) (A) (A) (A) (A) (A) (A) (A) (A) (A)			
98 I	DIGITAL INSULATION TESTER (EACH)	R	0000000010	R
	FEATURES			
	TIMER FOR TEST FUCTION ( COUNT 3 - 5 MINUTES )			
1	AUTOMATIC CIRCUIT DISCHARGE			
(	CONTINUITY TEST WITH THREE PHASES			
		i		



[	FUEL DEOTEOTION	1	1	I
	FUSE PROTECTION			
	DATA HOLD FUCTION			
	AUTO POWER OFF FUCTION			
	RANGES:			
	INSULATION RESISTANCE:			
	TEST VOLTAGE ( DC V ): 250V / 500V / 1000V			
	MEASURING RANGES ( AUTO RANGING ):			
	0 - 20M / 0 - 200M / 0 2000M ( 1mA )			
	AC VOLTAGE: 0 – 600 VAC			
	POWER SOURCE: 1.5V ( AA ) X 6			
99	CIRCUIT BREAKER IDENTIFER ( EACH )	R	0000000010	R
	EASY TOOL TO FIND A CIRCUIT BREAKER OR FUSE	1	33333333	**
	WITHOUT DISCONNECTING THE SUPPLY			
	PLUG THE TRNSMITTER INTO THE OUTLET SOCKET.			
	USE THE RECEIVER TO SCAN DISTRIBUTION			
	BOARD OR PANEL TO FIND THE CORRECT CIRCUIT			
	BREAKER SUPPLYING POWER TO SOCKET			
100	RCD TESTER: (240V) (EACH)	R	0000000010	R
	VERIFIES THAT THE WIRING IS CORRECT ( NEON LIGHT		000000010	1
	INDICATION )			
	RCD TESTING WITH VARIABLE FAULT CURRENT			
	TRIP SETTING 10 – 35mA			
101	DICITAL ELECTRICAL COMPLIANCE TEST CASE (EACH)	R	0000000006	R
	DIGITAL PHASE INDICATOR:			
	LARGE ALLIGATOR CLIPS ALLOW FOR EASY			
	CONNECTION & TESTING			
	90 – 600 VAC			
	50 / 60Hz			
	VOLTAGE FINDER:			
	AUTO POWER OFF			2011
	POCKET CLIP			
,	CAT II 600V		1	
	TEST VOLTAGE: AC 100 – 240V			
	INDICATION: SOUND AND LIGHT			
	FREQUENCY: 50 – 60Hz			
	DIGITAL ELECTRIC NETWORK ANALYSER:			<u> </u>
	BUILT - I N EARTH TESTER ( NO PER RQUIRED )			-
	BUILT - IN LOOP / PSC TESTER			
	1	J	1	



r	DULT IN VOLTMETER	1		Τ
	BUILT - IN VOLTMETER			
	BUILT - IN WIRING CHECKER			
	ONE PUSH BUTTON SMART CONTROL			
	DISPLAY L - N AND L - E VOLTAGES			
	DISPLAY LINE PATH IMPENDENCE			
	DISPLAY LINE EARTH IMPENDENCE			
	DISPLAY LINE NEUTRAL IMPENDENCE			
	DISPLAY PSC LINE TO NEUTRAL			
	DISPLAY PSC LINE TO EARTH			
	RE – SCROLL THROUGH PREVIOUS			
	BAT OK / LOW BATTERY INDICATOR			
	AUTO – OFF FUNCTION			
	RUGGED CASE			
	ULTRA LOW POWER CONSUMPTION			
	OPERATING VOLTAGE: 50V - 275VAC ( 50Hz )			
	BEST PERFORMANCE AT RATED VOLTAGE: 230 VAC +			
	20 V			
	VOLTAGE MEASUREMENT (L-N)(L-E)50-280VAC			
	(SHINE)			
	POWER SOURCE: 1.5 ( AA ) X 6			
	LOOP / EARTH / LINE IMPEDANCE: 0.03 – 2000 ( AUTO			
	: 0.03 – 2000 ( AUTO – RANGING )			
	PROSPECTIVE SHORT CUT ( PSC ) 0 - 6kA AT 230 VAC			
102	PROFESSIONAL CABLE LOCATOR ( EACH )	R	0000000010	R
	BACK LIT: WORK LIGHT ( TORCH )			
	TRACES CABLE OR CONDUIT IN WALLS OR FLOOR			
	TRACES FOR OPEN OR SHORT CABLES			
	SENSITIVITY OF RECEIVER ADJUSTABLE		-	
	RANGES			
	DISPLAY VOLTAGE RANGE: 12 – 400VAC / DC			
	SINGLE POLE: + 0 – 2m		***************************************	
	DUAL POLE: +0 – 5m			
	SINGLE LOOP LINE: UP TO 2.5m			
	DEPTH OF TRACKING DEPENDS ON MATERIAL And			
	APPLICATION			
103	TAP & DIE SET ( EACH )	R	0000000010	R
	TAP & DIE: M3,M4,M5,M6,M8,M10,M12			
	1 X TAP WRENCH / 1 X CIE HANDLE			
	L	<u> </u>		L

104	HYDRAULIC CRIMPING TOOLS { 1 } ( EACH )	R	000000010	R
	CABLE SIZE: 50 – 400mm ²			"
	DIES INCLUDE: 50,70,95,120,150,185,240,300,400			
	OUTPUT: 130kN			
	FEATURES:			
	RUGGED HEAVY DUTY DESIGN			
	INSULATED FIBREGLASS HANDLES			
	AUTO OIL – BYPASS PROTECTION			
	2 – STAGE PUMPING ACTION			
	ROTATABLE HEAD 1800			
105	BOLT CUTTER (EACH)	R	000000010	R
	HEAVYDUTY BOLT CUTTER: 762mm ( 30") BOLT CUTTER			
106	CRIMPING TOOLS ( EACH )	R	000000020	R
	HEX HAND CRIMP FOR NON INSULATED LUGS ( 1.5 – 25mm2			
107	CRIMPING TOOLS (EACH)	R	0000000020	R
	FOR INSULATED LUGS ( RED , BLUE , YELLOW )			
108	WIRE STRIPPER ( EACH )	R	0000000020	R
	CHROME VANADIUM STEEL			VIII
	MICRO FINISH	···		
	BI – MATERIAL TPR			
	0,75 TO 6mm WIRE			*****
109	WIRE STRIPPER ( EACH )	R	0000000020	R
	CHROME VANADIUM STEEL			
	MICRO FINISH			
	BI – MATERIAL TPR			
	6 TO 16mm WIRE			- 411/1
110	GLUE GUN (EACH)	R	0000000010	R
	POWER: 2300Watt			
	TEMPRETURE: TEMP: 50 - 660° C			
	IMPACT SPEED: 250 – 5001 /min			
	WEIGHT: 1kg			

····				<u> </u>
111	20V CORDLESS HAMMER DRILL with Battery Charger			
	and two Batteries (EACH)	R	000000010	R
	NO LOAD SPEED: 0 – 440 / 0 - 1650RPM			
***************************************	MAX TORQUE : 50Nm			
····	TORQUE SETTINGS: 20 + 1 ( DRILL ) + 1 ( HAMMER )			·····
	CHUCK SIZE: 2– 13mm			
	IMPACT RATE: 0 - 7920 / 0 - 24700BPM		*	
	FEATURES :2 SPEED			
·	FORWARD / REVERSE			
	MAGNETIC BIT HOLDER			
	SPARE BATTERY			
	SIDE HANDLE			
112	20V CORDLESS IMPACT DRIVER with Battery Charger	R	000000010	R
–	and two Batteries ( EACH )			
	NO LOAD SPEED: 0 - 2800RPM			
	MAX TORQUE : 180Nm			1
	CHUCK 1/4 " HEX			
	IMPACT RATE: 0 – 3600BPM			
	FEATURES: DURABLE GEARBOX			
	FORWARD / REVERSE			
	MAGNETIC BIT HOLDER			
	SPARE BATTERY			
113	20V CORDLESS IMPACT WRENCH with Battery Charger and two Batteries ( EACH )	R	0000000010	R
	NO LOAD SPEED: 0 - 2800RPM			
······	MAX TORQUE : 250Nm			
····	CHUCK 1/2 " SQUARE			
	IMPACT RATE: 0 – 3600BPM			
	FEATURES: DURABLE GEARBOX	1		
	FORWARD / REVERSE			
	SPARE BATTERY		-	
	OF THE BITTERY			
114	20V CORDLESS ANGLE GRINDER with Battery Charger	R	0000000010	R
	and 2 Batteries ( EACH )		*	
······································	NO LOAD SPEED: 10000RPM			
	BLADE SIZE: DISC: 115 / 125			
	BORE: 22mm			
	FEATURES: SPINDLE LOCK			
	QUICK CHANGE GUARD			



	3 – POSITION HANDLE FIXING			
	AND SPARE BATTERY			
115	18V CORDLESS JIG SAW with Battery Charger and two	R	0000000010	R
	Batteries ( EACH )			
	POWER: 18V Ni –Cad BATTERY			
	NO LOAD SPEED: 1700RPM			
	CUTTING CAPACITY: WOOD 50mm / MILD STEEL 3mm /			
	BEVEL ANGLE RANGE 0 - 450			
	SPARES: WOOD BLADE / BATTERY 18V / BATTERY			
	CHARGER			
,				
116	BENCH VICE SWIVEL HEAVY DUTY 150mm (EACH)	R	0000000004	R
117	THREE PHASE GENERATORS 400VAC (EACH)	R	0000000006	R
	RATED OUTPUT: KVA / KV 6.25 / 5			
	RATED CURRENT (A): 8.2			
	STARTING ELECTRIC + RECOIL 12VDC O/P RATED			
	CURRENT 8.3			
	ENGINE TYPE: SINGLE CYLINDER 4 STROKE			
	FUEL TANK: 12.5L			
	DIPLACEMENT CC: 418			
	RUN TIME 3/4 LOADING ( Hours ) 6.5			
	NORM RUN SPEED ( RPM ) 3000			
	SIZE L X W X H ( mm ) 745 X 485 X 700			
	DRY WEIGHT 105kg			
	NOISE LEVEL (7m) 85Db			
	STANDARD ITEMS: FUEL GAUGE, VOLTMETER, AC			<del></del>
	CIRCUIT BREAKER			
	BATTERY ( ELECTRIC START ONLY )			
***************************************		-		



	Please contact Mark Stephens – 0823766005/ mark.stephens@dpw.gov.za for further enquiries for		************
	equal and similar and approved products on specified		
	items.		
	Please Note:		
1.	Provision to be made for exchanges		
2.	All items to be supplied with all warranty and guarantee slips to the Department.		
3.	The Department reserves the right to return poor quality machinery, tools and equipment at no cost to the Department.		
	All items will be quality checked		
Sub	o Total	R	
VA'	T to be added if VAT Vendor (15%)	R	
Gra	nd Total	R	
Tota	al price in words:		

NB: Grand Total must be transferred to PA-32. Failure to do so will invalidate the bid for further evaluation.

For VAT Vendors, it is mandatory to include VAT in their bid price.