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GSTIN: 27AAJCS6111J1Z8

PR Number	PR Date	Indenter	Department
17004698	10.01.2024	Nitin Pol	ELECTRIC

Not Transferable

Security Classification:

**TENDER DOCUMENT FOR PURCHASE OF: PROCUREMENT
OF ESSENTIAL ELECTRICAL SPARES FOR IKOI TUNNEL CASTING
FURNACE FROM OEM MACHINE**

Tender Number: 6000018671/ELECTRIC, Dated: 11.03.2024

This Tender Document Contains _____ Pages.

Details of Contact person in SPMCIL regarding this tender:

Name: RAVI PRAKASH YADAV
Designation: Manager(MM)
Address: IGMM (India Government Mint, Mumbai)
India

Section1: Notice Inviting Tender (NIT)

6000018671 /ELECTRIC

11.03.2024

(SPMCIL's Tender SI No.)

(Date)

1. Sealed tenders are invited from eligible and qualified tenderers for supply of following goods & services:

Sch d. No.	Brief Description of Goods/services	Quantity (with unit)	Earnest Money (In Rupee)	Remarks
1	BT33.1 Optical Pyrometer IKOI Furnace CMEL000861	1.000 EA	0.00INR	
2	BT33.1 Optical Pyrometer cable IKOI Furn CMEL000862	1.000 EA		
3	ST6.1 Tempreture Sensor IKOI Furance CMEL000863	1.000 EA		
4	INV7.1A Inverter fully programmed IkoI F CMEL000864	1.000 EA		
5	CR10.1 XPS MCM Relay IKOI Furnace CMEL000865	1.000 EA		
6	BOX2-SQ21.1 Pusher backward Sensor IkoI CMEL000866	1.000 EA		
7	BOX2-SF21.1 No Water flow Switch IKOI Fu CMEL000867	1.000 EA		
8	BOX3 ST21.2 Sensor Lower Cooling over He CMEL000868	1.000 EA		
	BOX3 ST21.3 Sensor chamber	1.000 EA		



Sch d. No.	Brief Description of Goods/services	Quantity (with unit)	Earnest Money (In Rupee)	Remarks
9	Cooling over CMEL000869			
10	HA22.1 SUL TETTO DEL QE Ikoi Furance CMEL000870	1.000 EA		
11	BOX4 SP25.1 Pressure Switch IKOI Furanc CMEL000871	1.000 EA		
12	BOX6 SQ25.1 Unloading Sensor IKOI Fura CMEL000872	1.000 EA		
13	BOX4 SQ25.2 Sensor First cover -up cooli CMEL000873	1.000 EA		
14	BOX4 SP26.1 Air Pressure Switch IKOI CMEL000874	1.000 EA		
15	BXO2 SP26.2 Tempreture Sensor Inductor CMEL000875	1.000 EA		
16	BOX2-ST26.5 Temp sensor Transformer Over CMEL000876	1.000 EA		
17	BOX3-T32.1 Water temp solidification tem CMEL000877	1.000 EA		
18	BOX3-T32.2 Water temp input temp sensor	1.000 EA		

Sch d. No.	Brief Description of Goods/services	Quantity (with unit)	Earnest Money (In Rupee)	Remarks
	CMEL000878			
19	BOX3-T32.3 Water temp output temp senso CMEL000879	1.000 EA		
20	BOX3-T32.4 Water temp outlet group power CMEL000880	1.000 EA		
21	BOX2- SQ35.1 Sensor transfer load forwar CMEL000881	1.000 EA		
22	BOX2- SQ35.2 Sensor loaded transfer NOET CMEL000882	1.000 EA		
23	BOX2- SQ35.3 Sensor translator Unload fo CMEL000883	1.000 EA		
24	BOX2- SQ35.5 Sensor Oven Outlet extra -s CMEL000884	1.000 EA		
25	BOX2- SF35.1 Flow Switch no water lkoj F CMEL000885	1.000 EA		
26	BOX 6-SQ36.1 Sensor presense of the oven CMEL000886	1.000 EA		
27	BOX 6-SQ36.2 Sensor Ingot weight Vicita CMEL000887	1.000 EA		



Sch d. No.	Brief Description of Goods/services	Quantity (with unit)	Earnest Money (In Rupee)	Remarks
28	BOX 6-SQ36.3 Sensor Presense spacer / .50 CMEL000888	1.000 EA		
29	BOX 6-SQ36.4 Sensor Ingot tera Presense CMEL000889	1.000 EA		
30	BOX 6-SQ36.5 Sensor spacer Presense sl CMEL000890	1.000 EA		
31	BOX 6-SQ36.6 Sensor ingoter presense at CMEL000891	1.000 EA		
32	BOX 6-SQ36.7 Sensor presense/pitch on CMEL000892	1.000 EA		
33	BOX 2-SQ37.1 Sensor presense of aastro CMEL000893	1.000 EA		
34	BOX 2-SQ37.2 Sensor box Connector lkoi CMEL000894	1.000 EA		
35	BOX 2-SQ37.3 Sensor boss Connector inse CMEL000895	1.000 EA		
36	BOX 2-SQ39.4 Sensor port inductor low CMEL000896	1.000 EA		



Sch d. No.	Brief Description of Goods/services	Quantity (with unit)	Earnest Money (In Rupee)	Remarks
37	BOX 3-SQ39.5 Magnetic Sensor port high CMEL000897	1.000 EA		
38	BOX 2-SQ39.8 Magnetic Sensor Gate out CMEL000898	1.000 EA		
39	BOX 4-YV61.1 Electro valve process Gate CMEL000899	1.000 EA		
40	BOX 4-YV62.2 Electro valve Moving down c CMEL000900	1.000 EA		
41	BOX 2-YV63.2 Solenoid Noetro reverse lk CMEL000901	1.000 EA		
42	BOX 4-YV63.4 Solenoid back reverse lkoi CMEL000902	1.000 EA		
43	BOX 4-YV63.5 Solenoid activate start CMEL000903	1.000 EA		
44	BOX 2-YV64.2 Solenoid valve lower therm CMEL000904	1.000 EA		
45	BOX 2-YV64.3 Solenoid thermal door li CMEL000905	1.000 EA		

Sch d. No.	Brief Description of Goods/services	Quantity (with unit)	Earnest Money (In Rupee)	Remarks
46	BOX 4-YV64.9 outlet opening door opening CMEL000906	1.000 EA		
47	FC8.4- Safety Switch Iko Furance CMEL000907	1.000 EA		
48	FU44- ITALWSEBER BCH 3 X38 ,32AMP Iko CMEL000908	1.000 EA		
49	FU4.1- ITALWSEBER BCH 2 X38 ,32AMP Iko CMEL000909	1.000 EA		
50	FU4.2- ITALWSEBER BCH 1 X38 Iko Furan CMEL000910	1.000 EA		
51	PB1-5 Modular Power Supply 230 volts ac/ CMEL000911	1.000 EA		
52	PB1-24 Modular Power Supply 230 volts ac CMEL000912	1.000 EA		
53	PB1-12 Modular Power Supply 230 volts ac CMEL000913	1.000 EA		
54	Sen 02- Sensor 02 KE 25 0-25%(COD.ISOCLL CMEL000914	1.000 EA		



Sch No.	Brief Description of Goods/services	Quantity (with unit)	Earnest Money (In Rupee)	Remarks
55	SCH -SCH new ADSO 4 Line (COD.ISOCLL 060 CMEL000915	1.000 EA		
56	V6- Analysis EV Exhaust solenoid CMEL000916	1.000 EA		
57	Control panel display unit with associat CMEL000917	1.000 EA		
58	Bekomat, 4003051,230 voltsac,10%/50 TO 6 CMEL000918	1.000 EA		
59	IC 12/C2 Control System IC 208CX CMEL000919	1.000 EA		
60	Display Panel User interface display un CMEL000920	1.000 EA		
61	HP1-14A/D1 High Pressure Circuit Pressur CMEL000921	1.000 EA		
62	LP1-14A/D4 Pressure switch low Pressur CMEL000922	1.000 EA		
63	PD-14A/D5 Flow level Switch CMEL000923	1.000 EA		
	Pb1- 16/B2 Evaporator Inlet	1.000 EA		

Sch d. No.	Brief Description of Goods/services	Quantity (with unit)	Earnest Money (In Rupee)	Remarks
64	Tempreture P CMEL000924			
65	Pb2- 16/B3 Evaporator Outlet Tempreture CMEL000925	1.000 EA		
66	Pb5- 16/B4 External Tempreture Probe CMEL000926	1.000 EA		
67	Pb4- 16/C7 Condensing Pressure Probe CMEL000927	1.000 EA		
Type of Tender (Two Bid/ PQB/ EOI/ RC/ Development/ Indigenization/ Disposal of Scrap/ Security Item etc.)			ONE-BID PROPRIETARY ARTICLE CERTIFICATE	
Dates of sale of tender documents:			From to during office hours.	
Place of sale of tender documents				
Closing date and time for receipt of tenders			02.04.2024 14:30:00	
Place of receipt of tenders				
Time and date of opening of tenders			02.04.2024 15:00:00	
Place of opening of tenders			I.G.MINT, MUMBAI	
Nominated Person/ Designation to Receive Bulky Tenders (Clause 21.21.1 of GIT)			RAVI PRAKASH YADAV Manager(MM)	

REF: procurement of essential electrical spares for IKOI Tunnel casting furnace.

Sir,

Please refer to the above and your quotation for procurement of essential electrical spares for IKOI Tunnel casting furnace. In this connection kindly accept the following important terms & conditions as per our procurement rule:

1. Delivery terms: India Government Mint, Mumbai
2. Delivery Period: 16 weeks from the date of issue of Purchase order.
3. Quotation Validity: (90 days).

The quotation must be in the form furnished by procuring entity and should be in ink free corrections/erasures. In case there is any unavoidable correction it should be properly attested, otherwise the quotation will not be considered.

Quotation will be opened on due date at 3.00 p.m. at the indicated venue in presence of tenderer or their representatives who may wish to be present. However being PAC item, quotation will be opened whenever received.

The purchaser reserves the right to accept the offer by individual items and reject any or all tenders without assigning any reason thereof and does not bind itself to accept lowest quotation.

4. GST: To be quoted.

Payment of GST is primarily the responsibility of the seller and will not be paid unless the percentage value is clearly mentioned in the quotation. If no indication regarding GST is recorded in the quotation, the GST will be considered as included.

5. Payment Terms: The Payment to suppliers shall be made through NEFT only after receipt & acceptance of goods on certification by Mint's competent authority. TDS will be deducted as applicable.

6. Applicable law for the contract: As per government of India directive and SPMCIL procurement norms the applicable law for this contract shall be the laws prevailing in India.

Jurisdiction: As per government of India directive and SPMCIL procurement norms the Jurisdiction shall be Mumbai, India.

7. Manufacturer's name and country of origin of materials offered must be clearly specified. Please quote whether your organization is large scale industry or small-scale industry. If you have NSIC/SSI/MSI certificate, please attach it to the quotation, Mention your registration details.

8. Complete details and ISI specification if any must accompany the quotation. Make/Brand of the item shall be stated wherever applicable. If you have got any counter offer as suitable to the material required by us, the same may be shown separately.

9. All supplies are subject to inspection and approval before acceptance. Manufacturer/Supplier Warranty Certificates and Manufacturer/Government Approved Lab Test Certificate shall be furnished along with the supply, wherever applicable.

10. Force Majeure clause: In the event of any unforeseen event directly interfering with the supply of stores arising during the currency of the contract, such as war, hostilities, acts of the public enemy, civil commotion, sabotage, fires, floods, explosions, epidemics, quarantine restrictions, strikes, lockouts, or acts of God, the Contractor shall within a week from the commencement thereof, notify the same in writing to the Purchaser with reasonable evidence thereof. Unless otherwise directed by SPMCIL in writing, the supplier shall continue to perform its obligations under the contract as far as reasonably practical, and shall seek all reasonable alternative means for performance not prevented by the Force Majeure event. If the force majeure condition(s) mentioned above be in force for a period of 90 days or more at any time, either party shall have the option to terminate the contract on expiry of 90 days of commencement of such force majeure by giving 14 days# notice to the other party in writing. In case of such termination, no damages shall be claimed by either party against the other, save and except those which had occurred under any other clause of this contract prior to such termination.

11. If the contractor fails to deliver the stores or any installment there if within the DP or at any time repudiates the contract before expiry of such period, the CFA without prejudice to the right of SPMCIL to recover damages for breach of contract may recover from the contractor as agreed L/D and not by way of penalty a sum equivalent to 0.5% of the basis prices of any stores which the contractor has failed to deliver within the period agreed for delivery in the contract, for each week or part thereof during which the delivery of such stores may be in arrears where delivery thereof is accepted after expiry of the aforesaid period. The total damages shall not exceed value of 10% of the basis price of undelivered goods.

12. If the deliveries are not maintained and due to that account the Purchaser is forced to buy the material at your Risk and Cost from elsewhere, the loss or damage that may be sustained there by will be recovered from the defaulting supplier.

13. Please submit an undertaking stating that the price quoted in the referred quotation is lowest and your firm has



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not quoted price lower than this quoted rate to any organization in the last one year.

Kindly send your at the earliest.

रविप्रकाश
11/03/24

Ravi Prakash Yadav
Chief Purchase & Stores Officer
For and on behalf of GENERAL MANAGER
India Government Mint, Mumbai
Telephone No: 022-22703184 Ext:129/110/131 Fax:022-22661450.
Email: purchase.igmm@spmcil.com

.....

.....
(Name Designation, Address telephone number etc
of the officer signing the document)

For and on behalf of
.....



Tender Number:6000018671

Section II: General Instructions to Tenderers (GIT)

Part 1: General Instructions Applicable to all type of Tenderers

As per Annexure-I

Section III: Specific Instructions to Tenderers (SIT)

The following Special Instructions to Tenderers will apply for this purchase. These special instructions will modify/ substitute/ supplement the corresponding General Instructions to Tenderers (GIT) incorporated in Section II. The corresponding GIT clause numbers have also been indicated in the text below:

In case of any conflict between the provision in the GIT and that in the SIT, the provision contained in the SIT shall prevail.

(Clauses of GIT listed below include a possibility for variation in their provisions through SIT. There could be other clauses in SIT as deemed fit.)

Sr No	GIT Clause No.	Topic	SIT Provision
07	11.2	TENDER CURRENCY	Supplier is requested to quote price within 2 Decimal place. Quotation with price quote beyond 2 decimal place is ignored.

Section IV: General Conditions of Contract (GCC)

As per Annexure-II

Section V: Special Conditions of Contract (SCC)

The following Special Conditions of Contract (SCC) will apply for this purchase. The corresponding clauses of General Conditions of Contract (GCC) relating to the SCC stipulations have also been incorporated below. These Special Conditions will modify/ substitute/ supplement the corresponding (GCC) clauses.

Whenever there is any conflict between the provision in the GCC and that in the SCC, the provision contained in the SCC shall prevail.

(Clauses of GCC listed below include a possibility for variation in their provisions through SCC. There could be other clauses in SCC as deemed fit)

SI.No	GCC Clause No.	Topic	SCC Provision
09	16.2, 16.4	WARRANTEE CLAUSE	12 months from the date of supply of material at IGM, Mumbai. The detailed warranty clause shall be as per General Conditions of Contract (GCC) Clause No.16

Section VI: List of Requirements

Schedule No.	Breif Description of goods and services (Related Specifications etc. are in Section-VII)	Accounting Unit	Quantity	Amount of Earnest Money	Remark
1	CMEL000861 BT33.1 Optical Pyrometer IKOI Furnace	EA	1.000	0.00INR	
2	CMEL000862 BT33.1 Optical Pyrometer cable IKOI Furn	EA	1.000		
3	CMEL000863 ST6.1 Tempreture Sensor IKOI Furance	EA	1.000		
4	CMEL000864 INV7.1A Inverter fully programmed IkoI F	EA	1.000		
5	CMEL000865 CR10.1 XPS MCM Relay IKOI Furnace	EA	1.000		
6	CMEL000866 BOX2-SQ21.1 Pusher backward Sensor IkoI	EA	1.000		
7	CMEL000867 BOX2-SF21.1 No Water flow Switch IKOI Fu	EA	1.000		
8	CMEL000868 BOX3 ST21.2 Sensor Lower Cooling over He	EA	1.000		
9	CMEL000869 BOX3 ST21.3 Sensor chamber Cooling over	EA	1.000		
10	CMEL000870 HA22.1 SUL TETTO DEL QE IkoI Furance	EA	1.000		
11	CMEL000871 BOX4 SP25.1 Pressure Switch IKOI Furanc	EA	1.000		
12	CMEL000872 BOX6 SQ25.1 Unloading Sensor IKOI Fura	EA	1.000		
13	CMEL000873 BOX4 SQ25.2 Sensor First cover -up cooli	EA	1.000		
14	CMEL000874 BOX4 SP26.1 Air Pressure Switch IKOI	EA	1.000		
15	CMEL000875 BXO2 SP26.2 Tempreture Sensor	EA	1.000		



Schedule No.	Breif Description of goods and services (Related Specifications etc. are in Section-VII)	Accounting Unit	Quantity	Amount of Earnest Money	Remark
	Inductor				
16	CMEL000876 BOX2-ST26.5 Temp sensor Transformer Over	EA	1.000		
17	CMEL000877 BOX3-T32.1 Water temp solidification tem	EA	1.000		
18	CMEL000878 BOX3-T32.2 Water temp input temp sensor	EA	1.000		
19	CMEL000879 BOX3-T32.3 Water temp output temp senso	EA	1.000		
20	CMEL000880 BOX3-T32.4 Water temp outlet group power	EA	1.000		
21	CMEL000881 BOX2-SQ35.1 Sensor transfer load forwar	EA	1.000		
22	CMEL000882 BOX2-SQ35.2 Sensor loaded transfer NOET	EA	1.000		
23	CMEL000883 BOX2-SQ35.3 Sensor translator Unload fo	EA	1.000		
24	CMEL000884 BOX2-SQ35.5 Sensor Oven Outlet extra -s	EA	1.000		
25	CMEL000885 BOX2-SF35.1 Flow Switch no water lkoi F	EA	1.000		
26	CMEL000886 BOX6-SQ36.1 Sensor presense of the oven	EA	1.000		
27	CMEL000887 BOX6-SQ36.2 Sensor Ingot weight Vicita	EA	1.000		
28	CMEL000888 BOX6-SQ36.3 Sensor Presense spacer / .50	EA	1.000		
29	CMEL000889 BOX6-SQ36.4 Sensor Ingot tera Presense	EA	1.000		
30	CMEL000890 BOX	EA	1.000		



Schedule No.	Breif Description of goods and services (Related Specifications etc. are in Section-VII)	Accounting Unit	Quantity	Amount of Earnest Money	Remark
	6-SQ36.5 Sensor spacer Presense sl				
31	CMEL000891 BOX 6-SQ36.6 Sensor ingoter presense at	EA	1.000		
32	CMEL000892 BOX 6-SQ36.7 Sensor presense/pitch on	EA	1.000		
33	CMEL000893 BOX 2-SQ37.1 Sensor presense of aastro	EA	1.000		
34	CMEL000894 BOX 2-SQ37.2 Sensor box Connector lkoi	EA	1.000		
35	CMEL000895 BOX 2-SQ37.3 Sensor boss Connector inse	EA	1.000		
36	CMEL000896 BOX 2-SQ39.4 Sensor port inductor low	EA	1.000		
37	CMEL000897 BOX 3-SQ39.5 Magnetic Sensor port high	EA	1.000		
38	CMEL000898 BOX 2-SQ39.8 Magnetic Sensor Gate out	EA	1.000		
39	CMEL000899 BOX 4-YV61.1 Electro valve process Gate	EA	1.000		
40	CMEL000900 BOX 4-YV62.2 Electro valve Moving down c	EA	1.000		
41	CMEL000901 BOX 2-YV63.2 Solenoid Noetro reverse lk	EA	1.000		
42	CMEL000902 BOX 4-YV63.4 Solenoid back reverse lkoi	EA	1.000		
43	CMEL000903 BOX 4-YV63.5 Solenoid activate start	EA	1.000		
44	CMEL000904 BOX 2-YV64.2 Solenoid valve lower therm	EA	1.000		



Schedule No.	Breif Description of goods and services (Related Specifications etc.are in Section-VII)	Accounting Unit	Quantity	Amount of Earnest Money	Remark
45	CMEL000905 BOX 2-YV64.3 Solenoid thermal door li	EA	1.000		
46	CMEL000906 BOX 4-YV64.9 outlet opening door opening	EA	1.000		
47	CMEL000907 FC8.4- Safety Switch IkoI Furance	EA	1.000		
48	CMEL000908 FU44- ITALWSEBER BCH 3 X38 ,32AMP IkoI	EA	1.000		
49	CMEL000909 FU4.1- ITALWSEBER BCH 2 X38 ,32AMP IkoI	EA	1.000		
50	CMEL000910 FU4.2- ITALWSEBER BCH 1 X38 IkoI Furan	EA	1.000		
51	CMEL000911 PB1-5 Modular Power Supply 230 volts ac/	EA	1.000		
52	CMEL000912 PB1-24 Modular Power Supply 230 volts ac	EA	1.000		
53	CMEL000913 PB1-12 Modular Power Supply 230 volts ac	EA	1.000		
54	CMEL000914 Sen 02- Sensor 02 KE 25 0-25%(COD.ISOCLL	EA	1.000		
55	CMEL000915 SCH -SCH new ADSO 4 Line (COD.ISOCLL 060	EA	1.000		
56	CMEL000916 V6- Analysis EV Exhaust solenoid	EA	1.000		
57	CMEL000917 Control panel display unit with associat	EA	1.000		
58	CMEL000918 Bekomat, 4003051,230 voltsac,10%/50 TO 6	EA	1.000		
59	CMEL000919 IC 12/C2 Control System IC 208CX	EA	1.000		
60	CMEL000920 Display Panel User interface display un	EA	1.000		
61	CMEL000921 HP1-14A/D1	EA	1.000		



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Schedule No.	Breif Description of goods and services (Related Specifications etc. are in Section-VII)	Accounting Unit	Quantity	Amount of Earnest Money	Remark
	High Pressure Circuit Pressur				
62	CMEL000922 LP1-14A/D4 Pressure switch low Pressur	EA	1.000		
63	CMEL000923 PD-14A/D5 Flow level Switch	EA	1.000		
64	CMEL000924 Pb1- 16/B2 Evaporator Inlet Temperture P	EA	1.000		
65	CMEL000925 Pb2- 16/B3 Evaporator Outlet Temperture	EA	1.000		
66	CMEL000926 Pb5- 16/B4 External Temperture Probe	EA	1.000		
67	CMEL000927 Pb4- 16/C7 Condensing Pressure Probe	EA	1.000		

Section VII: Technical Specifications

Item no.1

CMEL000861

BT33.1 Optical Pyrometer IKOI Furnace

The above spares are required for direct replacement on existing IKOI furnace without any modifications.

Machine Name: IKOI Flameless Tunnel Induction Furnace, Power 95 KW ,Connection: 3 Ph. +PE, Max Temp 1350 Degree Cel., Voltage: Delta/Star 415 Volts, Amp: Delta/Star:138 Amp,Fr:50 Hz, Article: Z4700400,Part No:015-18,Chiller unit:-Make: IKOI, Part No:016.18,Article no:01400038,Supply:3 Phase 415 volts ac 50hertz,Nitrogen Generator: Make: IKOI Total power:0.5 KW, Part No.017.18,Supply:230 Volts AC,50 Hertz AC, Article no:00900020,Date of Manuf:2018.

Terms and conditions:-

- 1) The firm will have to confirm that all offered spares are suitable for direct replacement.
- 2) Firm will have to give 01 years warranty for offered spares,.
- 3) After receipt of spares, if required, firm will have to provide On Line/Off line support to installation and configure the spares.
- 4) The firm will have to send product brochure for the spares supplied.

Item no.2

CMEL000862

BT33.1 Optical Pyrometer cable IKOI Furnace

Item no.3

CMEL000863

ST6.1 Temperature Sensor IKOI Furnace

Item no.4

CMEL000864

INV7.1A Inverter fully programmed IkoI Furnace

Item no.5

CMEL000865

CR10.1 XPS MCM Relay IKOI Furnace

Item no.6

CMEL000866

BOX2-SQ21.1 Pusher backward Sensor IkoI

Item no.7

CMEL000867

BOX2-SF21.1 No Water flow Switch IKOI Furnace

Item no.8

CMEL000868

BOX3 ST21.2 Sensor Lower Cooling over Heating

Item no.9

CMEL000869

BOX3 ST21.3 Sensor chamber Cooling over Heating



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Item no.10
CMEL000870
HA22.1 SUL TETTO DEL QE Ikoi Furnace

Item no.11
CMEL000871
BOX4 SP25.1 Pressure Switch IKOI Furnace

Item no.12
CMEL000872
BOX6 SQ25.1 Unloading Sensor IKOI Furnace

Item no.13
CMEL000873
BOX4 SQ25.2 Sensor First cover -up cooling plates

Item no.14
CMEL000874
BOX4 SP26.1 Air Pressure Switch IKOI

Item no.15
CMEL000875
BXO2 SP26.2 Temperature Sensor Inductor overheating

Item no.16
CMEL000876
BOX2-ST26.5 Temp sensor Transformer overheating

Item no.17
CMEL000877
BOX3-T32.1 Water temp solidification temp sensor

Item no.18
CMEL000878
BOX3-T32.2 Water temp input temp sensor

Item no.19
CMEL000879
BOX3-T32.3 Water temp output temp sensor

Item no.20
CMEL000880
BOX3-T32.4 Water temp outlet group power trans

Item no.21
CMEL000881
BOX2- SQ35.1 Sensor transfer load forward

Item no.22
CMEL000882
BOX2- SQ35.2 Sensor loaded transfer NOETRO

Item no.23
CMEL000883

BOX2- SQ35.3 Sensor translator Unload forward

Item no.24

CMEL000884

BOX2- SQ35.5 Sensor Oven Outlet extra -stroke

Item no.25

CMEL000885

BOX2- SF35.1 Flow Switch no water IkoI Forward

Item no.26

CMEL000886

BOX 6-SQ36.1 Sensor presence of the oven outlet spacer

Item no.27

CMEL000887

BOX 6-SQ36.2 Sensor Ingot weight Vicita poring

Item no.28

CMEL000888

BOX 6-SQ36.3 Sensor Presence spacer /50 tape input

Item no.29

CMEL000889

BOX 6-SQ36.4 Sensor Ingot tera Presence on belt input

Item no.30

CMEL000890

BOX 6-SQ36.5 Sensor spacer Presence slim tape

Item no.31

CMEL000891

BOX 6-SQ36.6 Sensor ingoter presence at the end of the tape

Item no.32

CMEL000892

BOX 6-SQ36.7 Sensor presence/pitch on tape

Item no.33

CMEL000893

BOX 2-SQ37.1 Sensor presence of aastro conveyor entered

Item no.34

CMEL000894

BOX 2-SQ37.2 Sensor box Connector IkoI

Item no.35

CMEL000895

BOX 2-SQ37.3 Sensor boss Connector inserted

Item no.36

CMEL000896

BOX 2-SQ39.4 Sensor port inductor low

Item no.37
CMEL000897
BOX 3-SQ39.5 Magnetic Sensor port high solidification

Item no.38
CMEL000898
BOX 2-SQ39.8 Magnetic Sensor Gate out low

Item no.39
CMEL000899
BOX 4-YV61.1 Electro valve process Gas

Item no.40
CMEL000900
BOX 4-YV62.2 Electro valve Moving down cooling covers

Item no.41
CMEL000901
BOX 2-YV63.2 Solenoid Noetro reverse Ikoi

Item no.42
CMEL000902
BOX 4-YV63.4 Solenoid back reverse Ikoi

Item no.43
CMEL000903
BOX 4-YV63.5 Solenoid activate start

Item no.44
CMEL000904
BOX 2-YV64.2 Solenoid valve lower thermal door

Item no.45
CMEL000905
BOX 2-YV64.3 Solenoid thermal door lift solenoid valve

Item no.46
CMEL000906
BOX 4-YV64.9 outlet opening door opening solenoid valve.

Item no.47
CMEL000907
FC8.4- Safety Switch Ikoi Furnace

Item no.48
CMEL000908
FU44- ITALWSEBER BCH 3 X38,32 AMP Ikoi

Item no.49
CMEL000909
FU4.1- ITALWSEBER BCH 2 X38,32 AMP Ikoi

Item no.50

CMEL000910
FU4.2- ITALWSEBER BCH 1 X38 Ikoi Furanace

Item no.51
CMEL000911
PB1-5 Modular Power Supply 230 volts ac/% vdc 3 A

Item no.52
CMEL000912
PB1-24 Modular Power Supply 230 volts ac/24V DC, 1A

Item no.53
CMEL000913
PB1-12 Modular Power Supply 230 volts ac/12V DC, 83A

Item no.54
CMEL000914
Sen 02- Sensor 02 KE 25 0-25%(COD.ISOCLL 06010005)

Item no.55
CMEL000915
SCH -SCH new ADSO 4 Line (COD.ISOCLL 06030047)

Item no.56
CMEL000916
V6- Analysis EV Exhaust solenoid

Item no.57
CMEL000917
Control panel display unit with associate card

Item no.58
CMEL000918
Bekomat, 4003051,230 voltsac,10%/50 TO 60

Item no.59
CMEL000919
IC 12/C2 Control System IC 208CX

Item no.60
CMEL000920
Display Panel User interface display unit

Item no.61
CMEL000921
HP1-14A/D1 High Pressure Circuit Pressure switch

Item no.62
CMEL000922
LP1-14A/D4 Pressure switch low Pressure circuit 1

Item no.63
CMEL000923
PD-14A/D5 Flow level Switch



Tender Number:6000018671

Item no.64
CMEL000924
Pb1- 16/B2 Evaporator Inlet Temperature Probe

Item no.65
CMEL000925
Pb2- 16/B3 Evaporator Outlet Temperature Probe

Item no.66
CMEL000926
Pb5- 16/B4 External Temperature Probe

Item no.67
CMEL000927
Pb4- 16/C7 Condensing Pressure Probe

Mailing List (List of Vendors)

S.No.	Vendor Number	Vendor name	Vendor Address
1	104573	The Bidder,	The Bidder,

ANNEXURE - III
PRICE SCHEDULE

Sr. No.	Description of Spares (A)	Quantity (B)	Rate (C)	GST% (D)
1	BT33.1 Optical Pyrometer IKOI Furnace	1		
2	BT33.1 Optical Pyrometer cable IKOI Furn	1		
3	ST6.1 Temperature Sensor IKOI Furnace	1		
4	INV7.1A Inverter fully programmed Ikoi F	1		
5	CR10.1 XPS MCM Relay IKOI Furnace	1		
6	BOX2-SQ21.1 Pusher backward Sensor Ikoi	1		
7	BOX2-SF21.1 No Water flow Switch IKOI Fu	1		
8	BOX3 ST21.2 Sensor Lower Cooling over He	1		
9	BOX3 ST21.3 Sensor chamber Cooling over	1		
10	HA22.1 SUL TETTO DEL QE Ikoi Furnace	1		
11	BOX4 SP25.1 Pressure Switch IKOI Furnac	1		
12	BOX6 SQ25.1 Unloading Sensor IKOI Fura	1		
13	BOX4 SQ25.2 Sensor First cover -up cooli	1		
14	BOX4 SP26.1 Air Pressure Switch IKOI	1		
15	BXO2 SP26.2 Temperature Sensor Inductor	1		
16	BOX2-ST26.5 Temp sensor Transformer Over	1		
17	BOX3-T32.1 Water temp solidification tem	1		
18	BOX3-T32.2 Water temp input temp sensor	1		
19	BOX3-T32.3 Water temp output temp senso	1		
20	BOX3-T32.4 Water temp outlet group power	1		
21	BOX2- SQ35.1 Sensor transfer load forwar	1		
22	BOX2- SQ35.2 Sensor loaded transfer NOET	1		
23	BOX2- SQ35.3 Sensor translator Unload fo	1		
24	BOX2- SQ35.5 Sensor Oven Outlet extra -s	1		
25	BOX2- SF35.1 Flow Switch no water Ikoi F	1		
26	BOX 6-SQ36.1 Sensor presense of the oven	1		
27	BOX 6-SQ36.2 Sensor Ingot weight Vicita	1		
28	BOX 6-SQ36.3 Sensor Presense spacer /.50	1		
29	BOX 6-SQ36.4 Sensor Ingot tera Presense	1		
30	BOX 6-SQ36.5 Sensor spacer Presense sl	1		
31	BOX 6-SQ36.6 Sensor ingoter presense at	1		
32	BOX 6-SQ36.7 Sensor presense/pitch on	1		
33	BOX 2-SQ37.1 Sensor presense of aastro	1		
34	BOX 2-SQ37.2 Sensor box Connector Ikoi	1		
35	BOX 2-SQ37.3 Sensor boss Connector inse	1		
36	BOX 2-SQ39.4 Sensor port inductor low	1		
37	BOX 3-SQ39.5 Magnetic Sensor port high	1		
38	BOX 2-SQ39.8 Magnetic Sensor Gate out	1		
39	BOX 4-YV61.1 Electro valve process Gate	1		
40	BOX 4-YV62.2 Electro valve Moving down c	1		
41	BOX 2-YV63.2 Solenoid Noetro reverse Ik	1		
42	BOX 4-YV63.4 Solenoid back reverse Ikoi	1		
43	BOX 4-YV63.5 Solenoid activate start	1		
44	BOX 2-YV64.2 Solenoid valve lower therm	1		
45	BOX 2-YV64.3 Solenoid thermal door li	1		

46	BOX 4-YV64.9 outlet opening door opening	1		
47	FC8.4- Safety Switch Ikoï Furance	1		
48	FU44- ITALWSEBER BCH 3 X33 .32AMP Ikoï	1		
49	FU4.1- ITALWSEBER BCH 2 X38 .32AMP Ikoï	1		
50	FU4.2- ITALWSEBER BCH 1 X38 Ikoï Furan	1		
51	PB1-5 Modular Power Supply 230 volts ac/	1		
52	PB1-24 Modular Power Supply 230 volts ac	1		
53	PB1-12 Modular Power Supply 230 volts ac	1		
54	Sen 02- Sensor 02 KE 25 0-25%(COD.ISOCLL	1		
55	SCH -SCH new ADSO 4 Line (COD.ISOCLL 060	1		
56	V6- Analysis EV Exhaust solenoid	1		
57	Control panel display unit with associat	1		
58	Bekomat, 4003051,230 voltsac, 10%/50 TO 6	1		
59	IC 12/C2 Control System IC 208CX	1		
60	Display Panel User interface display un	1		
61	HP1-14A/D1 High Pressure Circuit Pressur	1		
62	LP1-14A/D4 Pressure switch low Pressur	1		
63	PD-14A/D5 Flow level Switch	1		
64	Pb1- 16/B2 Evaporator Inlet Tempreture P	1		
65	Pb2- 16/B3 Evaporator Outlet Tempreture	1		
66	Pb5- 16/B4 External Tempreture Probe	1		
67	Pb4- 16/C7 Condensing Pressure Probe	1		
TOTAL COST WITH GST				