



Request for Quote

Printed: 19.02.2022

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Number:

6000321259

Date:

19.02.2022

VAT REG NO: 4740101508

ESKOM HOLDINGS GENERATION

eskom holdings generation Ltd

P O Box 2634

johannesburg

2157

RFQ Collective number

Contact person

DAKALO MUGADI

Your person responsible/Your reference

Please deliver to:
Kusile Power Station.
(Near Ogies, on Jhb/Witbank Road)
Kendal Power Station Main Store.
Witbank.
1035

Your vendor number with us

11070302

Quotation deadl.: 29.03.2022

1 of 8

Dear Valued Supplier,

Eskom Holdings SOC Ltd (#Eskom”) hereby invites you to submit a quote on the following goods/works/services as stated below.

It is the successful tenderer’s responsibility to ensure that they comply, adhere, apply and obtain the relevant (including but not limited to) the necessary Lockdown permit(s) and essential certification to supply and / or to deliver the goods and / or services requested in this RFQ .Accepting the PO and then giving reasons for not being able to supply and / or deliver due to lockdown will not be accepted.” Please note the following rules with respect to the formal Tendering)

- a. Please ensure that the tender documents contains the MPKUS10116GX Enquiry number as per heading and no other information. Do not add any text to the subject line. Do not add any space in between the prefix and the enquiry number.

**Hendrina Power Station
Procurement**

Private Bag X1003 PULLENSHOPE SA
Tel 0116298234 Fax

b. Closing Date: 29 March 2022 at 10:00

c. Ensure that the enquiry number is stipulated in the subject line on all e-mails if multiple emails are sent.

d. All tender returnables/documentation must be submitted to:

The Tender Advice Centre # Tender box at Main Reception Area, 10 Smuts Avenue, Witbank 1035 only. The tenderer shall submit an original tender, plus 1 complete hard copy of the original tender and 1 soft copy/memory stick at tender submission deadline. Failure to submit you will be disqualified.

E-mails to any other address (except for clarifications) will not be accepted.
Failure to comply with these rules will result in your tender being disqualified.

e. Requests for Clarifications must be sent in writing to the respective buyer at Mugadid@eskom.co.za
All requests for clarifications and responses must be in writing. Eskom will respond to requests for clarification received within one (1) # two (2) working days before the tender closing deadline, depending on the enquiry duration and complexity.

Note:

- Due to varying requirements, slight changes could be included in each RFQ document, and suppliers are therefore required to read through the document carefully whenever invited to tender.
- ALL Suppliers are required to be registered (except foreign suppliers) on the National Treasury Central Supplier Database (CSD) as at tender response stage and the respective CSD number must be provided with all quotes together with the Eskom vendor registration number.
Responses that do not comply with the CSD requirement will be regarded as non-responsive (except foreign suppliers)
For CSD registration: Please register at <https://secure.csd.gov.za/>
- All Suppliers (including Foreign suppliers) are required to complete SBD 1-Invitation to Bid and submit this annexure at tender closing deadline. Local suppliers are required to be tax compliant and must submit CSD Number/ Efiling pin number/ copy of tax clearance certificate as evidence of their tax compliance status.
- Foreign suppliers (even those with no footprint in RSA) are in addition required to answer Part B (3) which is part of the afore-mentioned SBD 1. Should the said Foreign suppliers answer #yes" to any of the questions [Part B (3)]; they are required to be tax compliant and must therefore submit their Efiling pin number or copy of tax clearance certificate which will be verified by Eskom.
- All suppliers are required to refer to www.eskom.co.za for the Supplier Integrity Pact that must be downloaded and read. The Integrity Pact Declaration (attached hereto) named Supplier Declaration Form is a mandatory tender returnable.
- Specify line prices at lines where prices are submitted and indicate no quote at lines where no price is submitted.
- Where #designated sectors" are applicable, ensure that the relevant annexures and declarations are submitted by the RFQ deadline, or the submission will be regarded as non-responsive and disqualified.
- It is now a requirement to return full specifications with your quotation eg. drawings, dimensions,

manufacturer's name, etc of the item contained in this RFQ. You are also required to complete and submit the attached deviation form along with your quotation at RFQ closing deadline. Even if there is no deviation, it is still required to be completed and return this schedule stating that there is no deviation. Please ensure that the SAP No, Drawing No, Revision No and Manufacturer is stated on the form. It must also be signed. If there are deviations, but the deviation schedule has not been completed and/or returned with your quote, your offer will be disqualified.

- Only Eskom Standard Conditions of Tender applies.

ANNEXURES (available for download on SharePoint/Hyperwave)

- Integrity Pact Declaration (applicable for all enquiries)
- SBD-6.2- Certificate for Local Production and Content and Annexures C,D,E (applicable where there are designated sectors / materials only)
- Tax Evaluation questionnaire (applicable for services type of contracts only)
- SBD 1- Invitation to Bid (applicable for all suppliers)
- CPA Requirements for Local Goods/Services (South African) or CPA (IG) for Foreign Goods / Services (where applicable)
- Technical Deviation Schedule (applicable for all enquiries)
- SDB 6.1 - Preference Points Claim Form (applicable for all enquiries)
- Eskom Standard Conditions of Tender (applicable for all enquiries)
- Eskom's General Conditions of Purchase (applicable for all enquiries)
- SD&L Undertaking (where applicable- to be obtained from SD&L)

1. CONDITIONS OF PURCHASE

Eskom General Conditions of Purchase (as attached) will apply.

2. EVALUATION CRITERIA

For transactions above R30 000 up to R50M (inclusive of VAT) Price and B-BBEE Preferential Point Scoring will be based on the 80/20 allocation aligned to the PPPFA Regulations 2017;

For transactions less than R30 000 (inclusive of VAT); the Preferential Point Scoring is not mandatory and only Price may be used (or state any other criteria to be used).

Note:

Eskom reserves the right to negotiate with preferred bidders after a competitive bidding process or price quotations; should the tendered prices not be deemed market-related.

#Eskom reserves the right to award to a supplier who may not be the highest scoring or highest ranked supplier, in line with Section (2)(1)(f) of the PPPFA", due to #objective criteria" however this would have to be subject to negotiations.

Upon evaluation of tenders received, Eskom may negotiate or conclude orders with one or more suppliers.

Objective Criteria may comprise the following:-

1. SHEQ Requirements
2. Local to Site (only if justified by Business/Operational requirements)
3. Due Diligence (financial analysis)

3. TENDER RETURNABLES

Please ensure that the tender returnables listed hereunder are submitted as per stipulated deadlines as non-compliance with mandatory tender returnables at RFQ closing deadline will result in disqualification

(except where these are required for scoring /ranking purposes only). Non-compliance with mandatory returnables due at contract/order award stage will impact award.

- Integrity Pact Declaration (at RFQ closing deadline)
- SBD 6.2- Certificate for Local Production and Content and Annexures C,D, E (at RFQ closing deadline) Applicable where there are designated sectors/materials only.
- Tax Evaluation questionnaire to determine whether a company, close corporation (CC) or Trust is a personal service provider for purposes of PAYE (at order/contract award) Applicable for services contracts only.
- SBD 1- Invitation to Bid (at RFQ closing deadline) Applicable for all suppliers
- CPA Requirements for Local Goods/Services (South African) or CPA (IG) for Foreign Goods/Services (at tender closing deadline) Where applicable.
- Technical Deviation schedule (at RFQ closing deadline). This must be completed, signed and submitted for all enquiries indicating whether there are deviations or not. Whether there are deviations or not, if the deviation schedule has not been completed and/or returned with your quote, your offer will be disqualified.
- SBD 6.1- Preference Points Claim Form (at RFQ closing deadline) Applicable for all
- Copy of valid current SARS certificate (at contract/order award) Applicable for Foreign suppliers who are required to be tax compliant but have not submitted a CSD/eFiling Pin number.
- *Certified copy of a Valid original B-BBEE certificate (at RFQ closing deadline)
- List of Directors/Shareholding (at RFQ closing deadline)
- Letter of Good Standing (COIDA) (at contract/order award)
- CIDB (at contract/order award) Applicable for construction-related contracts.
- SD&L Undertaking (at RFQ closing deadline) Where applicable and provided by SD&L

*Note:

Where there is failure on the part of the supplier to submit a Certified copy of a Valid original B-BBEE certificate by stipulated deadline for purposes of evaluation and scoring, the tender submission will not be deemed non-responsive and disqualified exclusively for this reason, but will automatically score zero on B-BBEE for purposes of scoring and ranking (if otherwise deemed to be responsive and acceptable in all other aspects).

However, if these Certified copy of a Valid original B-BBEE certificate /affidavits etc are required as evidence to show compliance with pre-qualification criteria; and they are not provided at RFQ tender closing deadline; then the tender will be disqualified.

NOTE:- COMPLETE ALL PAGES AND INDICATE UNIT PRICE NEXT TO EACH LINE ITEM IF QUOTED ON AND INDICATE NO QUOTE IF NOT QUOTED ON LINE ITEM. SUBMIT THE WHOLE RFQ DOCUMENTATION

SUPPLIER NAME: _____

ESKOM VENDOR NUMBER _____

COMPANY REGISTRATION NUMBER _____

SARS eFiling Pin Number _____

B-BBEE LEVEL _____

ADDRESS _____



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VAT REG NO: 4740101508

TEL NO: _____

FAX NO: _____

E-MAIL: _____

National Treasury CSD number: _____
(Not compulsory for Foreign Suppliers)

Not accepting Eskom Holdings SOC Ltd General Conditions of Purchase will render quote non-responsive

DO YOU ACCEPT ESKOM HOLDINGS SOC LTD GENERAL CONDITIONS OF PURCHASE?

DELIVERY DATE OFFERED: _____

ARE DELIVERY CHARGES INCLUDED IN THE PRICE

Yes _____
No _____

DISCOUNT: (1) TRADE _____
(2) SETTLEMENT _____

ARE THE PRICE/S FIXED AND FIRM?

Yes _____
No _____

Freight Insurance: _____

FOB VALUE: _____

RATE OF EXCHANGE: _____

QUOTATION VALIDITY PERIOD: 90 DAYS

PRINT NAME OF SUPPLIER: _____
TOTAL TENDER PRICE, EXCLUDING DELIVERY
AND VAT: _____

TOTAL TENDER PRICE INCLUDING DELIVERY BUT EXCLUDING VAT _____

TOTAL TENDERED PRICE, INCLUDING VAT _____

SIGNATURE _____
(Duly authorised to sign on behalf of the supplier)

DATE _____

Suppliers Must Comply with Eskom's Life Saving Rules while on site.

The vendor will be required to ensure that the following environmental requirements are complied with at all times (where applicable):-

1. Zero liquid effluent discharge.
2. No chemicals will be dumped into the station drains or on the premises.
3. No oil or waste will be dumped on an unauthorized area or unlicensed waste site.
4. Asbestos will be handled and stored according to Asbestos Regulation R155 of 2002(or latest revision).
5. No materials or waste will be burnt on site. Hazardous substances shall be handled and stored according to the Hazardous substances. Regulation GN1179 of 1995 (or latest revision) Effluent shall not be discharged into public streams.

4. Technical Deviation

- i. Are there any technical Deviations: Yes _____ | No _____ (Mark Applicable)
- ii. If #Yes" above, did you submit a signed technical deviation? Yes _____ | No _____ (Mark Applicable)

Comment:

Item	Material	Description	Deliv. date
	RFQ quantity	Unit	
00010	0158748	TAPE ADHSV:DEMARICATION;PVC;WHITE	
	5	each	Day 13.05.2022
		TAPE, ADHESIVE: TYPE: DEMARICATION; DIMENSIONS: WD 48 MM X LG 33 M; MATERIAL: PVC; COLOR: WHITE; SELF	
00020	0010142	TAPE ELECT:WD 18 MM;LG 20 M;VINYL;BLACK	
	200	each	Day 13.05.2022
		TAPE, ELECTRICAL: WIDTH: 18 MM; LENGTH: 20 M; MATERIAL: VINYL; COLOR: BLACK; PVC; TO SABS 122; 0.18MM THK; ADHESIVE	
00030	0011460	TIE CBL:T50R;SELF LOCKING;50 MM;15 KG	
	200	each	Day 13.05.2022
		TIE, CABLE: TYPE: SELF LOCKING; DIAMETER RANGE: 50 MM; WIDTH: 4.7 MM;	



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Item	Material	Description	Unit	Deliv. date
	RFQ quantity			
LENGTH: 200 MM; MATERIAL: PLASTIC; STRENGTH: 15 KG; COLOR: BLACK; MANUF P/N: T50R; REFERENCE NO: T50R, UNK; INSULOK TYPE, 1EA = 100 TIES				
00040	0011501	TIE CBL:SELF LOCKING;109 MM;WD 4.7 MM		
	200		each	Day 13.05.2022
TIE, CABLE: TYPE: SELF LOCKING; DIAMETER RANGE: 109 MM; WIDTH: 4.7 MM; LENGTH: 395 MM; MATERIAL: NYLON; STRENGTH: 32 KG; COLOR: BLACK; SUPPL P/N: T50L; BRAND INSULOK, PLASTIC, 100 PER PACKET				
00050	0011523	TIE CBL:SELF LOCKING;120 MM;WD 7.6 MM		
	200		each	Day 13.05.2022
TIE, CABLE: TYPE: SELF LOCKING; DIAMETER RANGE: 120 MM; WIDTH: 7.6 MM; LENGTH: 385 MM; MATERIAL: NYLON; COLOR: BLACK; SUPPL P/N: T120R; 15 KG STRENGTH, EACH = ONE PACKET OF FIFTY				
00060	0011523	TIE CBL:SELF LOCKING;120 MM;WD 7.6 MM		
	100		each	Day 13.05.2022
TIE, CABLE: TYPE: SELF LOCKING; DIAMETER RANGE: 120 MM; WIDTH: 7.6 MM; LENGTH: 385 MM; MATERIAL: NYLON; COLOR: BLACK; SUPPL P/N: T120R; 15 KG STRENGTH, EACH = ONE PACKET OF FIFTY				
00070	0665819	WASHER:NB336407P0213;SPRING;8.4 MM;18 MM		
	20		each	Day 13.05.2022
Manufacturer part number		Manuf.	Manuf. pl.	Rev. 1.
NB336407P0213				0011001961

WASHER: TYPE: SPRING; INSIDE DIAMETER: 8.4 MM; OUTSIDE DIAMETER: 18 MM; THICKNESS: 1 MM; MATERIAL: SS; OEM P/N: NB336407P0213, OEM: GE STEAM POWER SERVICE; CROSS SECTION SHAPE: ROUND; SURFACE CONDITION: SMOOTH; USAGE DESIGN: STATOR ASSEMBLY				
00080	0665817	ADHESIVE:NBT401802P0001;BONDING FLUID		
	2		each	Day 13.05.2022
Manufacturer part number		Manuf.	Manuf. pl.	Rev. 1.
NBT401802P0001				0011001961

ADHESIVE: TYPE: BONDING FLUID; CONTAINER: 20 G; PHYSICAL FORM: LIQUID WHITE; MATERIAL: RESIN; OEM P/N: NBT401802P0001, OEM: GE STEAM POWER SERVICE; DRAWING NO: HTGG90410/13 REV 0				

Item	Material	Unit	Description	Deliv. date
	RFQ quantity			
00090	0654136	each	GASKET:HTGG307984P0006;FLAT;(16) M12	Day 13.05.2022
	2			
	Manufacturer part number		Manuf. Manuf. pl. Rev. 1.	
	HTGG307984P0006		0011001961	

GASKET: TYPE: FLAT; DIMENSIONS: ID 820 X OD 930 MM; MATERIAL: NBR BONDED MINERAL/ARMIDE FIBRE; HOLES: (16) M12; APPLICATION: SLIPRING COVERING; OEM P/N: HTGG307984P0006, OEM: GE STEAM POWER SERVICE; DRAWING NO: GGMV691513/48 REV 0, HTCM452919M0001-22 REV 0; DM880				
00100	0661288	each	WASHER:GZN490084P0510;CONICAL;ID 10.5 MM	Day 13.05.2022
	100			
	Manufacturer part number		Manuf. Manuf. pl. Rev. 1.	
	GZN490084P0510		0011001961	

WASHER: TYPE: CONICAL; INSIDE DIAMETER: 10.5 MM; OUTSIDE DIAMETER: 23 MM; THICKNESS: 2.5 MM; MATERIAL: X35CRM017; SPECIFICATION: DIN 6796; OEM P/N: GZN490084P0510, OEM: GE STEAM POWER SERVICE; DRAWING NO: GGMV691513/44 REV 0, HTGG216827-33 REV 0; SPRING FORCE 22100N; PRESSURE FORE 327100N				
00110	0656355	each	PROFILE:HTCM453824P0001;LG 10 M;RUBBER	Day 13.05.2022
	10			
	Manufacturer part number		Manuf. Manuf. pl. Rev. 1.	
	HTCM453824P0001		0011001961	

PROFILE: DIMENSIONS: LG 10 M; TYPE: ELASTOMER; MATERIAL: RUBBER; OEM P/N: HTCM453824P0001, OEM: GE STEAM POWER SERVICE; DRAWING NO: GGMV691513/48 REV 0; REFERENCE NO: 10.2505.8809; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).				
00120	0661290	each	WASHER:GZN490084P0511;CONICAL;ID 13 MM	Day 13.05.2022
	50			
	Manufacturer part number		Manuf. Manuf. pl. Rev. 1.	
	GZN490084P0511		0011001961	

WASHER: TYPE: CONICAL; INSIDE DIAMETER: 13 MM; OUTSIDE DIAMETER: 29 MM; THICKNESS: 3 MM; MATERIAL: X35CRM017; SPECIFICATION: DIN 6796; OEM P/N: GZN490084P0511, OEM: GE STEAM POWER SERVICE; DRAWING NO: GGMV691513 REV 0, GGMV691513/26 REV 0, GGMV691513/37 REV 0, GGMV691513/38 REV 0, GGMV691513/Fig. 2-26 REV 0, HTGG216827-32 REV 0; SPRING FORCE 34100N, PRESSURE FORCE 39500N				

Item	Material	Unit	Description	Deliv. date
	RFQ quantity			
00130	0661348	m	CORD:NBT401134P0002;AIRGAP RING;LG 1 M	Day 13.05.2022
	20			
	Manufacturer part number		Manuf. Manuf. pl. Rev. 1.	
	NBT401134P0002		0011001961	

CORD: TYPE: AIRGAP RING; LENGTH: 1 M; MATERIAL: GLASS FIBRE; CONNECTION: BLUNT; THICKNESS: 2 MM; OEM P/N: NBT401134P0002, OEM: GE STEAM POWER SERVICE; DRAWING NO: HTGG90410/12 REV 0				
00140	0665818	each	SLEEVE:HTGG409769P0003;INSULATION;STL	Day 13.05.2022
	10			
	Manufacturer part number		Manuf. Manuf. pl. Rev. 1.	
	HTGG409769P0003		0011001961	

SLEEVE: TYPE: INSULATION; DIMENSIONS: DIA 22 X LG 37 X THK 3 MM; MATERIAL: STL; APPLICATION: ELECTRICAL SYSTEM; OEM P/N: HTGG409769P0003, OEM: GE STEAM POWER SERVICE				
AIRCON TECHNICIAN LOA				
00150	0665845	each	SCREW CAP:NB 312333P0518;M20;LG 60 MM	Day 13.05.2022
	100			
	Manufacturer part number		Manuf. Manuf. pl. Rev. 1.	
	NB 312333P0518		0011001961	

SCREW, CAP: DIAMETER: M20; LENGTH: 60 MM; THREAD: 2.5 MM; HEAD: HEX; MATERIAL: HTS; GRADE: 8.8; OEM P/N: NB 312333P0518, OEM: GE STEAM POWER SERVICE; M20X60 8.8/ZN				
AIRCON TECHNICIAN PROJECT BONUS				
00160	0645571	each	SLEEVE SHFT:HTGD338654R0001;ID 89.2 MM	Day 13.05.2022
	2			
	Manufacturer part number		Manuf. Manuf. pl. Rev. 1.	
	HTGD338654R0001		0011001961	

SLEEVE, SHAFT: TYPE: SEAL ELEMENT TWO PIECE; INSIDE DIAMETER: 89.2 MM; OUTSIDE DIAMETER: 104.2 MM; LENGTH: 60 MM; MATERIAL: STL; GRADE: 316; OEM P/N: HTGD338654R0001, MANUFACTURER: GE STEAM POWER SERVICE; DRAWING NO: GGMV800515V0006/12 REV 0; HTGD018956 REV 0; HTGD477602M0001/17 REV 0; HP STOP VALVE QUICK ACTING				

Item	Material	Unit	Description	Deliv. date
	RFQ quantity			
00170	0645581		SLEEVE:HTGD338648R0001;SHAFT;STL	
	2	each		Day 13.05.2022
	Manufacturer part number		Manuf. Manuf. pl. Rev. 1.	
	HTGD338648R0001		0011001961	

SLEEVE: TYPE: SHAFT; DIMENSIONS: ID 79.1 X OD 92.6 X LG 56 MM; MATERIAL: STL; APPLICATION: HP CONTROL VALVE; OEM P/N: HTGD338648R0001, MANUFACTURER: GE STEAM POWER SERVICE; DRAWING NO: GGMV800506V0032/12 REV 0; HTGD020706 REV 0; HTGD458110M0001/13 REV 0				
00180	0645493		SHIM:HTGD464891P0001;THK 0.2 MM;STL	
	2	each		Day 13.05.2022
	Manufacturer part number		Manuf. Manuf. pl. Rev. 1.	
	HTGD464891P0001		0011001961	

SHIM: TYPE: FRONT BEARING POCKET BEARING 225; THICKNESS: 0.2 MM; DIMENSIONS: WD 69 X LG 108 MM; MATERIAL: STL; OEM P/N: HTGD464891P0001, MANUFACTURER: GE STEAM POWER SERVICE; DRAWING NO: GGMV800441V0007/41 REV 0; GGMV800506/5 REV 0; HTGD027251R0003/41 REV 0; APPLICATION: HP CONTROL VALVE VENDOR'S ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).				
00190	0665853		WASHER:HTGG413901P0005,W402199P0010;M16	
	75	each		Day 13.05.2022
	Manufacturer part number		Manuf. Manuf. pl. Rev. 1.	
	W402199P0010/HTGG413901P0005		0011001961	

WASHER: TYPE: CONICAL; NOMINAL SIZE: M16; INSIDE DIAMETER: 17 MM; OUTSIDE DIAMETER: 34 MM; THICKNESS: 1.8 MM; MATERIAL: MS; GRADE: 4.6; OEM P/N: HTGG413901P0005, MANUFACTURER: GE STEAM POWER SERVICE; W402199P0010, MANUFACTURER: GE STEAM POWER SERVICE				
00200	0645886		SEAL:GME0944241R0001;ROUND;DIA 6.2 MM	
	200	each		Day 13.05.2022
	Manufacturer part number		Manuf. Manuf. pl. Rev. 1.	
	GME0944241R0001		0011001961	

SEAL: TYPE: ROUND; DIMENSIONS: DIA 6.2 MM; MATERIAL: RUBBER; APPLICATION: MAIN GENERATOR; OEM P/N: GME0944241R0001, OEM: GE STEAM POWER SERVICE; DRAWING NO: HTGG090161/15 REV 0, HTGG090161/17 REV 0, HTGG132600/2 REV 0, HTGG90430/7 REV 0, HTGG90460 REV 0; PURCHASE PER METRE				

Item	Material	Unit	Description	Deliv. date
RFQ quantity				
00210	0645195		TRANSMITTER PRESS	
1		each		Day 13.05.2022
	TRANSMITTER, PRESSURE: SUPPL P/N: 3051TG-3A2B21BM5Q4V5			
00220	0674427		SEAL RNG:TGD 430933P0002;ID 21 MM;STL	
2		each		Day 13.05.2022
	Manufacturer part number		Manuf. Manuf. pl. Rev. 1.	
	TGD 430933P0002		0011001961	

SEAL, RING: TYPE: HP CONTROL/STOP VALVE; INSIDE DIAMETER: 21 MM; OUTSIDE DIAMETER: 30 MM; THICKNESS: 6 MM; MATERIAL: STL; APPLICATION: HP ESV/CV, LP TURBINE; OEM P/N: TGD 430933P0002, OEM: GE STEAM POWER SERVICE; DRAWING NO: GGMV800506V0032 REV 0, GGMV800506V0032/30 REV 0, GGMV800515V0006/30 REV 0, GGMV800515V2/40 REV 0, HTGD018956 REV 0, HTGD458110M0001/42 REV 0, HTGD477602M0001/40 REV 0				
00230	0661348		CORD:NBT401134P0002;AIRGAP RING;LG 1 M	
50		m		Day 13.05.2022
	Manufacturer part number		Manuf. Manuf. pl. Rev. 1.	
	NBT401134P0002		0011001961	

CORD: TYPE: AIRGAP RING; LENGTH: 1 M; MATERIAL: GLASS FIBRE; CONNECTION: BLUNT; THICKNESS: 2 MM; OEM P/N: NBT401134P0002, OEM: GE STEAM POWER SERVICE; DRAWING NO: HTGG90410/12 REV 0				
00240	0665847		WASHER:NB336407P0219;SPRING;M20;ID 21 MM	
96		each		Day 13.05.2022
	Manufacturer part number		Manuf. Manuf. pl. Rev. 1.	
	NB336407P0219		0011001961	

WASHER: TYPE: SPRING; NOMINAL SIZE: M20; INSIDE DIAMETER: 21 MM; OUTSIDE DIAMETER: 40 MM; THICKNESS: 3 MM; MATERIAL: MS; GRADE: 4.6; OEM P/N: NB336407P0219, OEM: GE STEAM POWER SERVICE				
00250	0645977		GASKET:NBT 400289P0030;FLAT;COPPER	
4		each		Day 13.05.2022
	Manufacturer part number		Manuf. Manuf. pl. Rev. 1.	
	NBT 400289P0030		0011001961	

GASKET: TYPE: FLAT; DIMENSIONS: ID 16.5 X OD 26 X THK 1 MM; MATERIAL:				

Item	Material	Description	Unit	Deliv. date
	RFQ quantity			
COPPER; APPLICATION: GENERATOR, END PLATE/WATER TANK ASSEMBLY; OEM P/N: NBT 400289P0030, OEM: GE STEAM POWER SERVICE; DRAWING NO: GGMV800607/25 REV 0, HTGD018765R0003/25 REV 0, HTGD90251 REV 0, HTGD90253/ZU271 REV 0, HTGD90255/ZU271 REV 0, HTGD90257/ZU271 REV 0, HTGG132600-96 REV B, HTGG90409/29 REV B, HTGG90430 REV B, R 408728/207 REV 0; GENERATOR ERECTION				
00260	0665856	PLATE:HTGG409745P0001;INSULATING		
	2		each	Day 13.05.2022
	Manufacturer part number	Manuf.	Manuf. pl.	Rev. 1.
	HTGG409745P0001			0011001961

PLATE: TYPE: INSULATING; DIMENSIONS: WD 65 X LG 164 X THK 1.5 MM; MATERIAL: FIBER; INSERT CU; APPLICATION: PIPE STRUT; OEM P/N: HTGG409745P0001, OEM: GE STEAM POWER SERVICE; DRAWING NO: HTGG307405-5 REV 0				
00270	0665817	ADHESIVE:NBT401802P0001;BONDING FLUID		
	6		each	Day 13.05.2022
	Manufacturer part number	Manuf.	Manuf. pl.	Rev. 1.
	NBT401802P0001			0011001961

ADHESIVE: TYPE: BONDING FLUID; CONTAINER: 20 G; PHYSICAL FORM: LIQUID WHITE; MATERIAL: RESIN; OEM P/N: NBT401802P0001, OEM: GE STEAM POWER SERVICE; DRAWING NO: HTGG90410/13 REV 0				
00280	0665848	PROFILE:HMGT405564P0002;SEAL;RUBBER		
	25		each	Day 13.05.2022
	Manufacturer part number	Manuf.	Manuf. pl.	Rev. 1.
	HMGT405564P0002			0011001961

PROFILE: DIMENSIONS: ID 4 MM X OD 8 MM X LG 8.616 M; TYPE: SEAL; MATERIAL: RUBBER; OEM P/N: HMGT405564P0002, OEM: GE STEAM POWER SERVICE; DRAWING NO: HTGG215110-4 REV D; AIR GAP ORIFICE ASSEMBLY; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).				
00290	0665852	SCREW CAP:HTGG406425R0005;M12;LG 40 MM		
	2		each	Day 13.05.2022
	Manufacturer part number	Manuf.	Manuf. pl.	Rev. 1.
	HTGG406425R0005			0011001961

SCREW, CAP: DIAMETER: M12; LENGTH: 40 MM; THREAD: 2.5 MM; HEAD: SQUARE; MATERIAL: HTS; GRADE: 8.8; OEM P/N: HTGG406425R0005, MANUFACTURER: GE STEAM				

Item	Material	Unit	Description	Deliv. date
RFQ quantity				
POWER SERVICE; DRAWING NO: HTGG13260066; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).				
00300	0665851	each	NUT HEX:NB332600P0215;M16;1/2BSF IN	Day 13.05.2022
2				
Manufacturer part number			Manuf. Manuf. pl. Rev. 1.	
NB332600P0215			0011001961	

NUT, HEX: DIAMETER: M16; THREAD: 1/2BSF IN; NUT HEIGHT: 1-1/2 IN; MATERIAL: 24CRMO5; GRADE: 1.7711; OEM P/N: NB332600P0215, OEM: GE STEAM POWER SERVICE				
00310	0665850	each	PIN CTTR SPLT:GMN338152P4364;3.2 MM;MS	Day 13.05.2022
18				
Manufacturer part number			Manuf. Manuf. pl. Rev. 1.	
GMN 338152P4364			0011001961	

PIN, COTTER SPLIT: DIAMETER: 3.2 MM; LENGTH: 32 MM; MATERIAL: MS; OEM P/N: GMN338152P4364, OEM: GE STEAM POWER SERVICE; DRAWING NO: HTGG131153-6 REV D; OUTER FRONT WALLVENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).				
00320	0665819	each	WASHER:NB336407P0213;SPRING;8.4 MM;18 MM	Day 12.05.2022
28				
Manufacturer part number			Manuf. Manuf. pl. Rev. 1.	
NB336407P0213			0011001961	

WASHER: TYPE: SPRING; INSIDE DIAMETER: 8.4 MM; OUTSIDE DIAMETER: 18 MM; THICKNESS: 1 MM; MATERIAL: SS; OEM P/N: NB336407P0213, OEM: GE STEAM POWER SERVICE; CROSS SECTION SHAPE: ROUND; SURFACE CONDITION: SMOOTH; USAGE DESIGN: STATOR ASSEMBLY				
00330	0665818	each	SLEEVE:HTGG409769P0003;INSULATION;STL	Day 13.05.2022
15				
Manufacturer part number			Manuf. Manuf. pl. Rev. 1.	
HTGG409769P0003			0011001961	

SLEEVE: TYPE: INSULATION; DIMENSIONS: DIA 22 X LG 37 X THK 3 MM; MATERIAL: STL; APPLICATION: ELECTRICAL SYSTEM; OEM P/N: HTGG409769P0003, OEM: GE STEAM POWER SERVICE				



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Item	Material	Unit	Description	Deliv. date
00340	0649138	each	INSULN:W 402727P0010;FLAT;GLASS FIBER	Day 13.05.2022
	5			
	Manufacturer part number		Manuf. Manuf. pl. Rev. 1.	
	W 402727P0010		0011001961	

INSULATION: TYPE: FLAT; DIMENSIONS: ID 17 X OD 36 X THK 4 MM; MATERIAL: GLASS FIBER; FORM: DISC; RATING: 20 OHM M; OEM P/N: W 402727P0010, OEM: GE STEAM POWER SERVICE; DRAWING NO: GGMV691513/42 REV 0; HGW 2370.4; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).				
00350	0649134	each	INSULN:HTCM444335P0001;TUBE;PF/CP 5.1	Day 13.05.2022
	5			
	Manufacturer part number		Manuf. Manuf. pl. Rev. 1.	
	HTCM444335P0001		0011001961	

INSULATION: TYPE: TUBE; DIMENSIONS: ID 11 X OD 15 X LG 20.5 X THK 2 MM; MATERIAL: PF/CP 5.1; FORM: TUBE; RATING: 50 OHM M; OEM P/N: HTCM444335P0001, OEM: GE STEAM POWER SERVICE; DRAWING NO: GGMV691513/45 REV 0, HTCM152920-19 REV 0; TEST STANDARD DIN EN 60893; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).				
00360	0649133	each	INSULN:HTCM444335P0002;TUBE;PF/CP 5.1	Day 13.05.2022
	5			
	Manufacturer part number		Manuf. Manuf. pl. Rev. 1.	
	HTCM444335P0002		0011001961	

INSULATION: TYPE: TUBE; DIMENSIONS: ID 11 X OD 15 X LG 28 X THK 2 MM; MATERIAL: PF/CP 5.1; FORM: TUBE; RATING: 50 OHM M; OEM P/N: HTCM444335P0002, OEM: GE STEAM POWER SERVICE; DRAWING NO: GGMV691513/MKB40-01 REV 0, HTCM152920-20 REV 0; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).				
00370	0652352	each	GASKET:HTGG307984P0001;FLAT DISC;16	Day 13.05.2022
	2			
	Manufacturer part number		Manuf. Manuf. pl. Rev. 1.	
	HTGG307984P0001		0011001961	

GASKET: TYPE: FLAT DISC; DIMENSIONS: ID 420 X OD 530 MM; MATERIAL: NBR BONDED MINERAL/ARAMIDE FIBER; HOLES: 16; SHAPE: ROUND; APPLICATION:				

Item	Material		Description	Deliv. date
	RFQ quantity	Unit		
GENERATOR; OEM P/N: HTGG307984P0001, OEM: GE STEAM POWER SERVICE; DRAWING NO: HTCM452919M0001-21 REV 0; DM 480MM; 16 X 12MM HOLES AND 2 PASSAGES				
00380	0654136		GASKET:HTGG307984P0006;FLAT;(16) M12	
	4	each		Day 13.05.2022
	Manufacturer part number		Manuf. Manuf. pl. Rev. 1.	
	HTGG307984P0006		0011001961	

GASKET: TYPE: FLAT; DIMENSIONS: ID 820 X OD 930 MM; MATERIAL: NBR BONDED MINERAL/ARMIDE FIBRE; HOLES: (16) M12; APPLICATION: SLIPRING COVERING; OEM P/N: HTGG307984P0006, OEM: GE STEAM POWER SERVICE; DRAWING NO: GGMV691513/48 REV 0, HTCM452919M0001-22 REV 0; DM880				
00390	0653951		INSULN:HTGG307984P0003;FLAT GASKET	
	2	each		Day 13.05.2022
	Manufacturer part number		Manuf. Manuf. pl. Rev. 1.	
	HTGG307984P0003		0011001961	

INSULATION: TYPE: FLAT GASKET; DIMENSIONS: ID 290 X OD 400 MM; MATERIAL: NBR BONDED MINERAL/ARMIDE FIBRE; FORM: DISC; RATING: 12-20 KV/MM KV; OEM P/N: HTGG307984P0003, OEM: GE STEAM POWER SERVICE; DRAWING NO: GGMV691513/49 REV 0, HTCM452919M0001-22 REV 0; 16 X 12MM HOLES AND 2 PASSAGES; DM 850; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).				
00400	0656355		PROFILE:HTCM453824P0001;LG 10 M;RUBBER	
	5	each		Day 13.05.2022
	Manufacturer part number		Manuf. Manuf. pl. Rev. 1.	
	HTCM453824P0001		0011001961	

PROFILE: DIMENSIONS: LG 10 M; TYPE: ELASTOMER; MATERIAL: RUBBER; OEM P/N: HTCM453824P0001, OEM: GE STEAM POWER SERVICE; DRAWING NO: GGMV691513/48 REV 0; REFERENCE NO: 10.2505.8809; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).				
00410	0661290		WASHER:GZN490084P0511;CONICAL;ID 13 MM	
	84	each		Day 13.05.2022
	Manufacturer part number		Manuf. Manuf. pl. Rev. 1.	
	GZN490084P0511		0011001961	

WASHER: TYPE: CONICAL; INSIDE DIAMETER: 13 MM; OUTSIDE DIAMETER: 29				

Item	Material	Description	Unit	Deliv. date
	RFQ quantity			

MM; THICKNESS: 3 MM; MATERIAL: X35CRM017; SPECIFICATION: DIN 6796; OEM P/N: GZN490084P0511, OEM: GE STEAM POWER SERVICE; DRAWING NO: GGMV691513 REV 0, GGMV691513/26 REV 0, GGMV691513/37 REV 0, GGMV691513/38 REV 0, GGMV691513/Fig. 2-26 REV 0, HTGG216827-32 REV 0; SPRING FORCE 34100N, PRESSURE FORCE 39500N

00420	0661288	WASHER:GZN490084P0510;CONICAL;ID 10.5 MM	each	Day 13.05.2022
	110			
	Manufacturer part number	Manuf.	Manuf. pl.	Rev. 1.
	GZN490084P0510			0011001961

WASHER: TYPE: CONICAL; INSIDE DIAMETER: 10.5 MM; OUTSIDE DIAMETER: 23 MM; THICKNESS: 2.5 MM; MATERIAL: X35CRM017; SPECIFICATION: DIN 6796; OEM P/N: GZN490084P0510, OEM: GE STEAM POWER SERVICE; DRAWING NO: GGMV691513/44 REV 0, HTGG216827-33 REV 0; SPRING FORCE 22100N; PRESSURE FORE 327100N

00430	0665857	TUBE:HTGG409745P0002;INSULATING;LG 13 MM	each	Day 13.05.2022
	8			
	Manufacturer part number	Manuf.	Manuf. pl.	Rev. 1.
	HTGG409745P0002			0011001961

TUBE: TYPE: INSULATING; LENGTH: 13 MM; OUTSIDE DIAMETER: 10 MM; INSIDE DIAMETER: 8 MM; MATERIAL: FIBER; COLOR: BROWN; OEM P/N: HTGG409745P0002, OEM: GE STEAM POWER SERVICE

00440	0665854	WASHER:W 402199P0012;NONMAGNETIC, SPRING	each	Day 13.05.2022
	29			
	Manufacturer part number	Manuf.	Manuf. pl.	Rev. 1.
	W402199P0012			0011001961

WASHER: TYPE: NONMAGNETIC, SPRING; NOMINAL SIZE: M16; INSIDE DIAMETER: 17 MM; OUTSIDE DIAMETER: 36 MM; THICKNESS: 3 MM; MATERIAL: STAINLESS STEEL; OEM P/N: W 402199P0012, OEM: GE STEAM POWER SERVICE; DRAWING NO: HTGG307405-8 REV N, HTGG90408/13 REV M, HTGG90428 REV M; JOINT; PIPE STRUT, INNER COV. FRONT WALL, TERMINAL WITH FLEX. CONNECTION COMPOS.

00450	0669927	WASHER:CONICAL;ID 10.5 MM;OD 20 MM	each	Day 13.05.2022
	300			
	Manufacturer part number	Manuf.	Manuf. pl.	Rev. 1.
	NB335050P109			

WASHER: TYPE: CONICAL; INSIDE DIAMETER: 10.5 MM; OUTSIDE DIAMETER: 20 MM; THICKNESS: 2 MM; MATERIAL: HARDENED SPRING STEEL; SUPPL P/N: NB335050P109



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Item	Material	Unit	Description	Deliv. date
00460	0669820 300 Manufacturer part number :NB336405P0025	each	WASHER:CONICAL;ID 10.5 MM;OD 22 MM Manuf. Manuf. pl. Rev. 1.	Day 13.05.2022
----- WASHER: TYPE: CONICAL; INSIDE DIAMETER: 10.5 MM; OUTSIDE DIAMETER: 22 MM; THICKNESS: 1.2 MM; MATERIAL: HARDENED SPRING STEEL; SUPPL P/N: NB336405P0025				
00470	0669812 2 Manufacturer part number QLKZ-01-BBB	each	SHEET GSKT:THK 4 MM;LG 2 M;WD 1 M;EPDM Manuf. Manuf. pl. Rev. 1.	Day 13.05.2022
----- SHEET, GASKET: THICKNESS: 4 MM; LENGTH: 2 M; WIDTH: 1 M; MATERIAL: EPDM; SUPPL P/N: QLKZ-01-BBB; TEMP RANGE: -4.44 TO 107 DEG C; ELONGATION: 350 PCT; TENSILE STRENGTH: 1100 PSI; DUROMETER RATING: 40; 60; 70; POLYMER: ETHYLENE-PROPYLENE-DIENE-MONOMER				
00480	0665855 8 Manufacturer part number W402727P0007	each	WASHER:W402727P0007;INSULATING;M22;MS Manuf. Manuf. pl. Rev. 1.	Day 13.05.2022
----- WASHER: TYPE: INSULATING; NOMINAL SIZE: M22; INSIDE DIAMETER: 23 MM; OUTSIDE DIAMETER: 40 MM; THICKNESS: 4 MM; MATERIAL: MS; GRADE: 4.6; OEM P/N: W402727P0007, OEM: GE STEAM POWER SERVICE; DRAWING NO: HTGG307405-6 REV AP				
00490	0665848 25 Manufacturer part number HMGT405564P0002	each	PROFILE:HMGT405564P0002;SEAL;RUBBER Manuf. Manuf. pl. Rev. 1.	Day 13.05.2022
----- PROFILE: DIMENSIONS: ID 4 MM X OD 8 MM X LG 8.616 M; TYPE: SEAL; MATERIAL: RUBBER; OEM P/N: HMGT405564P0002, OEM: GE STEAM POWER SERVICE; DRAWING NO: HTGG215110-4 REV D; AIR GAP ORIFICE ASSEMBLY; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).				

Item	Material		Description	
	RFQ quantity	Unit		Deliv. date
00500	0665850		PIN CTTR SPLT:GMN338152P4364;3.2 MM;MS	
	5	each		Day 13.05.2022
	Manufacturer part number		Manuf. Manuf. pl. Rev. 1.	
	GMN 338152P4364		0011001961	

PIN, COTTER SPLIT: DIAMETER: 3.2 MM; LENGTH: 32 MM; MATERIAL: MS; OEM P/N: GMN338152P4364, OEM: GE STEAM POWER SERVICE; DRAWING NO: HTGG131153-6 REV D; OUTER FRONT WALL VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).				
00510	0665856		PLATE:HTGG409745P0001;INSULATING	
	1	each		Day 13.05.2022
	Manufacturer part number		Manuf. Manuf. pl. Rev. 1.	
	HTGG409745P0001		0011001961	

PLATE: TYPE: INSULATING; DIMENSIONS: WD 65 X LG 164 X THK 1.5 MM; MATERIAL: FIBER; INSERT CU; APPLICATION: PIPE STRUT; OEM P/N: HTGG409745P0001, OEM: GE STEAM POWER SERVICE; DRAWING NO: HTGG307405-5 REV 0				
00520	0665847		WASHER:NB336407P0219;SPRING;M20;ID 21 MM	
	100	each		Day 13.05.2022
	Manufacturer part number		Manuf. Manuf. pl. Rev. 1.	
	NB336407P0219		0011001961	

WASHER: TYPE: SPRING; NOMINAL SIZE: M20; INSIDE DIAMETER: 21 MM; OUTSIDE DIAMETER: 40 MM; THICKNESS: 3 MM; MATERIAL: MS; GRADE: 4.6; OEM P/N: NB336407P0219, OEM: GE STEAM POWER SERVICE				
00530	0665851		NUT HEX:NB332600P0215;M16;1/2BSF IN	
	50	each		Day 13.05.2022
	Manufacturer part number		Manuf. Manuf. pl. Rev. 1.	
	NB332600P0215		0011001961	

NUT, HEX: DIAMETER: M16; THREAD: 1/2BSF IN; NUT HEIGHT: 1-1/2 IN; MATERIAL: 24CRMO5; GRADE: 1.7711; OEM P/N: NB332600P0215, OEM: GE STEAM POWER SERVICE				
00540	0665852		SCREW CAP:HTGG406425R0005;M12;LG 40 MM	
	50	each		Day 13.05.2022
	Manufacturer part number		Manuf. Manuf. pl. Rev. 1.	

Item	Material	Unit	Description	Deliv. date
	RFQ quantity			
	HTGG406425R0005			0011001961
<p>-----</p> <p>SCREW, CAP: DIAMETER: M12; LENGTH: 40 MM; THREAD: 2.5 MM; HEAD: SQUARE; MATERIAL: HTS; GRADE: 8.8; OEM P/N: HTGG406425R0005, MANUFACTURER: GE STEAM POWER SERVICE; DRAWING NO: HTGG13260066; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).</p>				
00550	0665849		WASHER:W402199P0003;ADJUSTING;M19;MS	
	100	each		Day 13.05.2022
	Manufacturer part number		Manuf. Manuf. pl. Rev. 1.	
	W402199P0003		0011001961	
<p>-----</p> <p>WASHER: TYPE: ADJUSTING; NOMINAL SIZE: M19; INSIDE DIAMETER: 20 MM; OUTSIDE DIAMETER: 35 MM; THICKNESS: 3 MM; MATERIAL: MS; GRADE: 4.6; OEM P/N: W402199P0003, OEM: GE STEAM POWER SERVICE</p> <p>AIRCON TECHNICIAN LOA</p>				
00560	0565006		RELAY:REA107;ARC PROTECTION;220 VDC	
	2	each		Day 13.05.2022
<p>RELAY: TYPE: ARC PROTECTION; COIL VOLTAGE: 220 VDC; CONTACT ARRANGEMENT: 1NO 1NC; CONTACT RATING: 1-5 A; ACTION: 2PST; TERMINAL: 8 SCREW CLAMP; MOUNT: PANEL; ENCLOSURE RATING: IP20; MANUF P/N: REA107; LIGHT UNIT</p>				
00570	0637065		RELAY CTRL:100-240 VAC; 110-250 VDC;18NO	
	7	each		Day 13.05.2022
<p>RELAY, CONTROL: CONTACT RATING: 100-240 VAC; 110-250 VDC; CONTACT ARRANGEMENT: 18NO; COIL VOLTAGE: 24-250 VDC; ACTION: (11) SPST; (6) DPST; (1) SPDT; MOUNT: BASE; TERMINAL: PLUG IN; CONTACT MATERIAL: PLASTIC; ENCLOSURE RATING: IP20; SPECIFICATION: IEC 61850; TYPE: MOTOR PROTECTION; SUPPL P/N: REM630-SBMBABABAAAZDANBXB; 23 BINARY INPUTS AND 18 BINARY OUTPUTS; 4U HALF 19IN HOUSING</p>				
00580	0635254		BASE RLY:SOCKET;WD 38.1 MM;HT 26 MM	
	5	each		Day 13.05.2022
<p>BASE, RELAY: TYPE: SOCKET; WIDTH: 38.1 MM; HEIGHT: 26 MM; MATERIAL: PLASTIC MOLDED; POTENTIAL: 250 VAC; CURRENT: 10 A; LENGTH: 75.3 MM; REFERENCE NO: 1SVR405660R0000; SUPPL P/N: CR-U3S; MOUNT: DIN RAIL; TERMINAL: 12 X SCREWS</p>				

Item	Material	Unit	Description	Deliv. date
	RFQ quantity			
00590	0635253		BASE RLY:SOCKET;WD 37.3 MM;HT 26 MM	
	5	each		Day 13.05.2022
	BASE, RELAY: TYPE: SOCKET; WIDTH: 37.3 MM; HEIGHT: 26 MM; MATERIAL: PLASTIC MOLDED; POTENTIAL: 250 VAC; CURRENT: 10 A; LENGTH: 75.3 MM; REFERENCE NO: 1SVR405670R0000; SUPPL P/N: CR-U2S; MOUNT: DIN RAIL; TERMINAL: 9 X SCREWS			
00600	0637194		CT:ISOLATION;0.72/3 KV;1 A;NATURAL;1 MM	
	5	each		Day 13.05.2022
	TRANSFORMER, CURRENT: TYPE: ISOLATION; POTENTIAL: 0.72/3 KV; SHORT CIRCUIT CURRENT: 1 A; CORE TYPE: NATURAL; CREEPAGE: 1 MM; CURRENT: 1 A; APPARENT POWER: 2.5 VA; PHASE: 1; WINDING MATERIAL: CU; SPECIFICATION: IEC 60044-1; CURRENT RATIO: 1:1; CLASS: 0.5; SUPPL P/N: 1/1A 2.5VA CL0.5			
00610	0635252		MODULE PWR SUP:SWITCH MODE UNIT	
	10	each		Day 13.05.2022
	Manufacturer part number CP-C.124/5.0 Manuf. Manuf. pl. Rev. 1.			
	----- MODULE, POWER SUPPLY: TYPE: SWITCH MODE UNIT; INPUT: 85-264 VAC; 100-350 VDC; OUTPUT: 22-28 VDC 5 A; APPLICATION: IED INPUT POWER SUPPLY; SPECIFICATION: ESKOM TSP 0131/TRMSCABK8; DRAWING NO: 1SVR360563R1001 REV 0; SUPPL P/N: CP-C.124/5.0; TERMINAL: SCREW; DIMENSIONS: WD 50 X LG 125 X DP 120 MM; LED INDICATOR FOR 24VDC OUTPUT			
00620	0237645		LAMP INCNDCT:230 VAC;AMBER	
	5	each		Day 13.05.2022
	LAMP, INCANDESCENT: POTENTIAL: 230 VAC; COLOR: AMBER; REFERENCE NO: CL-523Y			
00630	0635250		METER ELECT:RUNNING HOUR;0-99999.9 H	
	6	each		Day 13.05.2022
	METER, ELECTRICAL: TYPE: RUNNING HOUR; RANGE: 0-99999.9 H; READOUT: ANALOG; STYLE: SQ PANEL MOUNT; FACE SIZE: SQ 48 MM; SUPPL P/N: CP-H48; VOLTAGE: 220VAC/DC			
00640	0637083		TRANSDUCER:AC VOLTAGE;I/P 132 V;230 VAC	
	8	each		Day 13.05.2022
	TRANSDUCER: TYPE: AC VOLTAGE; INPUT: 132 V; OUTPUT: 4-20 MA; POWER SOURCE: 230 VAC; APPLICATION: MEASUREMENT VOLTAGE; SUPPL P/N: MI416; CLASS 0.5;			

Item	Material	Description	Unit	Deliv. date
MICROPROCESSOR CONTROL				
00650	0637077	RELAY:UNIVERSAL;230 VAC;3NO 3NC;11 PIN		
	8		each	Day 13.05.2022
RELAY: TYPE: UNIVERSAL; COIL VOLTAGE: 230 VAC; CONTACT ARRANGEMENT: 3NO 3NC; CONTACT RATING: 10 A AC 12 AT 250 VAC; ACTION: (3) SPDT; TERMINAL: 11 PIN; MOUNT: BASE; ENCLOSURE RATING: IP40; CONTACT MATERIAL: AGNI; REFERENCE NO: 1SVR405622R3000; SUPPL P/N: CR-U230AC3/230VAC				
00660	0580253	CONTACTOR:B6.30.10, GJL1211001R8100;MINI		
	12		each	Day 13.05.2022
CONTACTOR: TYPE: MINI; LINE VOLTAGE: 690VAC; 240VDC; COIL VOLTAGE: 240 VAC; CURRENT: 9-20 A; POLE: 3; ENCLOSURE RATING: IP20; SPECIFICATION: IEC 60947-1; CONTACT ARRANGEMENT: 1NO AUX; MAXIMUM CURRENT RATING: 9 A; MANUF P/N: B6.30.10, GJL1211001R8100				
00670	0570102	TRANSDUCER:MI 418-30525;CURRENT		
	13		each	Day 13.05.2022
TRANSDUCER: TYPE: CURRENT; INPUT: 0-1 A; OUTPUT: 4-20 MA; POWER SOURCE: 220 VAC 1 PH 50 HZ; APPLICATION: 3.3 KV D/D PUMP RUNNING CURRENT; SPECIFICATION: CE520307; MANUF P/N: MI 418-30525; AC/PROGRAMMABLE				
00680	0637078	RELAY:UNIVERSAL;220 VDC;3NO 3NC;10 A		
	10		each	Day 13.05.2022
RELAY: TYPE: UNIVERSAL; COIL VOLTAGE: 220 VDC; CONTACT ARRANGEMENT: 3NO 3NC; CONTACT RATING: 10 A; ACTION: SPDT; TERMINAL: 11 PIN; MOUNT: SOCKET; ENCLOSURE RATING: IP40; CONTACT MATERIAL: AGNI; REFERENCE NO: 1SVR405622R9100; SUPPL P/N: CR-U220DC3L				
00690	0637079	RELAY:UNIVERSAL;220 VDC;3NO 3NC;11 PIN		
	12		each	Day 13.05.2022
RELAY: TYPE: UNIVERSAL; COIL VOLTAGE: 220 VDC; CONTACT ARRANGEMENT: 3NO 3NC; CONTACT RATING: 10 A AC 12 AT 230 VAC; ACTION: (3) SPDT; TERMINAL: 11 PIN; MOUNT: BASE; ENCLOSURE RATING: IP40; CONTACT MATERIAL: AGNI; REFERENCE NO: 1SVR405622R9000; SUPPL P/N: CR-U220DC3/220VDC				
00700	0637080	RELAY:UNIVERSAL;240 VDC;3NO 3NC;10 A		
	5		each	Day 13.05.2022
RELAY: TYPE: UNIVERSAL; COIL VOLTAGE: 240 VDC; CONTACT ARRANGEMENT: 3NO 3NC; CONTACT RATING: 10 A; ACTION: SPDT; TERMINAL: 11 PIN; MOUNT: SOCKET;				

Item	Material	Description	Deliv. date
RFQ quantity	Unit		
ENCLOSURE RATING: IP40; CONTACT MATERIAL: AGNI; REFERENCE NO: 1SVR405622R1000; SUPPL P/N: CR-U24DC3			
00710	0250727	RELAY:12-280 VDC;BASE	
18	each		Day 13.05.2022
RELAY: COIL VOLTAGE: 12-280 VDC; MOUNT: BASE; SUPPL P/N: PR-56512029-AA; RCPM1 17/18-27/28 DUAL UNIT			
00720	0639340	HANDLE DOOR:ZS1 MV SWITCHGEAR;LG 180 MM	
30	each		Day 13.05.2022
HANDLE, DOOR: TYPE: ZS1 MV SWITCHGEAR; SIZE: LG 180 MM; MATERIAL: PLASTIC; SUPPL P/N: 1VCR002091G0001			
00730	0639547	CONTACT AUX:CIRCUIT BREAKER FEEDBACK	
40	each		Day 13.05.2022
CONTACT, AUXILIARY: TYPE: CIRCUIT BREAKER FEEDBACK; CONTACT ARRANGEMENT: 15NO; CURRENT: 1 A; POTENTIAL: 660 VAC; 800 VDC; MATERIAL: PLASTIC; SUPPL P/N: BB1/-BB2/-BB3; USED ON VD4 AND VMAX			
00740	0637081	RELAY:UNIVERSAL;230 VAC;3NO 3NC;10 A	
40	each		Day 13.05.2022
RELAY: TYPE: UNIVERSAL; COIL VOLTAGE: 230 VAC; CONTACT ARRANGEMENT: 3NO 3NC; CONTACT RATING: 10 A; ACTION: SPDT; TERMINAL: 11 PIN; MOUNT: SOCKET; ENCLOSURE RATING: IP40; CONTACT MATERIAL: AGNI; REFERENCE NO: 1SVR405622R3100; SUPPL P/N: CR-U230VAC3L			
00750	0637082	RELAY:UNIVERSAL;110 VAC;3NO 3NC;10 A	
40	each		Day 13.05.2022
RELAY: TYPE: UNIVERSAL; COIL VOLTAGE: 110 VAC; CONTACT ARRANGEMENT: 3NO 3NC; CONTACT RATING: 10 A; ACTION: SPDT; TERMINAL: 11 PIN; MOUNT: SOCKET; ENCLOSURE RATING: IP40; CONTACT MATERIAL: AGNI; REFERENCE NO: 1SVR405622R7000; SUPPL P/N: CR-U110AC3			
00760	0639341	HINGE:ZS1 LV SWITCHGEAR DOOR	
30	each		Day 13.05.2022
HINGE: TYPE: ZS1 LV SWITCHGEAR DOOR; DIMENSIONS: WD 75 X LG 80 MM; MATERIAL: METAL/PLASTIC; SUPPL P/N: GCE0990119P0100; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).			

Item	Material	Description	Deliv. date
RFQ quantity	Unit		
00770	0639342	HINGE:ZS1 MV SWITCHGEAR DOOR	
50	each		Day 13.05.2022
HINGE: TYPE: ZS1 MV SWITCHGEAR DOOR; DIMENSIONS: WD 75 X LG 80 MM; MATERIAL: METAL/PLASTIC; SUPPL P/N: 1VL7605172R0101; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).			
00780	0637075	BLOCK TRMNL:500 VAC;20 A;4 MM;2;WD 6 MM	
50	each		Day 13.05.2022
BLOCK, TERMINAL: POTENTIAL: 500 VAC; CURRENT: 20 A; WIRE SIZE: 4 MM; CIRCUIT: 2; WIDTH: 6 MM; LENGTH: 52 MM; SPECIFICATION: IEC 60947-1; REFERENCE NO: 1SNA115168R2300; SUPPL P/N: M4/6-SNBD; BUILT-IN: 1N4007			
00790	0584294	BKR:2CDS251001R0024;253VAC/72VDC;2 A;1	
2	each		Day 13.05.2022
BREAKER, CIRCUIT: POTENTIAL: 253VAC/72VDC; CURRENT: 2 A; POLE: 1; WIDTH: 17.5 MM; LENGTH: 88 MM; HEIGHT: 75.8 MM; TYPE: MCB; MOUNT: DIN RAIL; INTERRUPT CAPACITY: 6 KA; MANUF P/N: 2CDS251001R0024; TRIPPING CHARACTERISTIC: C; DELAYED THERMAL TRIPPING AND ELECTRO MECHANIC TRIPPING MECHANISMS FOR OVERLOAD AND SHORT CIRCUIT PROTECTION, RESPECTIVELY; ABB SOLE SOURCE IN PLACE EFFECTIVE 01/04/2016 TO 31/03/2022; KUSILE AGREEMENT DOCUMENT ATTACHED; DOC NO: 240-118824127			
00800	0638849	BOARD PC:CONNECTION;SPEC NDPI-02	
2	each		Day 13.05.2022
BOARD, PRINTED CIRCUIT: TYPE: CONNECTION; SPECIFICATION: NDPI-02; SUPPL P/N: 3BHL000764P0001; ABB SOLE SOURCE IN PLACE EFFECTIVE 01/04/2016 TO 31/03/2022; KUSILE AGREEMENT DOCUMENT ATTACHED; DOC NO: 240-118824127			
00810	0215296	MODULE:MODULE BUS CLUSTER;24 VDC;ACS500	
1	each		Day 13.05.2022
MODULE: TYPE: MODULE BUS CLUSTER; POWER SOURCE: 24 VDC; APPLICATION: ACS500; DIMENSIONS: WD 58 X HT 170 X DP 122 MM; REFERENCE NO: TB820 V2, UNK; SUPPL P/N: 3BSE013208R1; DIGITAL DATA INPUT/OUTPUT; ABB SOLE SOURCE IN PLACE EFFECTIVE 01/04/2016 TO 31/03/2022; KUSILE AGREEMENT DOCUMENT ATTACHED; DOC NO: 240-118824127			
00820	0580043	MODULE:3BSE008508R0001;DIGITAL INPUT	
1	each		Day 13.05.2022

Item	Material	Description	Deliv. date
RFQ quantity	Unit		
<p>MODULE: TYPE: DIGITAL INPUT; POWER SOURCE: 24VDC 6MA; MANUF P/N: 3BSE008508R0001; REFERENCE NO: DI810; 16 CHANNEL; ABB SOLE SOURCE IN PLACE EFFECTIVE 01/04/2016 TO 31/03/2022; KUSILE AGREEMENT DOCUMENT ATTACHED; DOC NO: 240-118824127</p>			
00830	0590706	CARD NETW:DIGITAL OUTPUT;16 CHANNELS	
1	each		Day 13.05.2022
<p>CARD, NETWORK: TYPE: DIGITAL OUTPUT; INTERFACE TYPE: 16 CHANNELS; MANUF P/N: 3BSE008510R0001; CURRENT SOURCING OUTPUTS: 16 CHANNELS; VOLTAGE SUPERVISION: 2 ISOLATED GROUPS OF 8; SHORT CIRCUIT PROTECTION: OUTPUT STATUS INDICATORS; OVERVOLTAGE AND OVER TEMPERATURE PROTECTION: EMC PROTECTION; DIN RAIL MOUNTING; 24VDC; ABB SOLE SOURCE IN PLACE EFFECTIVE 01/04/2016 TO 31/03/2022; KUSILE AGREEMENT DOCUMENT ATTACHED; DOC NO: 240-118824127; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).</p>			
00840	0584307	MODULE:3BSE008516R0001;I/P 0/4-20 MA	
1	each		Day 13.05.2022
<p>MODULE: TYPE: UNIPOLAR SINGLE ENDED; INPUT: 0/4-20 MA; MANUF P/N: 3BSE008516R0001; ANALOGUE INPUT; 8 CHANNELS; UNDER RANGE: -5%; OVER RANGE: 15%; A1810; ABB SOLE SOURCE IN PLACE EFFECTIVE 01/04/2016 TO 31/03/2022; KUSILE AGREEMENT DOCUMENT ATTACHED; DOC NO: 240-118824127</p>			
00850	0584309	MODULE:3BSE008544R0001;I/P 0/4-20 MA	
1	each		Day 13.05.2022
<p>MODULE: TYPE: BIPOLAR DIFFERENTIAL; INPUT: 0/4-20 MA; MANUF P/N: 3BSE008544R0001; ANALOGUE INPUT; UNDER/OVER VOLTAGE RANGE: +-15%; 4X1 CHANNELS; ABB SOLE SOURCE IN PLACE EFFECTIVE 01/04/2016 TO 31/03/2022; KUSILE AGREEMENT DOCUMENT ATTACHED; DOC NO: 240-118824127</p>			
00860	0607694	BOARD PC:VOLTAGE SUBPRINT	
1	each		Day 13.05.2022
<p>BOARD, PRINTED CIRCUIT: TYPE: VOLTAGE SUBPRINT; SUPPL P/N: 3BHE021951R0124</p>			
00870	0607693	BOARD PC:MOTOR CONTROL	
1	each		Day 13.05.2022
<p>BOARD, PRINTED CIRCUIT: TYPE: MOTOR CONTROL; SUPPL P/N: 3BHE024577R0101</p>			

Item	Material	Unit	Description	Deliv. date
	RFQ quantity			
00880	0641108		MODULE:PCI GPS CARD;CEP VSD	
	2	each		Day 13.05.2022
	MODULE: TYPE: PCI GPS CARD; APPLICATION: CEP VSD; SUPPL P/N: 3BHE015541R0002			
00890	0642067		SENSOR TEMP:0-100 DEG C;2 WIRE;BASE	
	2	each		Day 13.05.2022
	SENSOR, TEMPERATURE: MAXIMUM OPERATING TEMP: 0-100 DEG C; STYLE DESIGNATOR: 2 WIRE; MOUNT: BASE; SUPPL P/N: 3BHB015149R1001			
00900	0641103		SWITCH PRESS:AIR DIFFERENTIAL;1.5 A	
	2	each		Day 13.05.2022
	SWITCH, PRESSURE: TYPE: AIR DIFFERENTIAL; RANGE: -1 TO 110 PSI; POTENTIAL: 120-240 VAC; CURRENT: 1.5 A; ACTION: SPST; CONNECTION: FLANGE; CONTACT ARRANGEMENT: 1NO 1NC; SUPPL P/N: 3BHL000749P0001			
00910	0642066		MODULE:RTD CONVERTER;CEP VSD	
	2	each		Day 13.05.2022
	MODULE: TYPE: RTD CONVERTER; APPLICATION: CEP VSD; SUPPL P/N: 3BHB017641R0001			
00920	0642070		CAPACITOR:FILM;1 UF;4950 V	
	2	each		Day 13.05.2022
	CAPACITOR: TYPE: FILM; CAPACITANCE: 1 UF; POTENTIAL: 4950 V; SUPPL P/N: 3BHL000606P0001			
00930	0643966		SOCKET ELECT:2 PIN PLUS E	
	2	each		Day 13.05.2022
	SOCKET, ELECTRICAL: CONFIGURATION: 2 PIN PLUS E; SUPPL P/N: 3BHB018764R0001			
00940	0641112		RELAY SLD STATE:PROTECTION;220 VAC	
	1	each		Day 13.05.2022
	Manufacturer part number 3BHB017693R0001 Manif. Manif. pl. Rev. 1.			

RELAY, SOLID STATE: TYPE: PROTECTION; COIL VOLTAGE: 220 VAC; CONTACT RATING: 150 V 10 A; POTENTIAL: 115-230 VAC; CURRENT: 0.2 A; CONTACT ARRANGEMENT:

Item	Material	Description	Deliv. date
RFQ quantity	Unit		
2NO 2NC; ACTION: SPDT; MOUNT: PANEL; SPECIFICATION: DB-5935; SUPPL P/N: 3BHB017693R0001			
00950	0584303	BOARD PC:3BHE003604R0102	Day 13.05.2022
1	each	BOARD, PRINTED CIRCUIT: TYPE: DETECT FIRST EARTH FAULT; MANUF P/N: 3BHE003604R0102; INPUT VOLTAGE: 24VDC +- 10%; OUTPUT VOLTAGE: 15V +- 5%; OUTPUT DATA FORMAT: ACTIVE LOW SIGNAL; OPERATING TEMPERATURE: 0-70 DEG CEL; 2-LAYER PCB, ONE SIDE ASSEMBLY	
00960	0607695	BOARD PC:VOLTAGE LEVEL DETECTION	Day 13.05.2022
1	each	BOARD, PRINTED CIRCUIT: TYPE: VOLTAGE LEVEL DETECTION; SUPPL P/N: 3BHE009017R0102	
00970	0645113	RESISTOR:3.33 MOHM;SPEC SSX-26	Day 13.05.2022
1	each	RESISTOR: RESISTANCE: 3.33 MOHM; SPECIFICATION: SSX-26; SUPPL P/N: 3BHB016790R0001	
00980	0644820	PUSH BUTTON:CLEAR MODULAR	Day 13.05.2022
1	each	PUSH BUTTON: TYPE: CLEAR MODULAR; MODEL NO: MP1-31C; SUPPL P/N: 1SFA611100R3108; MOMENTARY; FLUSH; ILLUMINATED; CHROME METAL; NO CONTACT BLOCK	
00990	0584299	LAMP LED:1SFA616921R2025;24 VDC;WHITE	Day 13.05.2022
2	each	LAMP, LIGHT EMITTING DIODE: POTENTIAL: 24 VDC; COLOR: WHITE; BASE TYPE: MODULAR LAMP BLOCK; CURRENT: 15 MA; MANUF P/N: 1SFA616921R2025	
01000	0646372	DIODE LGHT EMIT	Day 13.05.2022
1	each	DIODE, LIGHT EMITTING: SUPPL P/N: 1SFA616901R9004	
01010	0644821	PUSH BUTTON:BLUE MODULAR	Day 13.05.2022
1	each	PUSH BUTTON: TYPE: BLUE MODULAR; MODEL NO: MP1-31L; SUPPL P/N: 1SFA611100R3104	

Item	Material	Unit	Description	Deliv. date
01020	0584298		LAMP LED:1SFA616921R2024;24 VDC;BLUE	
	1	each		Day 13.05.2022
			LAMP, LIGHT EMITTING DIODE: POTENTIAL: 24 VDC; COLOR: BLUE; BASE TYPE: MODULAR LAMP BLOCK; CURRENT: 15 MA; MANUF P/N: 1SFA616921R2024	
01030	0645122		TRFR INSTR	
	1	each		Day 13.05.2022
			TRANSFORMER, INSTRUMENT: SUPPL P/N: 3BHB015646R0001	
01040	0645123		VT	
	1	each		Day 13.05.2022
			TRANSFORMER, POTENTIAL: SUPPL P/N: 3BHB017690R0001	
01050	0584305		BOARD PC:3BHE021083R0101	
	1	each		Day 13.05.2022
			BOARD, PRINTED CIRCUIT: TYPE: HIGH VOLTAGE DIVIDER; FEATURES: COATED/VARNISHED; MANUF P/N: 3BHE021083R0101	
01060	0584306		BOARD PC:3BHB011555R0001;SPEC IEC 60939	
	1	each		Day 13.05.2022
			BOARD, PRINTED CIRCUIT: TYPE: GENERAL PURPOSE FILTERING; SPECIFICATION: IEC 60939; MANUF P/N: 3BHB011555R0001; FN 2010-60-24; RATED CURRENT: 60A AT 40 DEG CEL AND 69A AT 25 DEG CEL; OPERATING VOLTAGE: 250VAC; LEAKAGE CURRENT: 0.87MA AT 230VAC/50HZ	
01070	0641114		RELAY CTRL:12 A;1NO 1NC;110 VAC;SPDT	
	2	each		Day 13.05.2022
			RELAY, CONTROL: CONTACT RATING: 12 A; CONTACT ARRANGEMENT: 1NO 1NC; COIL VOLTAGE: 110 VAC; ACTION: SPDT; MOUNT: DIN RAIL; TERMINAL: SCREW; CONTACT MATERIAL: AG PLTD; ENCLOSURE RATING: OPEN; TYPE: HIGH VOLTAGE; SUPPL P/N: 3BHL000986P4000	
01080	0638850		MODULE:PROFIBUS ADAPTER;ACS5000	
	1	each		Day 13.05.2022
			MODULE: TYPE: PROFIBUS ADAPTER; APPLICATION: ACS5000; SPECIFICATION: NPBA-12; SUPPL P/N: 3BHL000510P0012; ABB SOLE SOURCE IN PLACE EFFECTIVE 01/04/2016 TO 31/03/2022; KUSILE AGREEMENT DOCUMENT ATTACHED; DOC NO: 240-118824127	

Item	Material	Description	Deliv. date
	RFQ quantity	Unit	
01090	0607692	BOARD PC:MAIN CIRCUIT INTERFACE BOARD	
	1	each	Day 13.05.2022
	BOARD, PRINTED CIRCUIT: TYPE: MAIN CIRCUIT INTERFACE BOARD; SUPPL P/N: 3BHE024855R0101		
01100	0579868	MODULE:3BSE008514R0001;DIGITAL OUTPUT	
	4	each	Day 13.05.2022
	MODULE: TYPE: DIGITAL OUTPUT; MANUF P/N: 3BSE008514R0001; REFERENCE NO: D0820		
01110	0584301	BOARD PC:3BHB007209R0105	
	2	each	Day 13.05.2022
	BOARD, PRINTED CIRCUIT: TYPE: ADJUSTABLE VOLTAGE DIVIDER; FEATURES: PLUG-IN SUBBOARD; MANUF P/N: 3BHB007209R0105; SVA SUB-BOARD ADJUSTS THE VOLTAGE LEVELS OF THE ANALOGUE VOLTAGE INPUTS OF THE CVM1 BOARD UF C762 USED ON ACS5000 TYPE 1; GENERATES THE OVER VOLTAGE DETECTION THRESHOLD VAUES; VOLTAGE RANGE: 0-3700V, VREP: 4.273V; 3-INPUT CHANNELS		
01120	0584302	BOARD PC:3BHB007211R0115	
	2	each	Day 13.05.2022
	BOARD, PRINTED CIRCUIT: TYPE: ADJUSTABLE INPUT ANALOGUE CURRENTS; FEATURES: PLUG-IN SUB-BOARD; MANUF P/N: 3BHB007211R0115; SCA SUB-PRINT ADJUSTS THE CURRENT LEVELS OF THE ANALOGUE CURRENT INPUTS IN COMBINATION WITH ITS MOTHERBOARD CVM1:UF C762; GENERATES THE OVER CURRENT DETECTION THRESHOLD VAUES; CURRENT RANGE: -650 TO 6501, VREFA: 4.387V, VREFB: 0.1126V; 5-INPUT CHANNELS FOR MEASUREMENT SCALING		
01130	0642072	CAPACITOR:FILM;0.1 UF;4500 V	
	2	each	Day 13.05.2022
	CAPACITOR: TYPE: FILM; CAPACITANCE: 0.1 UF; POTENTIAL: 4500 V; SUPPL P/N: 3BHB024772R0001		
01140	0642071	CAPACITOR:FILM;0.5 UF;5000 V	
	2	each	Day 13.05.2022
	CAPACITOR: TYPE: FILM; CAPACITANCE: 0.5 UF; POTENTIAL: 5000 V; SUPPL P/N: 3BHB015946R0010		

Item	Material	Description	Unit	Deliv. date
01150	0645111	PLUG ELECT:3P/PE		
	1		each	Day 13.05.2022
		PLUG, ELECTRICAL: POLE: 3P/PE; SUPPL P/N: 3BHB022165R0001; UNIBOX 500 INCL CONNECTOR		
01160	0645116	RESISTOR:1.5 OHM		
	2		each	Day 13.05.2022
		RESISTOR: RESISTANCE: 1.5 OHM; SUPPL P/N: 3BHB026354R0001		
01170	0645118	RESISTOR		
	2		each	Day 13.05.2022
		RESISTOR: SUPPL P/N: 3BHB019466R0001		
01180	0641110	TRANSDUCER:CURRENT;I/P -5 TO 5 MA		
	2		each	Day 13.05.2022
		TRANSDUCER: TYPE: CURRENT; INPUT: -5 TO 5 MA; OUTPUT: 0-20 MA DC; POWER SOURCE: 120 VAC 60 HZ; APPLICATION: CEP VSD; SUPPL P/N: 3BHE017739R0001		
01190	0583414	CONTACT AUX:S2C-H6R;MCB;1NO 1NC;4 A		
	2		each	Day 13.05.2022
		CONTACT, AUXILIARY: TYPE: MCB; CONTACT ARRANGEMENT: 1NO 1NC; CURRENT: 4 A; POTENTIAL: 400 VAC; MATERIAL: PLASTIC; CLASSIFICATION: EC001286; ATTACHMENT METHOD: PIN; CONNECTION: SCREW; SPECIFICATION: IEC 60947-5-1; MANUF P/N: S2C-H6R, MANUFACTURER: ABB; REFERENCE NO: 2CDS200912R0001, ABB; ABB SOLE SOURCE IN PLACE EFFECTIVE 01/04/2016 TO 31/03/2022; KUSILE AGREEMENT DOCUMENT ATTACHED; DOC NO: 240-118824127		
01200	0636773	DIODE:RECTIFIER;DS1112SG60;2.1 V		
	6		each	Day 13.05.2022
		DIODE: TYPE: RECTIFIER; INDUSTRY STANDARD: DS1112SG60; POTENTIAL: 2.1 V; SUPPL P/N: 3BHB023235R0001; VRRM 6000V; VFM 2.1V; IF(AV) 811A; FOR USE ON VSD ACS 5000		
01210	0584289	POWER SUPPLY:3BHB017688R0001;10 A		
	3		each	Day 13.05.2022
		POWER SUPPLY: INPUT: 230VAC 280VDC; OUTPUT VOLTAGE: 30-40VDC/AC; OUTPUT CURRENT: 10 A; APPLICATION: ABB ACS 5000 VSD; DIMENSIONS: WD 170 X HT 165 X LG 200 MM; TYPE: INSULATED; MOUNTING: PANEL; MANUF P/N: 3BHB017688R0001;		

Item	Material	Description	Unit	Deliv. date
	RFQ quantity			
SHORT CIRCUIT CURRENT: 6A; IPS21-35AD; MAX CONT OUTPUT POWER (ALL CHANNELS): 280W; MAX CONT OUTPUT POWER (ONE CHANNEL): 140W; FIBER OPTIC STATUS SIGNAL				
01220	0584295	BKR CCT LV:2CDS251001R0104;DIN RAIL;MCB		
	7		each	Day 13.05.2022
BREAKER, CIRCUIT, LOW VOLTAGE: MOUNT: DIN RAIL; TYPE: MCB; POLES: 1; CURRENT RATING: 10 A; VOLTAGE PROTECTION LEVEL: 440 V; RATED INSULATION VOLTAGE: 440 V; IMPULSE WITHSTAND VOLTAGE: 4 KW; SHORT TIME CURRENT: 6 KA; SERVICE SHORT CIRCUIT BREAKING CAPACITY: 10 KA; ULTIMATE SHORT CIRCUIT BREAKING CAPACITY: 10 KA; POLLUTION CLASS: 3; ENCLOSURE RATING: IP20; SPECIFICATION: IEC 60898-1;IEC 60947-2; APPLICATION: VSD PROTECTION; PROTECTION: SHORT CIRCUIT; MANUF P/N: 2CDS251001R0104; TRIPPING CHARACTERISTIC: C; POWER LOSS: 2.1W PER POLE; MECHANICAL AND ELECTRICAL ENDURANCE 20 000 CYCLES; ABB SOLE SOURCE IN PLACE EFFECTIVE 01/04/2016 TO 31/03/2022; KUSILE AGREEMENT DOCUMENT ATTACHED; DOC NO: 240-118824127				
01230	0642069	CAPACITOR:FILM;2 UF;4950 V		
	4		each	Day 13.05.2022
CAPACITOR: TYPE: FILM; CAPACITANCE: 2 UF; POTENTIAL: 4950 V; SUPPL P/N: 3BHL000606P0002				
01240	0644818	RESISTOR:10 OHM;2 KV;5 PCT;DRY;30 A		
	4		each	Day 13.05.2022
RESISTOR: RESISTANCE: 10 OHM; RATING: 2 KV; TOLERANCE: 5 PCT; TYPE: DRY; CURRENT: 30 A; SUPPL P/N: 3BHL000406P0001				
01250	0645115	RESISTOR		
	4		each	Day 13.05.2022
RESISTOR: SUPPL P/N: 3BHB017682R0016				
01260	0645117	RESISTOR:7.2 OHM;PARALLEL		
	4		each	Day 13.05.2022
RESISTOR: RESISTANCE: 7.2 OHM; TYPE: PARALLEL; SUPPL P/N: 3BHB019461R0001				
01270	0631853	DIODE:INDUSTRIAL RECTIFIER;5SDF0260D0001		
	6		each	Day 13.05.2022
DIODE: TYPE: INDUSTRIAL RECTIFIER; INDUSTRY STANDARD: 5SDF0260D0001; POTENTIAL: 6 KV; CURRENT: 8 A; SUPPL P/N: 3BHL000206P0001; 38MM/6KV				

Item	Material	Unit	Description	Deliv. date
01280	0645112 7 RESISTOR: RATING: 20 KV; SUPPL P/N: 3BHL000406P0102	each	RESISTOR:20 KV	Day 13.05.2022
01290	0630339 8 THYRISTOR: TYPE: RC-IGCT; CURRENT: 161 A; INDUSTRY STANDARD: RC-IGCT 5SHX; POTENTIAL: 1920 KV; SUPPL P/N: 3BHB018104R001	each	THYRISTOR:RC-IGCT;161 A;RC-IGCT 5SHX	Day 13.05.2022
01300	0645114 9 RESISTOR: RATING: 40 KA; SUPPL P/N: 3BHL000406P0103	each	RESISTOR:40 KA	Day 13.05.2022
01310	0637061 6 Manufacturer part number 8UC7111-1BB10	each	HANDLE DOOR:INTERLOCK, LV SWITCHGEAR Manuf. Manuf. pl. Rev. 1.	Day 13.05.2022
----- HANDLE, DOOR: TYPE: INTERLOCK, LV SWITCHGEAR; SIZE: LG 100 MM; MATERIAL: PLASTIC MOLDED; SUPPL P/N: 8UC7111-1BB10; USED FOR 3KL50; 3KM50; 3KA50; 3KA51 SWITCH DISCONNECTORS; SHAFT DIA: SQ 6MM				
01320	0565006 2 RELAY: TYPE: ARC PROTECTION; COIL VOLTAGE: 220 VDC; CONTACT ARRANGEMENT: 1NO 1NC; CONTACT RATING: 1-5 A; ACTION: 2PST; TERMINAL: 8 SCREW CLAMP; MOUNT: PANEL; ENCLOSURE RATING: IP20; MANUF P/N: REA107; LIGHT UNIT	each	RELAY:REA107;ARC PROTECTION;220 VDC	Day 13.05.2022
01330	0637065 7 RELAY, CONTROL: CONTACT RATING: 100-240 VAC; 110-250 VDC; CONTACT ARRANGEMENT: 18NO; COIL VOLTAGE: 24-250 VDC; ACTION: (11) SPST; (6) DPST; (1) SPDT; MOUNT: BASE; TERMINAL: PLUG IN; CONTACT MATERIAL: PLASTIC; ENCLOSURE RATING: IP20; SPECIFICATION: IEC 61850; TYPE: MOTOR PROTECTION; SUPPL P/N: REM630-SBMBABABAAAZDANBXB; 23 BINARY INPUTS AND 18 BINARY OUTPUTS; 4U HALF 19IN HOUSING	each	RELAY CTRL:100-240 VAC; 110-250 VDC;18NO	Day 13.05.2022

Item	Material	Unit	Description	Deliv. date
	RFQ quantity			
01340	0635254		BASE RLY:SOCKET;WD 38.1 MM;HT 26 MM	
	5	each		Day 13.05.2022
	BASE, RELAY: TYPE: SOCKET; WIDTH: 38.1 MM; HEIGHT: 26 MM; MATERIAL: PLASTIC MOLDED; POTENTIAL: 250 VAC; CURRENT: 10 A; LENGTH: 75.3 MM; REFERENCE NO: 1SVR405660R0000; SUPPL P/N: CR-U3S; MOUNT: DIN RAIL; TERMINAL: 12 X SCREWS			
01350	0635253		BASE RLY:SOCKET;WD 37.3 MM;HT 26 MM	
	5	each		Day 13.05.2022
	BASE, RELAY: TYPE: SOCKET; WIDTH: 37.3 MM; HEIGHT: 26 MM; MATERIAL: PLASTIC MOLDED; POTENTIAL: 250 VAC; CURRENT: 10 A; LENGTH: 75.3 MM; REFERENCE NO: 1SVR405670R0000; SUPPL P/N: CR-U2S; MOUNT: DIN RAIL; TERMINAL: 9 X SCREWS			
01360	0637194		CT:ISOLATION;0.72/3 KV;1 A;NATURAL;1 MM	
	5	each		Day 13.05.2022
	TRANSFORMER, CURRENT: TYPE: ISOLATION; POTENTIAL: 0.72/3 KV; SHORT CIRCUIT CURRENT: 1 A; CORE TYPE: NATURAL; CREEPAGE: 1 MM; CURRENT: 1 A; APPARENT POWER: 2.5 VA; PHASE: 1; WINDING MATERIAL: CU; SPECIFICATION: IEC 60044-1; CURRENT RATIO: 1:1; CLASS: 0.5; SUPPL P/N: 1/1A 2.5VA CL0.5			
01370	0635252		MODULE PWR SUP:SWITCH MODE UNIT	
	10	each		Day 13.05.2022
	Manufacturer part number CP-C.124/5.0 Manuf. Manuf. pl. Rev. 1.			
	----- MODULE, POWER SUPPLY: TYPE: SWITCH MODE UNIT; INPUT: 85-264 VAC; 100-350 VDC; OUTPUT: 22-28 VDC 5 A; APPLICATION: IED INPUT POWER SUPPLY; SPECIFICATION: ESKOM TSP 0131/TRMSCABK8; DRAWING NO: 1SVR360563R1001 REV 0; SUPPL P/N: CP-C.124/5.0; TERMINAL: SCREW; DIMENSIONS: WD 50 X LG 125 X DP 120 MM; LED INDICATOR FOR 24VDC OUTPUT			
01380	0237645		LAMP INCNDCT:230 VAC;AMBER	
	5	each		Day 13.05.2022
	LAMP, INCANDESCENT: POTENTIAL: 230 VAC; COLOR: AMBER; REFERENCE NO: CL-523Y			
01390	0635250		METER ELECT:RUNNING HOUR;0-99999.9 H	
	6	each		Day 13.05.2022
	METER, ELECTRICAL: TYPE: RUNNING HOUR; RANGE: 0-99999.9 H; READOUT: ANALOG; STYLE: SQ PANEL MOUNT; FACE SIZE: SQ 48 MM; SUPPL P/N: CP-H48; VOLTAGE:			

Item	Material	Description	Deliv. date
RFQ quantity	Unit		
220VAC/DC			
01400	0637083	TRANSDUCER:AC VOLTAGE;I/P 132 V;230 VAC	
8	each		Day 13.05.2022
TRANSDUCER: TYPE: AC VOLTAGE; INPUT: 132 V; OUTPUT: 4-20 MA; POWER SOURCE: 230 VAC; APPLICATION: MEASUREMENT VOLTAGE; SUPPL P/N: MI416; CLASS 0.5; MICROPROCESSOR CONTROL			
01410	0637077	RELAY:UNIVERSAL;230 VAC;3NO 3NC;11 PIN	
8	each		Day 13.05.2022
RELAY: TYPE: UNIVERSAL; COIL VOLTAGE: 230 VAC; CONTACT ARRANGEMENT: 3NO 3NC; CONTACT RATING: 10 A AC 12 AT 250 VAC; ACTION: (3) SPDT; TERMINAL: 11 PIN; MOUNT: BASE; ENCLOSURE RATING: IP40; CONTACT MATERIAL: AGNI; REFERENCE NO: 1SVR405622R3000; SUPPL P/N: CR-U230AC3/230VAC			
01420	0580253	CONTACTOR:B6.30.10, GJL1211001R8100;MINI	
12	each		Day 13.05.2022
CONTACTOR: TYPE: MINI; LINE VOLTAGE: 690VAC; 240VDC; COIL VOLTAGE: 240 VAC; CURRENT: 9-20 A; POLE: 3; ENCLOSURE RATING: IP20; SPECIFICATION: IEC 60947-1; CONTACT ARRANGEMENT: 1NO AUX; MAXIMUM CURRENT RATING: 9 A; MANUF P/N: B6.30.10, GJL1211001R8100			
01430	0570102	TRANSDUCER:MI 418-30525;CURRENT	
13	each		Day 13.05.2022
TRANSDUCER: TYPE: CURRENT; INPUT: 0-1 A; OUTPUT: 4-20 MA; POWER SOURCE: 220 VAC 1 PH 50 HZ; APPLICATION: 3.3 KV D/D PUMP RUNNING CURRENT; SPECIFICATION: CE520307; MANUF P/N: MI 418-30525; AC/PROGRAMMABLE			
01440	0637078	RELAY:UNIVERSAL;220 VDC;3NO 3NC;10 A	
10	each		Day 13.05.2022
RELAY: TYPE: UNIVERSAL; COIL VOLTAGE: 220 VDC; CONTACT ARRANGEMENT: 3NO 3NC; CONTACT RATING: 10 A; ACTION: SPDT; TERMINAL: 11 PIN; MOUNT: SOCKET; ENCLOSURE RATING: IP40; CONTACT MATERIAL: AGNI; REFERENCE NO: 1SVR405622R9100; SUPPL P/N: CR-U220DC3L			
01450	0637079	RELAY:UNIVERSAL;220 VDC;3NO 3NC;11 PIN	
12	each		Day 13.05.2022
RELAY: TYPE: UNIVERSAL; COIL VOLTAGE: 220 VDC; CONTACT ARRANGEMENT: 3NO 3NC; CONTACT RATING: 10 A AC 12 AT 230 VAC; ACTION: (3) SPDT; TERMINAL: 11 PIN; MOUNT: BASE; ENCLOSURE RATING: IP40; CONTACT MATERIAL: AGNI; REFERENCE NO:			

Item	Material	Description	Deliv. date
RFQ quantity	Unit		
1SVR405622R9000; SUPPL P/N: CR-U220DC3/220VDC			
01460	0637080	RELAY:UNIVERSAL;240 VDC;3NO 3NC;10 A	
5	each		Day 13.05.2022
RELAY: TYPE: UNIVERSAL; COIL VOLTAGE: 240 VDC; CONTACT ARRANGEMENT: 3NO 3NC; CONTACT RATING: 10 A; ACTION: SPDT; TERMINAL: 11 PIN; MOUNT: SOCKET; ENCLOSURE RATING: IP40; CONTACT MATERIAL: AGNI; REFERENCE NO: 1SVR405622R1000; SUPPL P/N: CR-U24DC3			
01470	0250727	RELAY:12-280 VDC;BASE	
18	each		Day 13.05.2022
RELAY: COIL VOLTAGE: 12-280 VDC; MOUNT: BASE; SUPPL P/N: PR-56512029-AA; RCPM1 17/18-27/28 DUAL UNIT			
01480	0639340	HANDLE DOOR:ZS1 MV SWITCHGEAR;LG 180 MM	
30	each		Day 13.05.2022
HANDLE, DOOR: TYPE: ZS1 MV SWITCHGEAR; SIZE: LG 180 MM; MATERIAL: PLASTIC; SUPPL P/N: 1VCR002091G0001			
01490	0639547	CONTACT AUX:CIRCUIT BREAKER FEEDBACK	
40	each		Day 13.05.2022
CONTACT, AUXILIARY: TYPE: CIRCUIT BREAKER FEEDBACK; CONTACT ARRANGEMENT: 15NO; CURRENT: 1 A; POTENTIAL: 660 VAC; 800 VDC; MATERIAL: PLASTIC; SUPPL P/N: BB1/-BB2/-BB3; USED ON VD4 AND VMAX			
01500	0637081	RELAY:UNIVERSAL;230 VAC;3NO 3NC;10 A	
40	each		Day 13.05.2022
RELAY: TYPE: UNIVERSAL; COIL VOLTAGE: 230 VAC; CONTACT ARRANGEMENT: 3NO 3NC; CONTACT RATING: 10 A; ACTION: SPDT; TERMINAL: 11 PIN; MOUNT: SOCKET; ENCLOSURE RATING: IP40; CONTACT MATERIAL: AGNI; REFERENCE NO: 1SVR405622R3100; SUPPL P/N: CR-U230VAC3L			
01510	0637082	RELAY:UNIVERSAL;110 VAC;3NO 3NC;10 A	
40	each		Day 13.05.2022
RELAY: TYPE: UNIVERSAL; COIL VOLTAGE: 110 VAC; CONTACT ARRANGEMENT: 3NO 3NC; CONTACT RATING: 10 A; ACTION: SPDT; TERMINAL: 11 PIN; MOUNT: SOCKET; ENCLOSURE RATING: IP40; CONTACT MATERIAL: AGNI; REFERENCE NO: 1SVR405622R7000; SUPPL P/N: CR-U110AC3			

Item	Material	Unit	Description	Deliv. date
	RFQ quantity			
01520	0639341		HINGE:ZS1 LV SWITCHGEAR DOOR	
	30	each		Day 13.05.2022
HINGE: TYPE: ZS1 LV SWITCHGEAR DOOR; DIMENSIONS: WD 75 X LG 80 MM; MATERIAL: METAL/PLASTIC; SUPPL P/N: GCE0990119P0100; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).				
01530	0639342		HINGE:ZS1 MV SWITCHGEAR DOOR	
	50	each		Day 13.05.2022
HINGE: TYPE: ZS1 MV SWITCHGEAR DOOR; DIMENSIONS: WD 75 X LG 80 MM; MATERIAL: METAL/PLASTIC; SUPPL P/N: 1VL7605172R0101; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).				
01540	0637075		BLOCK TRMNL:500 VAC;20 A;4 MM;2;WD 6 MM	
	50	each		Day 13.05.2022
BLOCK, TERMINAL: POTENTIAL: 500 VAC; CURRENT: 20 A; WIRE SIZE: 4 MM; CIRCUIT: 2; WIDTH: 6 MM; LENGTH: 52 MM; SPECIFICATION: IEC 60947-1; REFERENCE NO: 1SNA115168R2300; SUPPL P/N: M4/6-SNBD; BUILT-IN: 1N4007				
01550	0584294		BKR:2CDS251001R0024;253VAC/72VDC;2 A;1	
	2	each		Day 13.05.2022
BREAKER, CIRCUIT: POTENTIAL: 253VAC/72VDC; CURRENT: 2 A; POLE: 1; WIDTH: 17.5 MM; LENGTH: 88 MM; HEIGHT: 75.8 MM; TYPE: MCB; MOUNT: DIN RAIL; INTERRUPT CAPACITY: 6 KA; MANUF P/N: 2CDS251001R0024; TRIPPING CHARACTERISTIC: C; DELAYED THERMAL TRIPPING AND ELECTRO MECHANIC TRIPPING MECHANISMS FOR OVERLOAD AND SHORT CIRCUIT PROTECTION, RESPECTIVELY; ABB SOLE SOURCE IN PLACE EFFECTIVE 01/04/2016 TO 31/03/2022; KUSILE AGREEMENT DOCUMENT ATTACHED; DOC NO: 240-118824127				
01560	0638849		BOARD PC:CONNECTION;SPEC NDPI-02	
	2	each		Day 13.05.2022
BOARD, PRINTED CIRCUIT: TYPE: CONNECTION; SPECIFICATION: NDPI-02; SUPPL P/N: 3BHL000764P0001; ABB SOLE SOURCE IN PLACE EFFECTIVE 01/04/2016 TO 31/03/2022; KUSILE AGREEMENT DOCUMENT ATTACHED; DOC NO: 240-118824127				
01570	0215296		MODULE:MODULE BUS CLUSTER;24 VDC;ACS500	
	1	each		Day 13.05.2022
MODULE: TYPE: MODULE BUS CLUSTER; POWER SOURCE: 24 VDC; APPLICATION:				

Item	Material	Description	Deliv. date
RFQ quantity	Unit		
		ACS500; DIMENSIONS: WD 58 X HT 170 X DP 122 MM; REFERENCE NO: TB820 V2, UNK; SUPPL P/N: 3BSE013208R1; DIGITAL DATA INPUT/OUTPUT; ABB SOLE SOURCE IN PLACE EFFECTIVE 01/04/2016 TO 31/03/2022; KUSILE AGREEMENT DOCUMENT ATTACHED; DOC NO: 240-118824127	
01580	0580043	MODULE:3BSE008508R0001;DIGITAL INPUT	
1	each		Day 13.05.2022
		MODULE: TYPE: DIGITAL INPUT; POWER SOURCE: 24VDC 6MA; MANUF P/N: 3BSE008508R0001; REFERENCE NO: DI810; 16 CHANNEL; ABB SOLE SOURCE IN PLACE EFFECTIVE 01/04/2016 TO 31/03/2022; KUSILE AGREEMENT DOCUMENT ATTACHED; DOC NO: 240-118824127	
01590	0590706	CARD NETW:DIGITAL OUTPUT;16 CHANNELS	
1	each		Day 13.05.2022
		CARD, NETWORK: TYPE: DIGITAL OUTPUT; INTERFACE TYPE: 16 CHANNELS; MANUF P/N: 3BSE008510R0001; CURRENT SOURCING OUTPUTS: 16 CHANNELS; VOLTAGE SUPERVISION: 2 ISOLATED GROUPS OF 8; SHORT CIRCUIT PROTECTION: OUTPUT STATUS INDICATORS; OVERVOLTAGE AND OVER TEMPERATURE PROTECTION: EMC PROTECTION; DIN RAIL MOUNTING; 24VDC; ABB SOLE SOURCE IN PLACE EFFECTIVE 01/04/2016 TO 31/03/2022; KUSILE AGREEMENT DOCUMENT ATTACHED; DOC NO: 240-118824127; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	
01600	0584307	MODULE:3BSE008516R0001;I/P 0/4-20 MA	
1	each		Day 13.05.2022
		MODULE: TYPE: UNIPOLAR SINGLE ENDED; INPUT: 0/4-20 MA; MANUF P/N: 3BSE008516R0001; ANALOGUE INPUT; 8 CHANNELS; UNDER RANGE: -5%; OVER RANGE: 15%; A1810; ABB SOLE SOURCE IN PLACE EFFECTIVE 01/04/2016 TO 31/03/2022; KUSILE AGREEMENT DOCUMENT ATTACHED; DOC NO: 240-118824127	
01610	0584309	MODULE:3BSE008544R0001;I/P 0/4-20 MA	
1	each		Day 13.05.2022
		MODULE: TYPE: BIPOLAR DIFFERENTIAL; INPUT: 0/4-20 MA; MANUF P/N: 3BSE008544R0001; ANALOGUE INPUT; UNDER/OVER VOLTAGE RANGE: +-15%; 4X1 CHANNELS; ABB SOLE SOURCE IN PLACE EFFECTIVE 01/04/2016 TO 31/03/2022; KUSILE AGREEMENT DOCUMENT ATTACHED; DOC NO: 240-118824127	
01620	0607694	BOARD PC:VOLTAGE SUBPRINT	
1	each		Day 13.05.2022
		BOARD, PRINTED CIRCUIT: TYPE: VOLTAGE SUBPRINT; SUPPL P/N: 3BHE021951R0124	

Item	Material	Unit	Description	Deliv. date
	RFQ quantity			
01630	0607693		BOARD PC:MOTOR CONTROL	
	1	each		Day 13.05.2022
			BOARD, PRINTED CIRCUIT: TYPE: MOTOR CONTROL; SUPPL P/N: 3BHE024577R0101	
01640	0641108		MODULE:PCI GPS CARD;CEP VSD	
	2	each		Day 13.05.2022
			MODULE: TYPE: PCI GPS CARD; APPLICATION: CEP VSD; SUPPL P/N: 3BHE015541R0002	
01650	0642067		SENSOR TEMP:0-100 DEG C;2 WIRE;BASE	
	2	each		Day 13.05.2022
			SENSOR, TEMPERATURE: MAXIMUM OPERATING TEMP: 0-100 DEG C; STYLE DESIGNATOR: 2 WIRE; MOUNT: BASE; SUPPL P/N: 3BHB015149R1001	
01660	0641103		SWITCH PRESS:AIR DIFFERENTIAL;1.5 A	
	2	each		Day 13.05.2022
			SWITCH, PRESSURE: TYPE: AIR DIFFERENTIAL; RANGE: -1 TO 110 PSI; POTENTIAL: 120-240 VAC; CURRENT: 1.5 A; ACTION: SPST; CONNECTION: FLANGE; CONTACT ARRANGEMENT: 1NO 1NC; SUPPL P/N: 3BHL000749P0001	
01670	0642066		MODULE:RTD CONVERTER;CEP VSD	
	2	each		Day 13.05.2022
			MODULE: TYPE: RTD CONVERTER; APPLICATION: CEP VSD; SUPPL P/N: 3BHB017641R0001	
01680	0642070		CAPACITOR:FILM;1 UF;4950 V	
	2	each		Day 13.05.2022
			CAPACITOR: TYPE: FILM; CAPACITANCE: 1 UF; POTENTIAL: 4950 V; SUPPL P/N: 3BHL000606P0001	
01690	0643966		SOCKET ELECT:2 PIN PLUS E	
	2	each		Day 13.05.2022
			SOCKET, ELECTRICAL: CONFIGURATION: 2 PIN PLUS E; SUPPL P/N: 3BHB018764R0001	
01700	0641112		RELAY SLD STATE:PROTECTION;220 VAC	
	1	each		Day 13.05.2022

Item	Material	Unit	Description	Deliv. date
	RFQ quantity			
	Manufacturer part number		Manuf. Manuf. pl. Rev. 1.	
	3BHB017693R0001			

RELAY, SOLID STATE: TYPE: PROTECTION; COIL VOLTAGE: 220 VAC; CONTACT RATING: 150 V 10 A; POTENTIAL: 115-230 VAC; CURRENT: 0.2 A; CONTACT ARRANGEMENT: 2NO 2NC; ACTION: SPDT; MOUNT: PANEL; SPECIFICATION: DB-5935; SUPPL P/N: 3BHB017693R0001				
01710	0584303		BOARD PC:3BHE003604R0102	
	1	each		Day 13.05.2022
BOARD, PRINTED CIRCUIT: TYPE: DETECT FIRST EARTH FAULT; MANUF P/N: 3BHE003604R0102; INPUT VOLTAGE: 24VDC +- 10%; OUTPUT VOLTAGE: 15V +- 5%; OUTPUT DATA FORMAT: ACTIVE LOW SIGNAL; OPERATING TEMPERATURE: 0-70 DEG CEL; 2-LAYER PCB, ONE SIDE ASSEMBLY				
01720	0607695		BOARD PC:VOLTAGE LEVEL DETECTION	
	1	each		Day 13.05.2022
BOARD, PRINTED CIRCUIT: TYPE: VOLTAGE LEVEL DETECTION; SUPPL P/N: 3BHE009017R0102				
01730	0645113		RESISTOR:3.33 MOHM;SPEC SSX-26	
	1	each		Day 13.05.2022
RESISTOR: RESISTANCE: 3.33 MOHM; SPECIFICATION: SSX-26; SUPPL P/N: 3BHB016790R0001				
01740	0644820		PUSH BUTTON:CLEAR MODULAR	
	1	each		Day 13.05.2022
PUSH BUTTON: TYPE: CLEAR MODULAR; MODEL NO: MP1-31C; SUPPL P/N: 1SFA611100R3108; MOMENTARY; FLUSH; ILLUMINATED; CHROME METAL; NO CONTACT BLOCK				
01750	0584299		LAMP LED:1SFA616921R2025;24 VDC;WHITE	
	2	each		Day 13.05.2022
LAMP, LIGHT EMITTING DIODE: POTENTIAL: 24 VDC; COLOR: WHITE; BASE TYPE: MODULAR LAMP BLOCK; CURRENT: 15 MA; MANUF P/N: 1SFA616921R2025				
01760	0646372		DIODE LGHT EMIT	
	1	each		Day 13.05.2022
DIODE, LIGHT EMITTING: SUPPL P/N: 1SFA616901R9004				

Item	Material	Unit	Description	Deliv. date
01770	0644821		PUSH BUTTON:BLUE MODULAR	
	1	each		Day 13.05.2022
			PUSH BUTTON: TYPE: BLUE MODULAR; MODEL NO: MP1-31L; SUPPL P/N: 1SFA611100R3104	
01780	0584298		LAMP LED:1SFA616921R2024;24 VDC;BLUE	
	1	each		Day 13.05.2022
			LAMP, LIGHT EMITTING DIODE: POTENTIAL: 24 VDC; COLOR: BLUE; BASE TYPE: MODULAR LAMP BLOCK; CURRENT: 15 MA; MANUF P/N: 1SFA616921R2024	
01790	0645122		TRFR INSTR	
	1	each		Day 13.05.2022
			TRANSFORMER, INSTRUMENT: SUPPL P/N: 3BHB015646R0001	
01800	0645123		VT	
	1	each		Day 13.05.2022
			TRANSFORMER, POTENTIAL: SUPPL P/N: 3BHB017690R0001	
01810	0584305		BOARD PC:3BHE021083R0101	
	1	each		Day 13.05.2022
			BOARD, PRINTED CIRCUIT: TYPE: HIGH VOLTAGE DIVIDER; FEATURES: COATED/VARNISHED; MANUF P/N: 3BHE021083R0101	
01820	0584306		BOARD PC:3BHB011555R0001;SPEC IEC 60939	
	1	each		Day 13.05.2022
			BOARD, PRINTED CIRCUIT: TYPE: GENERAL PURPOSE FILTERING; SPECIFICATION: IEC 60939; MANUF P/N: 3BHB011555R0001; FN 2010-60-24; RATED CURRENT: 60A AT 40 DEG CEL AND 69A AT 25 DEG CEL; OPERATING VOLTAGE: 250VAC; LEAKAGE CURRENT: 0.87MA AT 230VAC/50HZ	
01830	0641114		RELAY CTRL:12 A;1NO 1NC;110 VAC;SPDT	
	2	each		Day 13.05.2022
			RELAY, CONTROL: CONTACT RATING: 12 A; CONTACT ARRANGEMENT: 1NO 1NC; COIL VOLTAGE: 110 VAC; ACTION: SPDT; MOUNT: DIN RAIL; TERMINAL: SCREW; CONTACT MATERIAL: AG PLTD; ENCLOSURE RATING: OPEN; TYPE: HIGH VOLTAGE; SUPPL P/N: 3BHL000986P4000	

Item	Material	Description	Deliv. date
RFQ quantity	Unit		
01840	0638850	MODULE:PROFIBUS ADAPTER;ACS5000	
1	each		Day 13.05.2022
MODULE: TYPE: PROFIBUS ADAPTER; APPLICATION: ACS5000; SPECIFICATION: NPBA-12; SUPPL P/N: 3BHL000510P0012; ABB SOLE SOURCE IN PLACE EFFECTIVE 01/04/2016 TO 31/03/2022; KUSILE AGREEMENT DOCUMENT ATTACHED; DOC NO: 240-118824127			
01850	0607692	BOARD PC:MAIN CIRCUIT INTERFACE BOARD	
1	each		Day 13.05.2022
BOARD, PRINTED CIRCUIT: TYPE: MAIN CIRCUIT INTERFACE BOARD; SUPPL P/N: 3BHE024855R0101			
01860	0579868	MODULE:3BSE008514R0001;DIGITAL OUTPUT	
4	each		Day 13.05.2022
MODULE: TYPE: DIGITAL OUTPUT; MANUF P/N: 3BSE008514R0001; REFERENCE NO: D0820			
01870	0584301	BOARD PC:3BHB007209R0105	
2	each		Day 13.05.2022
BOARD, PRINTED CIRCUIT: TYPE: ADJUSTABLE VOLTAGE DIVIDER; FEATURES: PLUG-IN SUBBOARD; MANUF P/N: 3BHB007209R0105; SVA SUB-BOARD ADJUSTS THE VOLTAGE LEVELS OF THE ANALOGUE VOLTAGE INPUTS OF THE CVM1 BOARD UF C762 USED ON ACS5000 TYPE 1; GENERATES THE OVER VOLTAGE DETECTION THRESHOLD VAUES; VOLTAGE RANGE: 0-3700V, VREP: 4.273V; 3-INPUT CHANNELS			
01880	0584302	BOARD PC:3BHB007211R0115	
2	each		Day 13.05.2022
BOARD, PRINTED CIRCUIT: TYPE: ADJUSTABLE INPUT ANALOGUE CURRENTS; FEATURES: PLUG-IN SUB-BOARD; MANUF P/N: 3BHB007211R0115; SCA SUB-PRINT ADJUSTS THE CURRENT LEVELS OF THE ANALOGUE CURRENT INPUTS IN COMBINATION WITH ITS MOTHERBOARD CVM1:UF C762; GENERATES THE OVER CURRENT DETECTION THRESHOLD VAUES; CURRENT RANGE: -650 TO 6501, VREFA: 4.387V, VREFB: 0.1126V; 5-INPUT CHANNELS FOR MEASUREMENT SCALING			
01890	0642072	CAPACITOR:FILM;0.1 UF;4500 V	
2	each		Day 13.05.2022
CAPACITOR: TYPE: FILM; CAPACITANCE: 0.1 UF; POTENTIAL: 4500 V; SUPPL P/N: 3BHB024772R0001			

Item	Material	Unit	Description	Deliv. date
01900	0642071 2 CAPACITOR: TYPE: FILM; CAPACITANCE: 0.5 UF; POTENTIAL: 5000 V; SUPPL P/N: 3BHB015946R0010	each	CAPACITOR:FILM;0.5 UF;5000 V	Day 13.05.2022
01910	0645111 1 PLUG, ELECTRICAL: POLE: 3P/PE; SUPPL P/N: 3BHB022165R0001; UNIBOX 500 INCL CONNECTOR	each	PLUG ELECT:3P/PE	Day 13.05.2022
01920	0645116 2 RESISTOR: RESISTANCE: 1.5 OHM; SUPPL P/N: 3BHB026354R0001	each	RESISTOR:1.5 OHM	Day 13.05.2022
01930	0645118 2 RESISTOR: SUPPL P/N: 3BHB019466R0001	each	RESISTOR	Day 13.05.2022
01940	0641110 2 TRANSDUCER: TYPE: CURRENT; INPUT: -5 TO 5 MA; OUTPUT: 0-20 MA DC; POWER SOURCE: 120 VAC 60 HZ; APPLICATION: CEP VSD; SUPPL P/N: 3BHE017739R0001	each	TRANSDUCER:CURRENT;I/P -5 TO 5 MA	Day 13.05.2022
01950	0583414 2 CONTACT, AUXILIARY: TYPE: MCB; CONTACT ARRANGEMENT: 1NO 1NC; CURRENT: 4 A; POTENTIAL: 400 VAC; MATERIAL: PLASTIC; CLASSIFICATION: EC001286; ATTACHMENT METHOD: PIN; CONNECTION: SCREW; SPECIFICATION: IEC 60947-5-1; MANUF P/N: S2C-H6R, MANUFACTURER: ABB; REFERENCE NO: 2CDS200912R0001, ABB; ABB SOLE SOURCE IN PLACE EFFECTIVE 01/04/2016 TO 31/03/2022; KUSILE AGREEMENT DOCUMENT ATTACHED; DOC NO: 240-118824127	each	CONTACT AUX:S2C-H6R;MCB;1NO 1NC;4 A	Day 13.05.2022
01960	0636773 6 DIODE: TYPE: RECTIFIER; INDUSTRY STANDARD: DS1112SG60; POTENTIAL: 2.1 V; SUPPL P/N: 3BHB023235R0001; VRRM 6000V; VFM 2.1V; IF(AV) 811A; FOR USE ON VSD ACS 5000	each	DIODE:RECTIFIER;DS1112SG60;2.1 V	Day 13.05.2022

Item	Material	Description	Deliv. date
RFQ quantity	Unit		
01970	0584289	POWER SUPPLY:3BHB017688R0001;10 A	
3	each		Day 13.05.2022
POWER SUPPLY: INPUT: 230VAC 280VDC; OUTPUT VOLTAGE: 30-40VDC/AC; OUTPUT CURRENT: 10 A; APPLICATION: ABB ACS 5000 VSD; DIMENSIONS: WD 170 X HT 165 X LG 200 MM; TYPE: INSULATED; MOUNTING: PANEL; MANUF P/N: 3BHB017688R0001; SHORT CIRCUIT CURRENT: 6A; IPS21-35AD; MAX CONT OUTPUT POWER (ALL CHANNELS): 280W; MAX CONT OUTPUT POWER (ONE CHANNEL): 140W; FIBER OPTIC STATUS SIGNAL			
01980	0584295	BKR CCT LV:2CDS251001R0104;DIN RAIL;MCB	
7	each		Day 13.05.2022
BREAKER, CIRCUIT, LOW VOLTAGE: MOUNT: DIN RAIL; TYPE: MCB; POLES: 1; CURRENT RATING: 10 A; VOLTAGE PROTECTION LEVEL: 440 V; RATED INSULATION VOLTAGE: 440 V; IMPULSE WITHSTAND VOLTAGE: 4 KW; SHORT TIME CURRENT: 6 KA; SERVICE SHORT CIRCUIT BREAKING CAPACITY: 10 KA; ULTIMATE SHORT CIRCUIT BREAKING CAPACITY: 10 KA; POLLUTION CLASS: 3; ENCLOSURE RATING: IP20; SPECIFICATION: IEC 60898-1;IEC 60947-2; APPLICATION: VSD PROTECTION; PROTECTION: SHORT CIRCUIT; MANUF P/N: 2CDS251001R0104; TRIPPING CHARACTERISTIC: C; POWER LOSS: 2.1W PER POLE; MECHANICAL AND ELECTRICAL ENDURANCE 20 000 CYCLES; ABB SOLE SOURCE IN PLACE EFFECTIVE 01/04/2016 TO 31/03/2022; KUSILE AGREEMENT DOCUMENT ATTACHED; DOC NO: 240-118824127			
01990	0642069	CAPACITOR:FILM;2 UF;4950 V	
4	each		Day 13.05.2022
CAPACITOR: TYPE: FILM; CAPACITANCE: 2 UF; POTENTIAL: 4950 V; SUPPL P/N: 3BHL000606P0002			
02000	0644818	RESISTOR:10 OHM;2 KV;5 PCT;DRY;30 A	
4	each		Day 13.05.2022
RESISTOR: RESISTANCE: 10 OHM; RATING: 2 KV; TOLERANCE: 5 PCT; TYPE: DRY; CURRENT: 30 A; SUPPL P/N: 3BHL000406P0001			
02010	0645115	RESISTOR	
4	each		Day 13.05.2022
RESISTOR: SUPPL P/N: 3BHB017682R0016			
02020	0645117	RESISTOR:7.2 OHM;PARALLEL	
4	each		Day 13.05.2022
RESISTOR: RESISTANCE: 7.2 OHM; TYPE: PARALLEL; SUPPL P/N: 3BHB019461R0001			

Item	Material	Unit	Description	Deliv. date
	RFQ quantity			

02030	0631853		DIODE:INDUSTRIAL RECTIFIER;5SDF0260D0001	
	6	each		Day 13.05.2022
DIODE: TYPE: INDUSTRIAL RECTIFIER; INDUSTRY STANDARD: 5SDF0260D0001; POTENTIAL: 6 KV; CURRENT: 8 A; SUPPL P/N: 3BHL000206P0001; 38MM/6KV				

02040	0645112		RESISTOR:20 KV	
	7	each		Day 13.05.2022
RESISTOR: RATING: 20 KV; SUPPL P/N: 3BHL000406P0102				

02050	0630339		THYRISTOR:RC-IGCT;161 A;RC-IGCT 5SHX	
	8	each		Day 13.05.2022
THYRISTOR: TYPE: RC-IGCT; CURRENT: 161 A; INDUSTRY STANDARD: RC-IGCT 5SHX; POTENTIAL: 1920 KV; SUPPL P/N: 3BHB018104R001				

02060	0645114		RESISTOR:40 KA	
	9	each		Day 13.05.2022
RESISTOR: RATING: 40 KA; SUPPL P/N: 3BHL000406P0103				

02070	0654448		PUMP ASSY:GREASE PUMP UNIT	
	5	each		Day 13.05.2022
Manufacturer part number Manuf. Manuf. pl. Rev. 1. LU-P205-8NL-2K7-1KR380/420LUBX				

PUMP, ASSEMBLY: TYPE: GREASE PUMP UNIT; APPLICATION: FGD BALL MILL MOBILE AND FIXED BEARING GREASING UNIT; SUPPL P/N: LU-P205-8NL-2K7-1KR380/420LUBX; ASSEMBLY COMES WITH THE FOLLOWING: PRESSURE GAUGES; BALL VALVE: DN06; PN-500; SAFETY VALVE SVTE; 350BAR R1/4IN 8L; NIVEAU LEVEL SENSOR: LU-SSKL-KG9; PUMP ELEMENT: K7-P203/P205; PUMP ELEMNT: KR-P203/P204; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).

02080	0654462		PUMP:PISTOL;1X 1/4 X 4X 1/2 IN;1470 RPM	
	1	each		Day 13.05.2022
Manufacturer part number Manuf. Manuf. pl. Rev. 1. R2.08.2.08.2.08.2.08				

PUMP: TYPE: PISTOL; SIZE: 1X 1/4 X 4X 1/2 IN; CAPACITY: 4 X 2.08 LPM; SPEED: 1470 RPM; RATING: 300 KPA; APPLICATION: FGD BALL MILL BEARING LUBRICATION SKID; SUPPL P/N: R2.08.2.08.2.08.2.08

Item	Material	Unit	Description	Deliv. date
	RFQ quantity			

02090	0654462		PUMP:PISTOL;1X 1/4 X 4X 1/2 IN;1470 RPM	
	1	each		Day 13.05.2022
	Manufacturer part number		Manuf. Manuf. pl. Rev. 1.	
	R2.08.2.08.2.08.2.08			

 PUMP: TYPE: PISTOL; SIZE: 1X 1/4 X 4X 1/2 IN; CAPACITY: 4 X 2.08 LPM; SPEED: 1470 RPM; RATING: 300 KPA; APPLICATION: FGD BALL MILL BEARING LUBRICATION SKID; SUPPL P/N: R2.08.2.08.2.08.2.08

02100	0639652		MOTOR GEARD:0.55 KW;3.3 A;3.9 RPM;345:1	
	3	each		Day 13.05.2022

MOTOR, GEARED: POWER: 0.55 KW; CURRENT: 3.3 A; OUTPUT SPEED: 3.9 RPM; RATIO: 345:1; POTENTIAL: 400 VAC; MOTOR SPEED: 1346 RPM; MOUNTING: IM B5; ENCLOSURE RATING: IP66; GEARBOX TYPE: REDUCTION; DIRECTION: BI DIRECTIONAL; INSULATION CLASS: IP66; POLES: 4; SERVICE FACTOR: S1; SPECIFICATION: EN 60034; REFERENCE NO: D80S/4; SUPPL P/N: SK9033.1AZ; MILL FEEDER CLEANOUT CHAIN CONVEYOR

02110	0619940		MOTOR ELEC:2.2 KW;1435 RPM;100L;B5	
	3	each		Day 13.05.2022

MOTOR, ELECTRIC: POWER: 2.2 KW; SPEED: 1435 RPM; FRAME: 100L; CURRENT: 4.64-2.69 A; POTENTIAL: 400/690 VAC; MOUNTING: B5; ENCLOSURE RATING: IP66; SHAFT SIZE: DIA 28J6 MM; CONNECTION LOCATION: TOP; CLASSIFICATION: SAFE ZONE; POLES: 4; INSULATION CLASS: H; PHASE: 3; CASING MATERIAL: CI; SERVICE FACTOR: 1.15; TEMPERATURE CLASS: B; DIRECTION: BI DIRECTIONAL; SPECIFICATION: IEC 60034; TYPE: SQUIRREL CAGE INDUCTION; SUPPL P/N: 12088118; APPLICATION: CONVEYOR AT ASH PLANT SYSTEM; W22-IE2 HIGH EFFICIENCY; FREQUENCY: 50HZ; LOCKED ROTOR TORQUE: 310 PCT; BREAKDOWN TORQUE: 320 PCT; DESIGN: N; NOISE LEVEL: 53DBA; FULL LOAD TORQUE: 14.6 NM; FROM BEARING: 6206-ZZ AND REAR BEARING: 6250-ZZ; DUTY CYCLE: S1; AMBIENT TEMPERATURE: -20 TO 40 DEG C; SUPPLIER TO SUPPLY DATASHEETS/DATABOOKS

02120	0641270		MOTOR ELEC:18.5 KW;2935 RPM;160L;29.5 A	
	3	each		Day 13.05.2022

MOTOR, ELECTRIC: POWER: 18.5 KW; SPEED: 2935 RPM; FRAME: 160L; CURRENT: 29.5 A; POTENTIAL: 400 VAC; MOUNTING: IMB3; ENCLOSURE RATING: IP55; SHAFT SIZE: DIA 42 MM; CONNECTION LOCATION: TOP; CLASSIFICATION: NON HAZARDOUS; POLES: 2; INSULATION CLASS: F; PHASE: 3; SERVICE FACTOR: S1; DIRECTION: BI DIRECTIONAL; SPECIFICATION: X61; TYPE: SQUIRREL CAGE



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Item	Material	Unit	Description	Deliv. date
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02130	0648891		MOTOR ELEC:5.5 KW;1480 RPM;132S;11.4 A	
	2	each		Day 13.05.2022
MOTOR, ELECTRIC: POWER: 5.5 KW; SPEED: 1480 RPM; FRAME: 132S; CURRENT: 11.4 A; POTENTIAL: 400 VAC; MOUNTING: IMB35; ENCLOSURE RATING: IP55; SHAFT SIZE: 38 MM; CONNECTION LOCATION: TOP; POLES: 4; INSULATION CLASS: F; PHASE: 3; SERVICE FACTOR: 1; DIRECTION: BI DIRECTIONAL; TYPE: SQUIRREL CAGE				

02140	0666087		MOTOR GEARD:SUPERSEDED BY 0581556;1.1 KW	
	5	each		Day 13.05.2022
Manufacturer part number		Manuf.	Manuf. pl. Rev. 1.	
004.9058				

MOTOR, GEARED: POWER: 1.1 KW; CURRENT: 2.7 A; OUTPUT SPEED: 1380 RPM; RATIO: 1380:1; POTENTIAL: 400/690 V; MOTOR SPEED: 1410 RPM; MOUNTING: D; ENCLOSURE RATING: IP55; PHASE: 3; GEARBOX TYPE: CAUB42; INSULATION CLASS: F; SHAFT: DIA 19 MM; MOTOR TYPE: SQUIRREL CAGE A90L14; MANUF P/N: 004.9058; DRAWING NO: N1/0690E REV 0; MODEL NO: RK-SL; FOR USE ON LONG RETRACTABLE SOOTBLOWER RK-SL; GEAR OUTPUT SPEED 14.4 L/MIN; GEAR RATIO 95.8; RATED TORQUE 7.6NM