

Event Details

Event No:SPMCIL/Currency Note Press Nashik/Purchase/10/23-24/ET/82[SITC UP-GRADATION]				Event Status
Trade:Services				Event Activated
Description of Event:SITC UP-GRADATION				Activities
Mode:E-Tender_HTML	Type Of Tender: Open	Bid Submission: Eventwise	Public Opening: YES	Published on: 02-09-2023 16:12:33.09
EMD:779000.00 Tender Fee:Not Applicable		Document Upload:YES Coverwise Document Upload:YES		Activated on:02-09-2023 16:13:46.72 Tender Extended on: - Tender Opened on: - Price Opened on: - Event Cancelled on: -

Online Pre Bid Meeting	Bidding Period	Tender Opening Period	Price Bid Opening Date
Not Applicable	02.09.2023-04:20 PMTto03.10.2023-03:00 PM	03.10.2023-03:01 PMTto03.10.2024-03:01 PM	-

List Of Tender Document

SL. No.	Document Details	Document Type
1	23-24-ET-82[SITC UP-GRADATION]-172463-NIT-1268351-6000018391.pdf	NIT

Vendor Document Upload Checklist For Technical COVER

SL. No.	Document Details
1	All the required documents as per Section IX Eligibility Criteria as per NIT document no 6000018391
2	Duly Sealed and Signed tender document as per NIT document.
3	Confirmation of technical Specification as per Section VII of the NIT Document.

4	Confirmation of Delivery Schedule as per Section VI Clause no.1 of the NIT document
5	Confirmation of Price validity for 120 days from opening of the Technical bid in the tender form as per Section VI of the NIT document.
6	The bidder has to submit the Bid Security Declaration as per Annexure I of the tender document if the firm is MSME.

Vendor Document Upload Checklist For Price COVER

SL. No.	Document Details
1	Bidder has to submit duly filled price schedule in the format as per Section XI of the tender document

Tender Committee Members

Name	Designation	Office	Department	Email	Mobile No.	Encryption public key expiry date
KIRAN KUMAR VUPPALA	Jt. General Manager	Currency Note Press Nashik	Purchase,HR,Technical,Finance,IT, Marketing,R and D,Others	V.Kirankumar@spmcil.com	9096000418	2024-03-03 00:00:00.0
TUSHARKUMAR PRAKASH MAHAJAN	DGM	Currency Note Press Nashik	IT	tushar.mahajan@spmcil.com	8275022966	2024-03-03 00:00:00.0

Common Terms

SECTION VI : LIST OF REQUIREMENTS

Sl.No	Terms	Component
1	AS PER SECTION VI LIST OF REQUIREMENTS UPLOADED TENDER DOCUMENT NO. 6000018391	Agree Only

SECTION VII : TECHNICAL SPECIFICATIONS

Sl.No	Terms	Component
1	AS PER SECTION VII TECHNICAL SPECIFICATION UPLOADED TENDER DOCUMENT NO. 6000018391	Agree Only
SECTION VIII : QUALITY CONTROL REQUIREMENTS		
Sl.No	Terms	Component
1	AS PER SECTION VIII QUALITY CONTROL REQUIREMENTS UPLOADED TENDER DOCUMENTS NO.6000018391	Agree Only
SECTION IX : QUALIFICATION OR ELIGIBILITY CRITERIA		
Sl.No	Terms	Component
1	Experience and past performance: The bidder should have experience of having successfully completed order for Supply Installation of Machine Control System with latest version PLC System and associated Electrical Electronic hardware of similar or higher specification of an order value of Rs.1,55,76,000- in any one year during last 5 years ending 31.03.2022.	Agree Only
2	Capacity and Capability: The bidder should having capacity of successfully completing order for Supply & Installation of Machine Control System with latest version PLC System and associated Electrical /Electronic hardware. Note: All experience, past performance and capacity/ capability related data should be certified by the authorized signatory of the bidder firm.	Agree Only

3	<p>Financial Standing:</p> <p>(a) Average Annual turnover of the bidder firm should be more than Rs. 1,55,76,000/- during last three years i.e. 2019-2020, 2020-2021 and 2021-2022.</p> <p>(b) Bidder firm should not have suffered any financial loss for more than one year during the last three financial years i.e. 2019-2020, 2020-2021 and 2021-2022.</p> <p>(c) The net worth of the firm should not be negative of FY 2021-2022 and should not have eroded by more than 30% in the last three financial years i.e. 2019-2020, 2020-2021 and 2021-2022.</p>	Agree Only
4	The bidder should submit Power of Attorney of the Authorized Signatory for signing the bid, entering in to contract, if awarded and for any other correspondences.	Agree Only
5	The bidders shall enclose attested copy of GST Registration (in REG 06) & attested copy of PAN.	Agree Only
6	The bidder should give a declaration that they have not been black-listed/ debarred for dealing by Government of India in the past.	Agree Only
7	The firm should attach valid authorization certificate obtained from manufacturer for offered product.	Agree Only

8	The bidder should give undertaking/declaration that they have read and understood all the terms & conditions of tender documents and submitting unconditional acceptance to all terms & conditions.	Agree Only
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9	<p>A) Applicability in Special Cases</p> <p>1.Applicability to Make in India :Bidders (manufacturer or principal of authorized representative) If the product is being manufactured in India under a license from a foreign manufacturer who holds intellectual property rights and where there is a technology collaboration agreement/ transfer of technology agreement for indigenous manufacture of a product developed abroad with clear phased increase in local content, and who while meeting all other criteria above, except for any or more of sub-criteria in Experience and Past Performance above, would also be considered to be qualified provided:</p> <p>i.)Their foreign manufacturer who holds intellectual property rights, meets all the criteria above without exemption, and</p> <p>ii.)The Bidder submits appropriate documentary proof for technology collaboration agreement/ transfer of technology agreement for indigenous manufacture of a product developed abroad with clear phased increase in local content.</p> <p>iii.)The bidder (manufacturer or principal of authorized representative) furnishes along with the bid a legally enforceable undertaking jointly executed by himself and such foreign Manufacturer for satisfactory manufacture, Supply (and erection, commissioning if applicable) and performance of The Product offered including all warranty obligations as per the general and special conditions of contract</p>	Agree Only
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10	<p>Authorized Representatives: Bids of bidders quoting as authorized representative of a principal manufacturer would also be considered to be qualified, provided:</p> <p>i.) Their principal manufacturer meets all the criteria above without exemption, and</p> <p>ii.) The principal manufacturer furnishes a legally enforceable tender-specific authorization in the prescribed form assuring full guarantee and warranty obligations as per the general and special conditions of contract; and</p> <p>iii.) The bidder himself should have been associated, as authorized representative of the same or other Principal Manufacturer for same set of services as in present bid (supply, installation, satisfactorily commissioning, after sales service as the case may be) for same or similar Product for past three years ending on The Relevant Date .</p>	Agree Only
11	<p>Start-up/MSEs Enterprises: Requirements of prior experience and turnover would be relaxed for Start-up/MSEs enterprises as per relevant circular and guidelines of Department for Promotion of Industry and Internal Trade (DPIIT) & Ministry of Finance, Department of Expenditure, Public Procurement Division, subject to their meeting the quality and technical specifications.</p>	Agree Only

12	<p>4. Notes for Bidders:-</p> <p>i. Along with all the necessary documents/certificates required as per the tender conditions, the bidder should furnish a brief write-up, backed with adequate data, explaining his available capacity (both technical and financial), for manufacture and supply of the required goods/ equipment, within the specified time of completion, after meeting all their current commitments.</p> <p>ii. Supporting documents submitted by the bidder must be certified as follows:</p> <p>iii. All copy of supply/ work order; respective completion certificate and contact details of clients; documents issued by the relevant Industries Department; National Small Industries Corporation (NSIC); manufacturing licence, annual report, etc., in support of experience, past performance and capacity/ capability should be authenticated by the person authorised to sign the tender on behalf of the bidder.</p> <p>iv. All financial standing data should be certified by certified accountants, for example, Chartered Accountants/ Cost Accountants in India and equivalent in relevant countries; and</p>	Agree Only
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Lot Details

Lot Name 1	Category	Lot Description	Quantity/UOM	Currency	Ceiling Price	Estimated Price
1	Computer software	SITC FOR UP-GRADATION OF EXISTING MACHINE CONTROL SYSTEM WITH LATEST VERSION PLC SYSTEM MACHINE PROGRAMSOFTWARE ALONG WITH ELECTRICAL OR ELECTRONICS HARDWARE OF MACHINE	1.0Each	INR	-	-

Lot No: 1 Specific Terms

Lot No: 1 Price Parameters/ Formula

Variable Name	Name of Parameters	Sub Total (Example: a+b)	Type of Component	Places of decimal	Lumpsum
a	BASIC PRICE	-	Numeric Text Only	2	No
b	GST AND OTHAR CHARGES	-	Numeric Text Only	2	No

Price formula: a+b (Up to 2 Decimal Place)



CURRENCY NOTE PRESS

(A UNIT OF Security Printing and Minting Corporation of India Limited) Wholly owned by Government of India

Nashik Road # 422101 (Maharashtra)

(ISO : 9001 & ISO 14001 Certified Unit)

Tel. No 00- 91-253-2463730-39, 2461471 Fax No:00-91-2532464100 CIN:

U22213DL2006GOI144763 GSTIN : 27AAJCS6111J3Z6

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

PR Number	PR Date	Indenter	Department
12004929	08.06.2023	D V Khatale	EL

Not Transferable

Security Classification:

TENDER DOCUMENT FOR PURCHASE OF: S.I.T.C FOR UP-GRADATION OF EXISTING MACHINE CONTROL SYSTEM WITH LATEST VERSION PLC SYSTEM MACHINE PROGRAM SOFTWARE ALONG WITH ELECTRICAL/ ELECTRONICS HARDWARE OF MACHINE.

Tender Number: 6000018391 Dated: XX.XX.2023

This Tender Document Contains _____ Pages.

Details of Contact person in SPMCIL regarding this tender:

Name: V KIRAN KUMAR
Designation: Jt. General Manager (M)
Address: CNPN (Currency Note Press, Nashik)
India

Section1: Notice Inviting Tender (NIT)

6000018391 /

(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	Upgradation of cutpak machine no.3	1.000 EA	779000.00INRRUPPES SEVEN LAKHAS SEVENTY NINE THOUSAND ONLY	AS PER E-PROCUREMENT PORTAL
Type of Tender (Two Bid/ PQB/ EOI/ RC/ Development/ Indigenization/ Disposal of Scrap/ Security Item etc.)			TWO-BID (E-PROCUREMENT PORTAL) National Competitive Bid	
Dates of sale of tender documents:			AS PER E-PROCUREMENT PORTAL	
Place of sale of tender documents			AS PER E-PROCUREMENT PORTAL	
Closing date and time for receipt of tenders			AS PER E-PROCUREMENT PORTAL	
Place of receipt of tenders			AS PER E-PROCUREMENT PORTAL	
Time and date of opening of tenders			AS PER E-PROCUREMENT PORTAL	
Place of opening of tenders			AS PER MSTC E-PROCUREMENT PORTAL	
Nominated Person/ Designation to Receive Bulky Tenders (Clause 21.21.1 of GIT)			V KIRAN KUMAR Jt. General Manager (M)	

2. Eligibility to participate as per Government of India's Public Procurement (Preference to Make in India) Order 2017 (as amended/ revised) and Ministry of Finance, Department of Expenditure, Public Procurement Division's Orders (Public Procurement 1, 2 and 3) F.No.6/18/2019-PPD dated 23rd/ 24th July 2020 (or any further amendments thereof) regarding eligibility of bidders from neighboring countries shall apply to this tender.

3. Please note that SPMCIL reserves its right to grant Purchase preferences in accordance with Government of India's Public Procurement (Preference to Make in India) Order 2017 (as amended/ revised) and Public Procurement Policy for Micro and Small Enterprises (MSEs) Amendment Order, 2018 (as amended/ revised).

4. In case NIT/ SIT provide for uploading of bids to nominated E-Procurement portal, bidders must upload their bids along with scanned copies as required enclosures (including proofs of cost of Tender Documents and EMD as applicable - unless an online payment gateway is provided in the instruction) as per instructions given in this regard. Original copies of such scanned uploaded required enclosures must reach in physical form within the date and place as provided in such instructions, otherwise their uploaded bid, would be declared as unresponsive.

5. The tender documents are not transferable.

6. The bidder, their affiliates, or subsidiaries # including subcontractors or suppliers for any part of the contract # should not stand declared ineligible/ blacklisted/banned/ debarred by any Government Agency anywhere in the world, for participating in its tenders, under that country's laws or official regulations. A declaration to this effect shall be submitted by the bidder in the Tender Form (Section X).

7. SUBMISSION OF TENDER: As per E-Procurement Portal. Bidders must upload their bids along with scanned copies as required enclosures (including proofs of cost of Tender Documents and EMD as applicable - unless an online payment gateway is provided in the instruction) as per instructions given in this regard. Original copies of such scanned uploaded required enclosures must reach in physical form within the date and place as provided in such instructions, otherwise their uploaded bid, would be declared as unresponsive.

8. 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) (10% 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.

9. The bidders participating with MSME registration certificate has to submit Bid Security Declaration as per Annexure-1. Non submission of same will be treated as non responsive.

10. No exemption will be given for deposition of performance guarantee to any DIC/SSI/MSE/NSIC registered firm.



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11. Any dispute in the matter will be under Nashik (Maharashtra) Jurisdiction only.
12. Right of acceptance: - The Chief General Manager, Currency Note Press reserves the right to reject any or all tenders without assigning any reason thereof.
13. Clarification of Tender Documents: A Bidder requiring any clarification or elucidation on any issue of the tender documents may take up the same with SPMCIL in writing or by fax / e-mail/ telex not later than twenty one days (unless otherwise specified in the SIT) prior to the prescribed date of submission of tender.
14. Any queries regarding the tender you may please contact at 0253-2454493 or 2461318. E-mail-purchase.cnpnashik@spmcil.com.

.....

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

For and on behalf of

.....



Tender Number:6000018391

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://spmCIL.com/uploaddocument/GIT/new.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	Applicable
02	3.4	ELIGIBLE GOODS AND SERVICES (ORIGIN OF GOODS)	Not Applicable
03	6.1	THE TENDER DOCUMENTS INCLUDES:	Applicable
04	8	PREBID CONFERENCE	Applicable. The date & time of pre-bid conference is 10:30 am on 16.09.2023. The queries of the bidders should be reach at least two days in advance. Site visit can be done prior to pre-bid conference only.
05	9	TIME LIMIT FOR RECEIVING REQUEST FOR CLARIFICATION OF TENDER DOCUMENTS	No further queries are entertained and site visit after pre-bid conferecne.
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)	Not Applicable
13	16.2 A) TO C)	DOCUMENTS ESTABLISHING TENDERER#S ELIGIBILITY AND QUALIFICATIONS	Applicable
14	18.4, 18.5	EARNEST MONEY DEPOSIT (EMD)	Applicable
15	19	TENDER VALIDITY	120 Days from the date of opening of tender
16	20.4	NUMBER OF COPIES OF TENDERS TO BE SUBMITTED	Single Copy
17	20.8	TWO BID SYSTEM	Applicable
18	20.9	E-PROCUREMENT	Applicable. Submission of Documents as per NIT Clause No. 07
19	34. AND 35.1	COMPARISON ON CIF DESTINATION BASIS	FOR CNP Nashik Road Basis

Sr No	GIT Clause No.	Topic	SIT Provision
20	35.2 TO 35.6	ADDITIONAL FACTORS FOR EVALUATION OF OFFERS AND PREFERENTIAL SCHEMES	APPLICABLE
21	43	PARALLEL CONTRACTS	NOT APPLICABLE
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:6000018391

Section IV: General Conditions of Contract (GCC)

Please CLICK the link for further details
<https://spmCIL.com/uploaddocument/GCC/new.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)

Sl.No	GCC Clause No.	Topic	SCC Provision
01	1.2	ABBREVIATIONS:	No Change
02	6.1, 6.3 & 6.5	PERFORMANCE BOND/ SECURITY	10 % of the total contract price valid for 60 days beyond completion of contractual obligations including warranty period: if any.
03	8.2	PACKING AND MARKING	Not Applicable
04	9	INSPECTION AND QUALITY CONTROL	Not 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	Not Applicable
09	16.2, 16.4	WARRANTEE CLAUSE	Applicable: 12 months from the date of acceptance and completion of work.
10	19.3	OPTION CLAUSE	Not Applicable
11	20.1	PRICE ADJUSTMENT CLAUSE	Not Applicable
12	21.	TAXES AND DUTIES	1) If the tenderer fails to include taxes and duties in the tender, no claim thereof will be considered by purchaser afterwards. 2) TDS will be deducted as per prevailing rates.
13	22.	TERMS AND MODE OF PAYMENTS	As per given in section VI : List of Requirement
14	24.1	QUANTUM OF LD	Applicable (The Applicable GST if LD is levied will be collected from the firm's invoice).
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	Upgradation of cutpak machine no.3	EA	1.000	779000.00IN RRUPPES SEVEN LAKHAS SEVENTY NINE THOUSAND ONLY	AS PER E- PROCUREMENT PORTAL

1. Required Delivery Schedule: The successful bidder has to work to be completed within 10 Months from the date of issue of Purchase Order.
2. Required Terms of Delivery: - FOR Currency Note Press, Nashik Road.
3. Destination: - CURRENCY NOTE PRESS, JAIL ROAD, NASHIK ROAD 422 101
4. Preferred Mode of Transportation: - BY ROAD.
5. Bid Validity: 120 days from due date of tender.
6. 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.
7. All the copies of tenders shall be complete in all respects with all their attachments/enclosures duly numbered.
8. RISK PURCHASE:
 - (a) If the supplier after submission of tender and due acceptance of the same, i.e. after placement of contract fails to abide by the terms & conditions of these tender documents, or fails to supply the deliverables as per delivery schedule given or at any time repudiates the contract, the purchaser shall have the right to Invoke the Security-cum-Performance Guarantee if deposited by the supplier and procure stores/take services from other agencies at the risk & consequence of the supplier. The cost difference between the alternative arrangement and supplier tendered value will be recovered from the supplier along with other incidental charges.
 - (b) In case of supply/job work through alternative sources at lower price, if any, then no benefit on this account will be passed on to the supplier.
 - (c) For all the purpose the award of contract will be considered acceptance of tender and formal contract pending signing of agreement. Supplier has to abide by all the terms and conditions of tender.
9. Warranty: The successful bidder has to provide warranty, to the entire job work inclusive of material supplied and service ,workman ship delivered for a period of 1 year from the date of acceptance by CNP. If any component of the supplied item is failed due to defect or malfunctioning, during the warranty period the firm should replace the material at their own cost and risk and depute their representative for replacement / to carryout rectification of malfunction if any within reasonable time.
10. Payment Terms :
 - i. On supply of material 80% of cost of material with proof of bill of material will be given against submission of security deposit of amount and suitability & acceptance of material.
 - ii. On completion of FAT(Final Acceptance Test) and issuing of FAC(Final Acceptance Certificate)
 - a. Balance 20% payment of cost of material supply.
 - b. 100% cost of installation and commissioning.
10. Bank Details: Copy of Cancelled Cheque or the Bank details on the letter head signed by Authorized signatory to be submitted.



SECURITY PRINTING AND MINTING
CORPORATION OF INDIA LIMITED

TENDER NO: 6000018391

SECTION VII: TECHNICAL SPECIFICATIONS

1.0 INTRODUCTION :

The Cutpak machine consists of several stations controlled by a master PLC and several slave. The brief process of the equipment is as follows.

The printed currency sheets lot are fed to the machine feeding unit ,these sheets are counted and sent to AB knife for side trimming and it is cut in to along the length of the sheet in strip form at X axis. The next operation bands these strips and send to Y axis which collects all these banded strips .Then these strips are cuts along the width at W axis in packets . These packets are passed through packet turning station . Next, individual packets are collected in collecting Drum magazines and 10 packets are transferred to Band all station i. e 1000banding by U axis ,then bundle of (10packet) is banded. Further these 1000notes bundle are counted and packed in plastic cover, sealed and shrink wrapped and sent to automatic label applicator .

The above process is achieved using Motorised control and hydraulically operated linear booster where accuracy is required and in several places, 5 encoders are used to monitor the position. Sensors are provided to ensure safe operation of the machine. In case of errors, the immediate affected station stops and alarm is displayed. Upon clearing the error, the equipment continues to run. An HMI (control console) is provided to control various parameters such as length and width of the currency. The above process is completed in various stations. i. e 1. feeding 2. Side trimming AB knife 3. Strip Axis Cutting at X axis 4. 100 packet Binding 5. Strip collecting at Y axis 6. Packet cutting at W axis 7. Packet turning station 8. Packet collection in Drum 9. Bundle discharge to U (inclined pusher) axis 10. 1000 banding station 11.Bundle counting station 12. Camera reading the bundle number for label applicator 13. Bundle packing in polythene 14.Shrink wrapping of bundle 15.label application on bundle .

This machine is compatible for processing of different denomination of currency sheets and note size. Whenever the changeover of the denomination required the machine changeover process is adopted as per the OEM manual.



TENDER NO: 6000018391

2.0 SCOPE OF THE WORK :

Scope covers the supply of PLC system, software , I/O's Field wiring and electrical hardware complete and its installation ,testing , commissioning for up gradation of existing machine control system with latest version PLC system and machine program ,software development along with Electrical / Electronic hardware of Cutpak machine on turnkey basis includes :-

1. Up gradation of existing axis control linear booster system with latest version system at all 3 axis, i. e X, Y and W without hampering the functionality and accuracy of the axis positioning . The firm shall en-corporate the wrong cutting prevention interlock system in the upgraded axis control system .

The firm shall upgrade the U axis (inclined pusher) drive with latest version .

2. Up gradation of the existing entire ABB make PLC control system with advanced latest version PLC system with all necessary hardware and software program along with all allied digital, analog, input and output modules and BDT modules ,DC power supply units, network component , control console computer. With provision of necessary PLC loading LAPTOP with software and program.

The firm shall develop the required machine software and program in line with the existing system and should be flexible enough to perform modifications to enhance the system as and when required. The firm shall provide the HMI wherever required .

Up gradation should not hamper the functionality and machine existing production speed for all denominations. i. e 68-70 Bundle/minute for 50up denomination of the machine .

3. Up gradation of Main drive DC motor and its controlling drive with switch gear.

4. Complete replacement of entire electrical switch gear of control panels of all work stations of the Cutpak machine including power supply units, transformers, power trab, push buttons , panel meters , various drives, solid state modules ,main drive controller, wires, cables, sensors

5. Complete replacement of proximity sensors , photo sensors ,magnetic reed switches, pressure sensor, limit switches, safety switches, pressure switches, flow switches, micro switches, fans,



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push buttons panel meters , various drives, solid state modules , machine encoder, and incremental sensors, signal converters, voltage monitoring device, digital displays, amplifiers , blowers, cooling fans, contactors, relays, solenoid valve and coils , horn, Motor protection switches, main switch of the cabinet, timers including all electrical and electronics items.

The firm shall ensure that the above switchgear, sensors etc. shall be branded and compatible to existing brand /make and shall not affect the performance of the machine .Firm shall also certify and confirm all the hardware replaced in system are New and reputed brand and readily available in the market .Use of inferior quality of these items will not be accepted .

6. Replacement of entire Pneumatic system solenoids with coil with latest one.

7. Up-gradation of existing Automatic Label applicator system of the cut pak machine.

8. Replacement of the all ACand DC motors of all units including Hydraulic unit.

3.0 TERMS AND CONDITIONS :

I. The scope of the work is generalized keeping in view that the machine shall get upgraded to work smoothly for next 10 years and the upgraded system hardware shall be easily available in the Indian market for 10 years. All the obsolete electrical/ electronic items shall cover up in the up-gradation. The firm shall put the efforts to eliminate permanently the recurring problems being faced at different processing locations of the machine reported by the user section. The firm shall ensure that the entire functioning of the each unit/section of the machine shall be in line with or better than the existing performance and facilitate all denomination changeover process as already exist in the system .

The firm shall carry out the entire job work at CNP premises. As the above job work is on turnkey basis any electrical, minor mechanical , electronic hardware required which is not specified in the scope and as need for the entire functioning of machine shall be supplied by the firm without any extra cost.

II. The firm shall have to restore the old system in case of failure of the upgraded system ensuring all the function and production capacity bundle /minute of the Cutpak machine as it is.



TENDER NO: 6000018391

III. The firm shall provide support for spares and services for minimum period of ten years unconditionally by OEM of PLC system and for the any electronics hardware with customized or proprietary nature .

IV. The firm shall develop the machine control system PLC software exclusively for CNP use the firm shall have to go for non - disclosure agreement with CNP.

V. The firm shall supply the suitable Lap Top for loading ,down loading of the PLC programme , loaded with necessary software.

VI. The bidder has to submit all technical details of the hardware proposed to be supplied.

The firm shall carry out the up-gradation with minimum changes in the machine mechanism . Any such change in the machine mechanical parts shall be after prior approval of the CNP authority.

VII. The Bidder firm shall visit CNP prior to Bid to understand the work and ascertain the scope of the work with prior permission on any working day .

VIII. The bidder firm shall have to attend the pre BID conference at CNP .

IX. The firm will have to take all the safety precautions while carrying out the works regarding the safety and security of CNP's personal and property. The firm will ensure all the necessary tools and tackles required for the above work eg. Drill m/c, ladders, drill bits etc. Also the firm will be responsible for any other material required to complete the above job.

X. Electrical drawing , machine PLC program in soft/hard copy as available with the CNP of the existing system will be provided to the successful bidder for learning /programming purpose with non-disclosure agreement. CNP does not guarantee that the Electrical ckt. drawing , machine PLC program given to the firm for reference in soft/hard copy will be exactly as per the wiring ,program of the running machine.

XI. The firm will have to carry out the work, from 8.00 am to 5.00 pm including/excluding lunch hours, as the case may be on all working days except Sundays and holidays without hampering the sectional routine works. However, CNP authority will have the discretion to permit work during lunch hour or holidays.



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4.0 Training:

1. The successful bidder should be provided 15 days training to CNP engineers /staff/workmen/operator for operation and maintenance of the machine at CNP without any financial obligations.

5.0 Electrical documentation required:

The successful firm should submit the following electrical documentation for the machine in 03 set hard copies and 01 set of soft copy of each.

1. Upgraded electrical circuit diagram of the machine.
2. Machine Electrical function description manual.
3. Operating instruction for the control console computer/HMI and its software
4. Functional description for the PLC control system and its all I/O modules.
5. PLC program uploading procedure for each PLC.
6. Technical catalogue and user manual along with set parameters data for all drives and electrical/electronic hardware.
7. Complete PLC program details along with functional diagram and cross reference list.
8. Fault list along with remedial measures description.
9. List of all electrical parts used on machine with part Number, make, technical specifications.
10. Separate List of parts of proprietary nature used on machine.
11. The firm shall be liable for providing licensed software copy with life time validity for all the software provided with machine.



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SECTION VIII : QUALITY CONTROL REQUIREMENTS

A) SAFETY CODES TO BE FOLLOWED BY THE CONTACTORS/THEIR EMPLOYEES.

1. The principle firm to whom the job work has been assigned will be primarily responsible to ensure the safety of all their employees working under them while they work inside factory premises.

2. The principle firm to whom the job work has been assigned will be responsible for any act of the contractors, which amounts to contravention of any provision of the Factory Act 1948 and the Maharashtra factory rules 1963.

3. The principle firm to whom the job work has been assigned will ensure and monitor the following:-

3.1 The firm has to nominate one of the competent supervisors, who in addition to his duty will also be responsible to look after the safety of employees working under them and safety of nearby other plant equipment.

3.2 The firm will provide personal protective equipment to his employees to ensure their safety.

3.3 Electrical connection will be taken only with the written permission from the electrical department CNP.

3.4 The firm will ensure that the hand tools, power tools, forklifts, Hydra, ladders, slings and equipment etc. are maintained in good working condition and will also ensure that they are safe and free from risk to employees.

3.5 All the machines brought by contractor for their job work should be properly guarded/ maintained in proper condition for their safe working.



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3.6 All the lifting machines, lifting tackles, chain ropes, pulleys etc. will not be allowed in factory premises unless they are thoroughly and certified by the competent person(as per Factory act 1948) once in every Six month.

3.7 In Case of any accident, the firm representative will arrange to inform it to the safety dept. CNP immediately. The agency will also arrange to inform the inspector of Factories Nashik. The agency will provide proper information to the inspector of factories and safety officer during their inspection.

3.8 Selected contractor needs to provide PVR of Supervisor/ labour's/person's entering in press premises.

B) Final Acceptance Test (FAT):

1. After completion of Installation & Commissioning work firm shall inform the CNP for start of FAT. The FAT shall be carried out in the presence of firms representative on 60 UP Bank Note Paper for 5 days and 50 UP Bank Note Paper for 15 days. During 8 hrs the machine shall cut min. 45 parcels.

If any short fall or bugs in software, not match the required output in any single day during the FAT, the firm should carry out all the corrective work like modification/alteration on immediate basis and FAT will be start again.

After completion of FAT firm shall demonstrate the running of the machine after changeover of the machine for other than FAT used denomination with buff or water mark parcels for 1 shift (8hrs.)



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Section IX: Qualification / Eligibility Criteria

MINIMUM ELIGIBILITY CRITERIA

The following shall be the minimum eligibility criteria for selection of bidders:

1. Experience and past performance:

The bidder should have experience of having successfully completed order for Supply & Installation of Machine Control System with latest version PLC System and associated Electrical /Electronic hardware of similar or higher specification of an order value of Rs.1,55,76,000/- in any one year during last 5 years ending 31.03.2022.

2. Capacity and Capability:

The bidder should having capacity of successfully completing order for Supply & Installation of Machine Control System with latest version PLC System and associated Electrical /Electronic hardware.

Note: All experience, past performance and capacity/ capability related data should be certified by the authorized signatory of the bidder firm.

3. Financial Standing:

(a) Average Annual turnover of the bidder firm should be more than Rs. 1,55,76,000/- during last three years i.e. 2019-2020, 2020-2021 and 2021-2022.

(b) Bidder firm should not have suffered any financial loss for more than one year during the last three financial years i.e. 2019-2020, 2020-2021 and 2021-2022.

(c) The net worth of the firm should not be negative of FY 2021-2022 and should not have eroded by more than 30% in the last three financial years i.e. 2019-2020, 2020-2021 and 2021-2022.

3. The bidder should submit Power of Attorney of the Authorized Signatory for signing the bid, entering in to contract, if awarded and for any other correspondences.

4. The bidders shall enclose attested copy of GST Registration (in REG 06) & attested copy of PAN.

5. The bidder should give undertaking/declaration that they have read and understood all the terms & conditions of tender documents and submitting unconditional acceptance to all terms & conditions.



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6. The bidder should give a declaration that they have not been black-listed/ debarred for dealing by Government of India in the past.
7. The firm should attach valid authorization certificate obtained from manufacturer for offered product.

A) Applicability in Special Cases

1. Applicability to 'Make in India' :Bidders (manufacturer or principal of authorized representative) If the product is being manufactured in India under a license from a foreign manufacturer who holds intellectual property rights and where there is a technology collaboration agreement/ transfer of technology agreement for indigenous manufacture of a product developed abroad with clear phased increase in local content, and who while meeting all other criteria above, except for any or more of sub-criteria in Experience and Past Performance above, would also be considered to be qualified provided:
 - i.) Their foreign manufacturer who holds intellectual property rights, meets all the criteria above without exemption, and
 - ii.) The Bidder submits appropriate documentary proof for technology collaboration agreement/ transfer of technology agreement for indigenous manufacture of a product developed abroad with clear phased increase in local content.
 - iii.) The bidder (manufacturer or principal of authorized representative) furnishes along with the bid a legally enforceable undertaking jointly executed by himself and such foreign Manufacturer for satisfactory manufacture, Supply (and erection, commissioning if applicable) and performance of 'The Product' offered including all warranty obligations as per the general and special conditions of contract.
2. Authorized Representatives: Bids of bidders quoting as authorized representative of a principal manufacturer would also be considered to be qualified, provided:
 - i.) Their principal manufacturer meets all the criteria above without exemption, and
 - ii.) The principal manufacturer furnishes a legally enforceable tender-specific authorization in the prescribed form assuring full guarantee and warranty obligations as per the general and special conditions of contract; and
 - iii.) The bidder himself should have been associated, as authorized representative of the same or other Principal Manufacturer for same set of services as in present bid (supply, installation, satisfactorily commissioning, after sales service as the case may be) for same or similar 'Product' for past three years ending on 'The Relevant Date'.



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3. Start-up/MSEs Enterprises: Requirements of prior experience and turnover would be relaxed for Start-up/MSEs enterprises as per relevant circular and guidelines of Department for Promotion of Industry and Internal Trade (DPIIT) & Ministry of Finance, Department of Expenditure, Public Procurement Division, subject to their meeting the quality and technical specifications.
4. Notes for Bidders:-
 - i. Along with all the necessary documents/certificates required as per the tender conditions, the bidder should furnish a brief write-up, backed with adequate data, explaining his available capacity (both technical and financial), for manufacture and supply of the required goods/ equipment, within the specified time of completion, after meeting all their current commitments.
 - ii. Supporting documents submitted by the bidder must be certified as follows:
 - iii. All copy of supply/ work order; respective completion certificate and contact details of clients; documents issued by the relevant Industries Department; National Small Industries Corporation (NSIC); manufacturing licence, annual report, etc., in support of experience, past performance and capacity/ capability should be authenticated by the by the person authorised to sign the tender on behalf of the bidder.
 - iv. All financial standing data should be certified by certified accountants, for example, Chartered Accountants/ Cost Accountants in India and equivalent in relevant countries; and



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Section X: Tender Form

To,
Currency Note Press, Nashik
A Unit of Security Printing & Minting
Corporation of India Limited
Wholly Owned by Govt. of India
Nashik

Ref: Your Tender document No. 6000018391 dated:

We, the undersigned have examined the above-mentioned tender enquiry document, including amendment No. -----, dated ----- (if any), the receipt of which is hereby confirmed. We now offer to supply and deliver..... (description of goods and services) in conformity with your above referred document for the sum shown in the price schedule(s), attached herewith and made part of this tender.

If our tender is accepted, we undertake to supply the goods and perform the services as mentioned above, in accordance with the delivery schedule specified in the List of Requirements.

We further confirm that, if our tender is accepted, we shall provide you with a performance security of required amount in an acceptable form in terms of GCC clause 6, read with modification, if any, in Section V –“Special Conditions of Contract”, for due performance of the contract.

We agree to keep our tender valid for acceptance for a period upto -----, as required in the GIT clause 19, read with modification, if any in Section-III –“Special Instructions to Tenderers” or for subsequently extended period, if any, agreed to by us. We also accordingly confirm to abide by this tender upto the aforesaid period and this tender may be accepted any time before the expiry of the aforesaid period. We further confirm that, until a formal contract is executed, this tender read with your written acceptance thereof within the aforesaid period shall constitute a binding contract between us.

We confirm that in case of downloaded Tender Document, we have not changed/edited its contents. We realise that in case any such change is noticed at any stage including after the award of contract, we would be liable to action under clause 44 of the GIT.

We further understand that you are not bound to accept the lowest or any tender you may receive against your above-referred tender enquiry.
We also solemnly declare as under:



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1. MSMEs Status:

Having read and understood the Public Procurement Policy for Micro and Small Enterprises (MSEs) Order, 2012 (as amended and revised till date), and solemnly declare the following:

- (a) Company /Partnership Firm /Proprietary Concern / Society/Trust / NGO/Others (Please Specify):
- (b) Micro/ Small / Medium Enterprise/ SSI/ Govt. Deptt. / PSU/ Others:
- (c) Name of MSME Registering Body (NSIC/ DIC/ KVIC/KVIB etc.):
- (d) MSME Registration no. (with copy of registration):.....
- (e) Udyog Aadhaar Memorandum no.....
- (f) Whether Proprietor/ Partner belongs to SC/ ST or Women category. (Please specify names and percentage of shares held by SC/ST Partners) :

2. Make in India Status:

Having read and understood the Public Procurement (Preference to Make in India PPP_MII) Order, 2017 (as amended and revised till date) and related notifications from the relevant Nodal Ministry/ Department, and solemnly declare the following:

- (a) Self-Certification for category of supplier:
 - Class-I Local Supplier/
 - Class-II Local Supplier/
 - Non-Local Supplier.
- (b) We also declare that
 - There is no country whose bidders have been notified as ineligible on reciprocal basis under this order for offered product, or Tender Form

SPMCIL

- We do not belong to any Country whose bidders are notified as ineligible on reciprocal basis under this order.

3. Restrictions on procurement from bidders from a country or countries, or a class of countries under Rule 144 (xi) of the General Financial Rules 2017 having read and understood the Order (Public Procurement No. 1) issued vide F.No.6/18/2019-PPD dated 23rd July 2020 (and its amendments if any) by Department of Expenditure, Ministry of Finance under the above provision and solemnly declare the following:

- We do not belong to any Country whose bidders are notified as ineligible under this order

4. Debarment Status: Please state whether business dealings with you currently stand suspended/ banned by any Ministry/ Deptts. of Government of India or by any State Govt:



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- Yes (with period of Ban)
- No, We, solemnly declare that neither we nor any of our affiliates or subsidiaries– including subcontractors or suppliers for any part of the contract– do not stand declared ineligible/ blacklisted/ banned/ debarred by any Government Agency anywhere in the world, for participating in its tenders, under that country’s laws or official regulations.

5. Penalties for false or misleading declarations: I/we hereby confirm that the particulars given above are correct and complete and also undertake to advise any future changes to the above details. We understood that any wrong or misleading self-declaration by us would be violation of code of Ethics and would attract penalties as mentioned in this tender document, including debarment.

.....
(Signature with date)

.....
(Name and designation)

Duly authorized to sign tender for and on behalf of

.....
.....



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1. Scope of Supply: (Cost break-up of the quoted cost, showing inter-alia costs of all the concomitant Installation/ Commissioning/ Training/ Technical Support/ incidental services/ software/ accessories, considered necessary to make the proposal self-contained and complete must be indicated here.)

2. Taxation Details:

- a) PAN number
- b) Type of GST Registration (Registered, Unregistered, Composition, SEZ, RCM etc.)
- c) GSTIN number
- d) Registered Address as per GST registration and Place of Delivery for GST Purpose
- e) Contact Names, Nos. & email IDs for GST matters (Please mention primary and secondary contacts)

.....
3. It is hereby certified that we have understood the General and Special Instructions to Tenderer's (GIT and SIT), and also the General and Special Conditions of Contract (GCC and SCC) attached to the tender and have thoroughly examined specifications/ Quality Control Requirements and other stipulations in Section VII & VIII – Technical Specifications and Quality Control Requirements; and are thoroughly aware of the nature of stores required and our offer is to supply stores strictly in accordance with the requirements and according to the terms of the tender. We agree to abide solely by the General and Special Conditions of Contract and other conditions of the tender in accordance with the tender documents if the contract is awarded to us.

4. We hereby offer to supply the stores detailed above or such portion thereof, as you may specify in the acceptance of tender at the price quoted and agree to hold this offer open for acceptance for a period of ---- days from the date of opening of tender (i.e., up to ----), We shall be bound by the communication of acceptance dispatched within the prescribe time.

Dated.....

Signature and seal of Manufacturer/Bidder

Note:

- (i) The Bidder may prepare their own offer forms as per this proforma.
- (ii) No change in the proforma is permissible.
- (iii) No erasures or alternations in the text of the offer are permitted. Any correction made in the offer shall be initialed by the bidder.
- (iv) This Section should not bring in any new Technical Parameter that has not been mentioned in the Technical Bid.

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- SECTION XII: QUESTIONNAIRE
 SECTION XIII: BANK GUARANTEE FORM OF EMD
 SECTION XIV: MANUFACTURER'S AUTHORIZATION FORM
 SECTION XV: BANK GUARANTEE FORM FOR PERFORMANCE SECURITY
 SECTION XVI: CONTRACT FORM
 SECTION XVII: LETTER OF AUTHORITY FOR ATTENDING A BID OPENING
 SECTION XVIII: SHIPPING ARRANGEMENT FOR LINER CARGOES
 SECTION XIX: PROFORMA OF BILLS FOR PAYMENTS

Please [CLICK](#) the link for further details

<http://cnpnashik.spmcil.com/SPMCIL/UploadDocument/SBDTEMP LATE1.pdf>

TWO BID, SINGLE STAGE (TWO PACKETS) TENDER BIDDER'S CHECK LIST
 BEFORE TENDER SUBMISSION

Part I: - TECHNO-COMMERCIAL BID

Sr. No.	Tender Submission Check Points	Check before submission Tick (✓)
1	EMD FEE /Bid Security Declaration	
2	Tender Document duly Seal & Signed	
3	Term of Delivery :- FOR, CNP Nashik road, duly unloaded	
4	Tender Validity 120 days as per the tender	
5	Technical Specification –Section VII as per tender	
6	Submit Manufacturer's Authorization form (As Applicable)	
7	Accept the Warranty clause as per tender (As Applicable)	
8	Submit the documents as per Qualification / Eligibility criteria – Section IX (As Applicable)	
9	Fill Tender Form – Section X duly seal & sign (Without mentioning price)	
10	Delivery Period: Acceptance of delivery period as per Section VI of tender Document.	
11	Blank price schedule format as per Section XI indicating 'XXXX'	
12	Power of Attorney for signing the bid document and contract, if awarded.	
13	Section II - General Instructions to Tenderer's (GIT)	
14	Section IV - General Conditions of Contract (GCC)	
15	Section XII to XIX of Tender Documents	

Part II: - PRICE BID

Sr. No.	Tender Submission Check Points	Check before submission Tick (✓)
1	Price Bid as per Section XI (Price including all taxes & other charges)	

..... (Bidder's Seal & Sign)



SECURITY PRINTING AND MINTING
CORPORATION OF INDIA LIMITED

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Annexure-I
Bid Security Declaration Format
(To be printed on letter head of bidder)

Date:

To,
The Chief General Manager
Currency Note Press
Nashik Road

Sub: Bid Security Declaration-Reg.

Ref: 1. Tender No. _____ Dtd: _____
2. Bidder's offer no. _____ Dtd: _____

I, _____ (Name of authorized signatories), on behalf of _____ M/s. _____ (Bidder's name and address), duly authorized to sign the tender document and enter into contract (if awarded), herewith accept that if the bidder withdraw (or) modify our bid during period of validity i.e. within 120 days of opening of bid etc., the bidder will be suspended/debarred/blacklisted for a period of two years from the due date of the tender.

(Signature of Authorized Signatory)

Designation:
Name of Bidder:
Seal:

(Non submission of this declaration may result in disqualification)