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Web: www.cnpnashik.spmcil.com E-mail: gmcnp@spmCIL.com

PR Number	PR Date	Indenter	Department
17004727	22.02.2024	JYOTHIS G.R.	ELE

Not Transferable

Security Classification:

**TENDER DOCUMENT FOR PURCHASE OF: PROCUREMENT OF ELECTRICAL & ELECTRONIC SPARES FOR KOMORI MAKE ROLLER COATER MACHINES**

**Tender Number: 6000018726/, Dated: 18.04.2024**

This Tender Document Contains \_\_\_\_\_ Pages.

Details of Contact person in SPMCIL regarding this tender:

**Name:** RAJKUMAR R  
**Designation:** Manager (MM)  
**Address:** CNPN (Currency Note Press, Nashik)  
India

## Section1: Notice Inviting Tender (NIT)

6000018726 /

18.04.2024

(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)	Total Earnest Money (In Rs.)	Remarks
1	Power Line Filter(RC1204-015) SPEL029161	1.000 EA	0.00GBP	
2	Solid State Relay(RC1204-016) SPEL029162	4.000 EA		
3	Current Transformer(RC1204-017) SPEL030818	3.000 EA		
4	Terminal Optocoupler(RC1204-004) SPEL029163	3.000 EA		
5	Safety Relay(RC1204-021) SPEL029164	1.000 EA		
6	Phase Monitoring Relay(RC1204-071) SPEL029165	1.000 EA		
7	Current Control Relay(RC1204-074) SPEL029166	2.000 EA		
8	Current Transducer(RC1204-070) SPEL029177	4.000 EA		
9	PLC Power Supply(RC1204-009) SPEL029178	1.000 EA		
10	Card Module Input 16way24Vdc(RC1204-008)	2.000 EA		

Sch d. No.	Brief Description of Goods/services	Quantity (with unit)	Total Earnest Money (In Rs.)	Remarks
	SPEL029179			
11	Card Module AD8VI 8CH(RC1204-075) SPEL029180	2.000 EA		
12	Temperature Control unit(RC1201-008) SPEL029181	2.000 EA		
13	HMI (RC1201-017) SPEL029182	1.000 EA		
14	Magnetic Display(RC1201-001) SPEL029183	1.000 EA		
15	Relay(RC1202-024) SPEL029184	3.000 EA		
16	Potentiometer(RC1202-016) SPEL029185	2.000 EA		
17	Potentiometer(RC1202-025) SPEL029186	3.000 EA		
18	Gear Motor(Headstock)(RC1126-021) SPEL029187	1.000 EA		
19	Gear Motor (Roller)(RC1129-050) SPEL029188	1.000 EA		
20	IR sensor head & transmitter(RC1135-056) SPEL029189	2.000 EA		

Sch d. No.	Brief Description of Goods/services	Quantity (with unit)	Total Earnest Money (In Rs.)	Remarks
21	Roller micro-sw. with lever(RC1114-012) SPEL029190	2.000 EA		
22	Magnetic sensor with cable(RC1123-050) SPEL029191	1.000 EA		
23	Pressure Switch(RC1161-027) SPEL029192	3.000 EA		
24	Solenoid Valve(RC1161-017) SPEL029193	2.000 EA		
25	Solenoid Valve(RC1161-037) SPEL029194	2.000 EA		
26	FAN(RC1158-020) SPEL030819	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 18.04.2024 to 17.05.2024 during office hours.	
Place of sale of tender documents			PURCHASE DEPARTMENT, CURRENCY NOTE PRESS, JAIL ROAD, NASHIK	
Closing date and time for receipt of tenders			17.05.2024 14:30:00	
Place of receipt of tenders			CISF, PASS SECTION, CURRENCY NOTE PRESS, JAIL ROAD, NASHIK	
Time and date of opening of tenders			17.05.2024 15:00:00	
Place of opening of tenders			PURCHASE DEPARTMENT, CURRENCY NOTE PRESS, JAIL ROAD, NASHIK	
Nominated Person/ Designation to Receive Bulky Tenders (Clause 21.21.1 of GIT)			RAJKUMAR R Manager (MM)	

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

2. Quotation will be opened on due date at 3.00 PM at the indicated venue in presence of tenderer or their representatives who may wish to be present.

3. 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 quotations.

4. Participation in this tender is by invitation only. Unsolicited offers are liable to be ignored. However, vendors who desire to participate in such tenders in future may bring it to the notice of Procuring Entity and apply for registration as per procedure. Note: To get registered as approved supplier with procuring entity, please download supplier approval form from SPMCIL WEBSITE [www.spmcil.com](http://www.spmcil.com) and submit.

5. 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.

6. 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.

7. 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.

8. The Purchaser reserves the right to modify the quantity specified in this enquiry.

9. The prices quoted should be firm till the supplies are completed. Please quote the rates in words and figures. Rates quoted should be free delivery at FOB. If there is no indication regarding the FOR, in the quotation, then it will be considered as F.O.R. Destinations. Price quoted should be net and valid for a minimum period of 90 days from the date of opening of the quotation.

10. Delivery Period required for supplying the material should be invariably specified in the quotation.

11. LIQUIDATED DAMAGE - if the supplier fails to deliver any or all of the goods or fails to perform the services within the time frame(s) incorporated in the contract, PURCHASER shall, without prejudice to other rights and remedies available to PURCHASER under the contract, deduct from the contract price, as liquidated damages, a sum equivalent to the ½% of the delivered price of the delayed goods and/ or services for each week of delay or part thereof until actual delivery or performance, subject to a maximum deduction of the 10% of the delayed goods# or services# contract price(s).

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. Dispute Clause: Any dispute relating to the enquiry shall be subject to the jurisdiction of the court at NASHIK only.

14. Our normal payment terms are 100% payment within 30 days on receipt and acceptance of material at our site in good condition.

15. Submit quotation as per enclosed format.

16. In case of order material in your favour for Rs. 2,50,000/-

or above, the supplier shall furnish the performance security amount/ Security Deposit(S.D) (5% of the ordered value) after issue of Purchase order by CNP, Nashik Road in favour of SPMCIL, Unit CNP, payable at Nashik. The performance security will be return back without any interest to successful bidder after the completion of all contractual obligations.

Yours faithfully,

Manager(Materials)  
For Chief General Manager  
Currency Note Press, Nashik Road

Copy to :

M/s. KOMORI CURRENCY TECHNOLOGY  
SECURITY PRESS SALES GROUP,  
KOMORI CORPORATION, UNITS 2 & 3,  
TILLINGBOURNE COURT,  
DORKING BUSINESS PARK,



Tender Number:6000018726

STATION ROAD, DORKING,  
SURREY RH4 IHJ,  
UNITED KINGDOM.

.....

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

For and on behalf of  
.....



Tender Number:6000018726

## **Section II: General Instructions to Tenderers (GIT)**

### **Part 1: General Instructions Applicable to all type of Tenderers**

Section II: General Instructions to Tenderers (GIT)

Part 1: General Instructions Applicable to all type of Tenderers

Please CLICK the link for further details

<https://www.spmcil.com/spmcil/UploadDocument/GIT.pdf>

Bidders are requested to download 61 pages by clicking the above given link and submit the same duly stamped and signed along with tender document. Unsigned/stamped printouts of these pages are not acceptable.

### 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
01	3.	ELIGIBLE TENDERERS	This tender is by invitation to PAC certificate holder
02	3.4	ELIGIBLE GOODS AND SERVICES (ORIGIN OF GOODS)	Not Applicable
03	6.1	THE TENDER DOCUMENTS INCLUDES:	Applicable
04	8	PREBID CONFERENCE	Not Applicable
05	9	TIME LIMIT FOR RECEIVING REQUEST FOR CLARIFICATION OF TENDER DOCUMENTS	No change
06	10.1	THE TECHNICAL BID TO BE SUBMITTED BY TENDERER SHALL CONTAIN THE FOLLOW	No change
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.
08	12.1	TENDER PRICES	Applicable
09	12.2, 33, 36.1	SCHEDULE WISE EVALUATION	Not Applicable
10	12.6	GST DETAILS	No change
11	14	PVC CLAUSE & FORMULA	Not applicable
12	14.4 TO 14.7	EXCHANGE RATE VARIATION (ERV)	No change
13	16.2 A) TO C)	DOCUMENTS ESTABLISHING TENDERER#S ELIGIBILITY AND QUALIFICATIONS	Not applicable
14	18.4, 18.5	EARNEST MONEY DEPOSIT (EMD)	Not applicable
15	19	TENDER VALIDITY	90 Days from the date of tender opening
16	20.4	NUMBER OF COPIES OF TENDERS TO BE SUBMITTED	Single copy (original)
17	20.8	TWO BID SYSTEM	Not applicable
18	20.9	E-PROCUREMENT	Not applicable
19	34. AND 35.1	COMPARISON ON CIF DESTINATION BASIS	Not applicable
20	35.2 TO 35.6	ADDITIONAL FACTORS FOR EVALUATION OF OFFERS AND PREFERENTIAL SCHEMES	Not applicable
21	43	PARALLEL CONTRACTS	Not Applicable



Sr No	GIT Clause No.	Topic	SIT Provision
22	44.1	SERIOUS MISDEMEANOURS	No change
23	44.3	INTEGRITY PACT	Not applicable
24	45.1	NOTIFICATION OF AWARD	No change
25	50.	APPLICABILITY OF ADDITIONAL GIT FOR RATE CONTRACTS	Not applicable
26	51.	APPLICABILITY OF ADDITIONAL GIT FOR PQB TENDERS	Not applicable
27	52.	APPLICABILITY OF ADDITIONAL GIT FOR TENDERS INVOLVING SAMPLES	Not applicable
28	53.	APPLICABILITY OF ADDITIONAL GIT FOR EOI TENDERS	Not applicable
29	54.	APPLICABILITY OF ADDITIONAL GIT FOR TENDERS FOR DISPOSAL OF SCRAP	Not applicable
30	55.	APPLICABILITY OF ADDITIONAL GIT FOR DEVELOPMENT/ INDIGENIZATION TENDER	Not applicable



Tender Number:6000018726

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## **Section IV: General Conditions of Contract (GCC)**

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Section IV: General Conditions of Contract (GCC)

Please CLICK the link for further details

<https://www.spmcil.com/spmcil/UploadDocument/GCC.pdf>

Bidders are requested to download 36 pages by clicking the above given link and submit the same duly stamped and signed along with tender document. Unsigned/stamped printouts of these pages are not acceptable.

## 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
02	6.1, 6.3 & 6.5	PERFORMANCE BOND/ SECURITY	Applicable
03	8.2	PACKING AND MARKING	Applicable
04	9	INSPECTION AND QUALITY CONTROL	Applicable
05	11.2	TRANSPORTATION OF DOMESTIC GOODS	No change
06	12.	INSURANCE	No change
07	14.1	INCIDENTAL SERVICES	Not applicable
08	15	DISTRIBUTION OF DESPATCH DOCUMENTS FOR CLEARANCE/ RECEIPT OF GOODS	Applicable
09	16.2, 16.4	WARRANTEE CLAUSE	Applicable
10	19.3	OPTION CLAUSE	Not applicable
11	20.1	PRICE ADJUSTMENT CLAUSE	Not applicable
12	21.	TAXES AND DUTIES	If the tenderer fails to include taxes and duties in the tender, no claim thereof will be considered by purchaser afterwards
13	22.	TERMS AND MODE OF PAYMENTS	100% payment will be made by way of Direct Bank Transfer after receipt & acceptance of material at CNP.
14	24.1	QUANTUM OF LD	Applicable
15	25.1	BANK GUARANTEE AND INSURANCE FOR MATERIAL LOANED TO CONTRACTOR	Not applicable
16	33.1	RESOLUTION OF DISPUTES	No change
17	36.3.2,36.3.9	DISPOSAL/ SALE OF SCRAP BY TENDER	Not Applicable

## 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	SPEL029161 Power Line Filter(RC1204-015)	EA	1.000	0.00GBP	
2	SPEL029162 Solid State Relay(RC1204-016)	EA	4.000		
3	SPEL030818 Current Transformer(RC1204-017)	EA	3.000		
4	SPEL029163 Terminal Optocoupler(RC1204-004)	EA	3.000		
5	SPEL029164 Safety Relay(RC1204-021)	EA	1.000		
6	SPEL029165 Phase Monitoring Relay(RC1204-071)	EA	1.000		
7	SPEL029166 Current Control Relay(RC1204-074)	EA	2.000		
8	SPEL029177 Current Transducer(RC1204-070)	EA	4.000		
9	SPEL029178 PLC Power Supply(RC1204-009)	EA	1.000		
10	SPEL029179 Card Module Input 16way24Vdc(RC1204-008)	EA	2.000		
11	SPEL029180 Card Module AD8VI 8CH(RC1204-075)	EA	2.000		
12	SPEL029181 Temperature Control unit(RC1201-008)	EA	2.000		
13	SPEL029182 HMI (RC1201-017)	EA	1.000		
14	SPEL029183 Magnetic Display(RC1201-001)	EA	1.000		
15	SPEL029184 Relay(RC1202-024)	EA	3.000		
16	SPEL029185 Potentiometer(RC1202-016)	EA	2.000		
17	SPEL029186 Potentiometer(RC1202-025)	EA	3.000		
18	SPEL029187 Gear Motor(Headstock)(RC1126-021)	EA	1.000		
19	SPEL029188 Gear Motor (Roller)(RC1129-050)	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
20	SPEL029189 IR sensor head & transmitter(RC1135-056)	EA	2.000		
21	SPEL029190 Roller micro-sw. with lever(RC1114-012)	EA	2.000		
22	SPEL029191 Magnetic sensor with cable(RC1123-050)	EA	1.000		
23	SPEL029192 Pressure Switch(RC1161-027)	EA	3.000		
24	SPEL029193 Solenoid Valve(RC1161-017)	EA	2.000		
25	SPEL029194 Solenoid Valve(RC1161-037)	EA	2.000		
26	SPEL030819 FAN(RC1158-020)	EA	1.000		

1. Required Delivery Schedule: The Bidder shall supply the spares within 4 months from the date of issue of Purchase for FOB basis.

2. Purchaser reserves the right to alter the delivery schedule as per requirement.

3. Required Terms of Delivery: - FOB basis.

4. Destination: - Currency Note Press, Jail Road, Nashik Road 422101

5. Preferred Mode of Transportation: - By Sea/Air.

6. Bid Validity: 90 days from due date of tender.

7. Bidders should submit offer as per price schedule (Section XI) in their sealed commercial bid separately.

8. Bidder have to open the link provided in Section II, IV & XII onwards and take print out of all the documents available and then sign and stamp each and every paper and submit along with the technical tender.

9. All the copies of tenders shall be complete in all respects with all their attachments/enclosures duly numbered.

10. The total cost inclusive of all elements as cited above on FOB basis should be indicated clearly both in words and figures in the price bid.

11. Bidders has to submit Bank details i.e.

a) Account Number :

b) Bank Name:

c) Branch:

d) IFSC Code:



Annexure:I

Unit Currency Note Press, Nashik of Security Printing and Minting Corporation  
of India Limited

Firm's Reference		Date	
Email		Limited Tender/ Proprietary Procurement Form	Proprietary Procurement Form (PAC)
Phone			
Fax			
Telex			
M/s:	M/s. Komori Currency Technology Security Press Sales Group, Komori Corporation, Unit 2 & 3, Tillingbourne Court, Dorking, Business Park, Station Road, Dorking, Surrey RH4 IHJ, United Kingdom.	Enquiry No and Date	<b>6000018726 Dated: 18.04.2024</b>
		Date of Tender opening	<b>17.05.2024</b>
		The Tender would be opened at 3 pm on the date of tender opening above, at the address mentioned above.	

Please submit on or before 3:00 pm on date of tender opening, your quotation for following goods, in accordance with the Terms and Conditions printed overleaf, in a sealed cover, marked on top with - Enquiry No; Date of Tender opening.

Yours Sincerely

Asstt/ Purchase Officer

Tender Schedule

Sr No	Description and Specification of Material	Quantity	Unit	Delivery Required	In figure and in words Rs.		Taxes & Duties
					Rate per unit	Value	
1	Power Line Filter(RC1204-015)	1	EA				
2	Solid State Relay(RC1204-016)	4	EA				
3	Current Transformer(RC1204-017)	3	EA				
4	Terminal Optocoupler(RC1204-004)	3	EA				
5	Safety Relay(RC1204-021)	1	EA				
6	Phase Monitoring Relay(RC1204-071)	1	EA				
7	Current Control Relay(RC1204-074)	2	EA				
8	Current Transducer(RC1204-070)	4	EA				

9	PLC Power Supply(RC1204-009)	1	EA				
10	Card Module Input 16way24Vdc(RC1204-008)	2	EA				
11	Card Module AD8VI 8CH(RC1204-075)	2	EA				
12	Temperature Control unit(RC1201-008)	2	EA				
13	HMI (RC1201-017)	1	EA				
14	Magnetic Display(RC1201-001)	1	EA				
15	Relay(RC1202-024)	3	EA				
16	Potentiometer(RC1202-016)	2	EA				
17	Potentiometer(RC1202-025)	3	EA				
18	Gear Motor(Headstock)(RC1126-021)	1	EA				
19	Gear Motor (Roller)(RC1129-050)	1	EA				
20	IR sensor head & transmitter(RC1135-056)	2	EA				
21	Roller micro-sw. with lever(RC1114-012)	2	EA				
22	Magnetic sensor with cable(RC1123-050)	1	EA				
23	Pressure Switch(RC1161-027)	3	EA				
24	Solenoid Valve(RC1161-017)	2	EA				
25	Solenoid Valve(RC1161-037)	2	EA				
26	FAN(RC1158-020)	1	EA				

Enclosed Specifications/ Drawings/ Special Conditions of Contract:

**Item/ Tender Specific Conditions of this tender:** As per the "Description and specification of material" mentioned above. Also attached **Annexure "A"**.

I/ We engage to supply the material(s) to your office and comply the following:

1. Tender Schedule and Technical Specification indicated
2. Item/ Tender specific conditions for this tender.
3. Terms and Conditions printed overleaf
4. General conditions of Contract signed by me at the time of Vendors Registration (for registered vendors)
5. I/ we confirm that set off for the GST etc. paid on the inputs have been taken into consideration in the above quoted price and further agree to pass on such additional duties as sets offs as may become available in future under GST etc.

6. This offer is valid for 90 days from the date of opening of tender.

Signature & seal Place & Date:		Name of Authorised Signatory:	
Address:		Tel. No/ Fax. No / Mobile No Email ID	



## ANNEXURE-A

### **Item No. 1. Power Line Filter(RC1204-015)**

Part name and number: -Power Line Filter(RC1204-015)

Specifications: -Input: 3x440/250V, 36A at 40°C

25/100/21 , Freq.: 50/60Hz

Recommended Torque: 3.5-4 Nm/P.E: 3.5-4 Nm

Make: -Schaffner

Model: -FN356-36-24

Qty: -1 EA

### **Item No. 2. Solid State Relay(RC1204-016)**

Part name and number: -Solid State Relay With screw mounting(RC1204-016)

Specifications: -Input: 3-32Vdc, Output: 240Vac, 10A

Make: -Crydom

Model: -D2410

Qty: -4 EA

### **Item No. 3. Current Transformer(RC1204-017)**

Part name and number: -Current Transformer(RC1204-017)

Specifications: -Ipri: 40A, Isec: 5A, Freq.: 47/50/63Hz

Um: 0.7/3kV, Temp.: 25-50°C

Make: -IME

Model: -TAIBB, TABB50B400

Qty: -3 EA

### **Item No. 4. Terminal Optocoupler(RC1204-004)**

Part name and number: -Terminal Optocoupler(RC1204-004)

Specifications: -24VDC/48VDC, 0.1A

8950720000

Input: 24Vdc, Output: 48Vdc, 100mA

Wire no.: 10-20AWG(Stranded or Solid copper wire)

Torque: 0.4Nm, Strip Length: 9mm

Make: -WEIDMULLER

Model: -TOS

Qty: -3 EA

### **Item No. 5. Safety Relay(RC1204-021)**

Part name and number: -Safety Relay(RC1204-021)

Specifications: -Pilz PNOZ MULTI MINI mm0.1p

Guided contacts: Pilz PNOZ s7

Qty: -1 EA

### **Item No. 6. Phase Monitoring Relay(RC1204-071)**

Part name and number: -Phase Monitoring Relay(RC1204-071)

Specifications: -ABB CM-MPS. 41S, 1SVR730884R3300

Qty: -1 EA

**Item No. 7. Current Control Relay(RC1204-074)**

Part name and number:-Current Control Relay(RC1204-074)

Specifications:-Coil Voltage: 230Vac,50/60Hz

I: E1-(0.1-1)A AC/DC,E2-(0.5-5)A AC/DC,

E3-(1-10)A AC/DC, Contact: 250Vac,8A

Make and Model:-CROUZET EIH

Qty:-2 EA

**Item No. 8. Current Transducer(RC1204-070)**

Part name and number:-Current Transducer(RC1204-070)

Specifications:-Hex Type LEM unit, Type: AP50 B10

Select Switch for Range:(0-10)A Output:(0-10)V

Qty:-4 EA

**Item No. 9. PLC Power Supply(RC1204-009)**

Part name and number:-PLC Power Supply(RC1204-009)

Specifications:-Panasonic PAS3

Input:(100-240)Vac,0.7A,50/60Hz

Qty:-1 EA

**Item No. 10. Card Module Input 16way24Vdc(RC1204-008)**

Part name and number:-Card Module Input 16way 24Vdc(RC1204-008)

Specifications:-Panasonic X16D2

Qty:-2 EA

**Item No. 11. Card Module AD8VI 8CH(RC1204-075)**

Part name and number:-Card Module AD8VI 8CH

Specifications:-Panasonic

FP2-AD8VI, Input:( $\pm 10V$ , $\pm 20mA$ )

Qty:-2 EA

**Item No. 12. Temperature Control unit(RC1201-008)**

Part name and number:-Temperature Control unit(RC1201-008)

Specifications:-Diamond H controls,41ER110B1-N1

Rating:- 240Vac,13.5A

Qty:-2 EA

**Item No. 13. HMI (RC1201-017)**

Part name and number:-HMI(RC1201-017)

Specifications:-Panasonic Programmable Display,GT05 AIG055Q02D

Rating: 24Vdc,0.15A Class 2

Qty:-1 EA

**Item No. 14. Magnetic Display(RC1201-001)**

Part name and number:-Magnetic Display(RC1201-001)

Specifications:-SIKO Global

MA502-0001 Version 2.0

Rating: 24Vdc  $\pm 20\%$

EG/SO-RM-XX/XX

Qty:-1 EA

**Item No. 15. Relay(RC1202-024)**

Part name and number:-Relay(RC1202-024)

Specifications:-IMO QY21XXF24DC

Qty:-3 EA

**Item No. 16. Potentiometer(RC1202-016)**

Part name and number:-Potentiometer(RC1202-016)

Specifications:-CITEC TW1W

10K±10%

Qty:-2 EA

**Item No. 17. Potentiometer(RC1202-025)**

Part name and number:-Potentiometer(RC1202-025)

Specifications:-CITEC TW1W

2.5K±10%

Qty:-3 EA

**Item No. 18. Gear Motor(Headstock)(RC1126-021)**

Part name and number:-Gear Motor(Headstock)(RC1126-021)

Specifications:-3phase HB 63B4 B5 R000145326

230/400V,50Hz,1.2/0.7A

0.18kW,1360rpm

cosØ-0.63, IP55,4.5kg

Make:-Rossi

Qty:-1 EA

**Item No. 19. Gear Motor (Roller)(RC1129-050)**

Part name and number:-Gear Motor (Roller)(RC1129-050)

Specifications:-3phase HE 71C4 B5 R000199288

230/400V,50Hz,2.8/1.6A

0.55kW,1330rpm

cosØ: 0.71,IP55,7.1kg

Make:-Rossi

Qty:-1 EA

**Item No. 20. IR sensor head & transmitter(RC1135-056)**

Part name and number:-IR sensor head with transmitter(RC1135-056)

Specifications:-RAYTEK MI3 RAYMI3COMM

Qty:-2 EA

**Item No. 21. Roller micro-sw. with lever(RC1114-012)**

Part name and number:-Roller microswitch with lever(RC1114-012)

Specifications:-Honeywell EN60947-5-1

CAT: 14CE2-1,AC14 D300

DC13 R300

IP66/67

Qty:-2 EA

**Item No. 22. Magnetic sensor with cable(RC1123-050)**

Part name and number:-Magnetic sensor with cable(RC1123-050)

Specifications:-SIKO MS-500/L/7.5

Qty:-1 EA

**Item No. 23. Pressure Switch(RC1161-027)**

Part name and number:-Pressure Switch(RC1161-027)

Specifications:-SMC AIRCHECKER PS1000-R60L-Q

Load Voltage: 12 to 24Vdc

Pressure: ( -0.1 to 0.45Mpa)

Qty:-3 EA

**Item No. 24. Solenoid Valve(RC1161-017)**

Part name and number:-Solenoid Valve (RC1161-017)

Specifications:-SMC Make 24Vdc,Class B

Qty:-2 EA

**Item No. 25. Solenoid Valve(RC1161-037)**

Part name and number:-Solenoid Valve (RC1161-037)

Specifications:-SMC make 24Vdc

Valve type: SY5140-5L0Z-Q

Qty:-2 EA

**Item No. 26. FAN(RC1158-020)**

Part name and number:-FAN(RC1158-020)

Specifications:-FAN EHAG 250

Qty:-1 EA

**Note:-**

1. All offered items should bear a guarantee of minimum ONE year.
2. HMI at Sl. No.130 above should be pre-loaded with software program suitable for Komori make Roller Coater machine nos. RC27 & RC28.
3. All the above spares are for direct replacement on our Komori make Roller Coater machine nos. RC27 & RC28. Hence deviations with respect to physical dimensions, pin configuration etc. are not acceptable.