

**CURRENCY NOTE PRESS : NASHIK ROAD**

**(A Unit of Security Printing and Minting Corporation of India Limited)**

**Wholly owned by Government of India**

**Nashik Road - 422 101 (Maharashtra)**

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EOI NO: 11/SCADA/2022

Date: 09.02.2022

1. Name of the organization: Currency Note Press (A Unit of Security Printing and Minting Corporation of India Limited)
2. Type of the organization: Wholly owned by Government of India
3. Reference No: EOI NO: 11/SCADA/2022
4. EOI Title: **“DESIGN, SUPPLY, INSTALLATION AND COMMISSIONING OF REPUTED MAKE/BRAND SCADA SYSTEM FOR 33/11KV & 11KV/415 VOLT POWER DISTRIBUTION NETWORK IN CURRENCY NOTE PRESS, NASHIK ROAD.**
5. Category: Non Security
6. Document Fee: Nil
7. Mode of Publication: National Competitive Bidding
8. Date of Announcement: 09.02.2022
9. Last Date of Submission: 11.03.2022
10. Brief Description of the SCADA System:

The currency note press is having one 33/11 KV main receiving station and 06nos of 11KV/415V sub stations located at different locations inside the CNP premises to cater the power to the CNP plant I to IV & allied areas.

  - The SCADA system is intended to be procured for centralized monitoring and controlling of one 33/11 KV MRS (main receiving station) & 06nos 11Kv/415V Sub stations for reliability of supply & Cost effective operation of distribution system with optimum manpower.
  - The SCADA system shall be capable for automatic monitoring, protecting and controlling of various equipment's in MRS & sub stations with the use of remote terminal units ( RTUs)

along with restoration facility of the power service during the fault condition and maintain desired operating conditions.

- The SCADA system shall be capable to performs the operations like bus voltage control, bus load balancing, current control, overload control, transformer control , circuit breaker& tap changer control, generate alarms in case of faults etc.
- The system shall have master computer installed in control room, including automatic acquisition of energy parameters and preparation of customized reports and monitoring & control of the switchgear installed in Main receiving station & sub stations like transformers , tap changers, Circuit Breakers , battery units , isolators, CT PT ,LA's etc. The objective shall be achieved with the help of SCADA software and substation Remote Terminal Units (RTU) .
- The system shall be capable to incorporate the all necessary control required to operate the entire power distribution system of 33/11 KV MRS( main receiving station) & 11KV/415V Sub stations.
- The system shall be capable to print /record all fault logs & system generated reports along with necessary backup of the data.
- The system shall have provision for future expansion to control the additional sub stations & its switchgear.
- The system shall be capable for the communication with open standard protocol and shall involve / support IEC 60870-5-104 and IEC 61850 for all levels of communication.
- The SCADA system shall be designed, developed, tested, installed, and commissioned at the MRS & Substations substation/ plant as per IEC Standards for protective relays and energy meters.
- All the hardware & software used in the SCADA system shall be branded /reputed make with compliance certification to national /international safety and security.

11. The EOI submitted by the firm should cover the following:

- The participating firm should categorically mention the detailed composition of the proposed SCADA system and it's auxiliary along with the make & model of the system being offered.
- The participating firm shall give detailed technical specifications of the proposed SCADA system, product catalogues, and, technical write up and presentation (if necessary) on the proposed equipment/ system and experience on supply of similar.
- The participating firm should mention specifically if anything which is not covered within the scope but essential to operate the system. If not mentioned, that should be supplied by the participating firm.
- The participating firm can supply any superior system which meets the actual operational and functional requirement of Currency Note Press.
- The participating firm should provide comprehensive Warranty for SCADA system for

one year

- Layout and dimensions of the proposed equipment's of the system.
- Customers list and performance certificate of their installed equipment from the customers.
- Budgetary offer for the proposed system must broadly include taxes/ duties FOR Currency Note Press, Nashik basis.
- Technical manual of SCADA system , flow chart for the entire system in details with its capabilities .
- Details of the plan for successful installation and commissioning of the SCADA system along with time period.
- Certification / declarations from the respective OEM for continued support for minimum of 10 years after the commissioning
- Participating firm shall submit valid authorization from Original Equipment Manufacturer (OEM) for the offered items.
- In case, on behalf of OEM a system integrator is participating in the Tender then, he shall submit valid authorization letter from the OEM indicating their relation with the participating firm, consent to participate in this Tender and confirmation of support, trouble shooting during commissioning as well as life time of the system.

12. Important Instructions to Bidders for submission of the documents:

- (a) The participating firms shall be required to submit all related technical details, capabilities of the firm, product catalogues, and specifications of the proposed system, technical write up and presentation( if necessary) on the proposed equipment/system and experience on Design, Supply, installation, and Commissioning of reputed make/brand SCADA system for 33/11 KV MRS & 11 KV/415 Volts Sub Stations.
- (b) The interested firm has to visit the site for understanding the requirement.
- (c) The interested & experienced firms should also be required to submit along with Expression of Interest, a list of customers to whom they have supplied such equipment/ systems with details and performance report from their clients.
- (d) The intending supplier will also be asked to provide afier-sales support for maintenance for 10 years after warrantee for satisfactory performance of the SCADA system.
- (e) The participating firm shall have carried out the similar project in last 3 years .The firm shall provide Purchase Order copies of the customers to whom such equipment/ system have been supplied in the past 03 years with details of the equipment/ system and their addresses along with phone, fax and email addresses and performance report from them.

- (f) The Participating firms should give a declaration that they have not been blacklisted or debarred for dealing by Government of India or any Government in the past.
- (g) The documents in support of Expression of Interest need to be submitted duly signed by the authorized representative of the applicant with name and designation of the signatory.
- (h) OEM of SCADA system, outside India, who are submitting offer for this Tender shall have authorized representatives in India for support related to documentation, technical services, trouble shooting, erection and commissioning as well any sort of coordination works. The OEM shall clearly specify the Authorized Indian representatives details in the said letter and he shall furnish an undertaking that incase of change in Indian Representative/agent during the currency of contract or afterwards during the life time of the system, OEM shall continue to support for commissioning and trouble shooting
- (i) The documents in support of Expression of Interest (viz. Supply order details/ Installation Certificates/ Addresses of customers and their contact numbers) need to be submitted duly signed by authorized representative of the applicant.
- (j) Please fill and submit the format provided at Annexure – “A” along with this document.
- (k) The principal firm will have to directly participate in this EOI. Participation of any authorized firm by any principal bidder will not be considered.
- (l) Bidders are requested to submit Budgetary Quotations for the products thus purpose.

13. Procurement Process:

Following are the details of this procurement process:

- i. At first, the Expression of Interest is being floated for above mentioned instrument.
- ii. The firms intending to participate in the EOI have to present a detailed presentation at CNP, Nashik regarding their offers of services/goods and the cost for such visits shall be borne by firms only.
- iii. After evaluation of the responses received, a Tender will be floated in cooperating all the terms and conditions, specification as per buyer's requirement. An Open tender will be floated for active participation of bidders.

14. The Bid shall be submitted in English Language only. The Authenticated copies of the documents in support or applicant's claim may be submitted in English Language.
15. The bidders will be required to give a presentation of the offered item by them on mutually agreed date after submission of the offer.
16. The bidders shall provide copies of balance sheet, Profit & Loss statement, of last Five years ending March-2021. If Financial Year maintaining calendar year wise then up to December-2021. All the Financial data to be certified by Charter Accountant in India and certified by Public Accountant in foreign as the case may be.
17. The bidders shall enclose details of quality accreditations received by them.
18. The dully filled details along with supporting documents should be sent in a sealed envelope super scribing "Expression of Interest for Design, Supply, Installation, And Commissioning of reputed Make/Brand SCADA System for 33/11KV & 11KV/415 Volt Power Distribution Network in CNP , Nashik Road" The same may be submitted in person or through courier/ registered post/ speed post so as to reach the following address on or before the prescribed date and time:

The Chief General Manager,  
Currency Note Press,  
Jail Road, Nashik Road-422 101  
Maharashtra, India  
Phone No. +91 253 2454493, Fax No: +91 253 2464100  
Email: purchase.cnpnashik@spmcil.com

Last date and time for receipt of Expression of Interest: 11.03.2022 - 14:30 pm

Date and time of opening of Expression of Interest on: 11.03.2022 - 15:00 pm

Place of opening of Expression of Interest: Currency Note Press, Jail Road,  
Nashik Road 422 101, Maharashtra, India

**(V. KIRAN KUMAR)**  
**JT. GENERAL MANAGER (MATERIAL)**  
**FOR CHIEF GENERAL MANAGER**

## **Annexure: A**

### **Application for EOI**

(The applicant should study carefully the Rules of EOI and the list of documents to be annexed with application form.

1. Name of applicant : Shri/Smt ...
2. Nationality: .....
3. Office Address :

Home Office

Regd. Office

4. Telephone Number .....

5. Fax No. ....Email ID :

.....

6. Constitution – (Tick the appropriate)

Individual (  ) Sole Proprietorship Concern (  ) Partnership Firm (  )

Public Ltd .Company (  ) Private Ltd. Company (  )

7. Names of Partners /Directors:

Sl. No.	If Company -Names of Directors	If Partnership Firm –Name
	Partners	

1

2

3

8. Is the individual /sole proprietor /any partner /director of company:

Particulars	Yes/No
Sl.No	
(a) Dismissed Govt. Servant	
(b) Removed from approved list of contractors.	
(c) Demoted to a lower class of contractors.	
(d) Having business banned /suspended by any govt. in the past.	
(e) Convicted by a court of law.	
(f) Retired engineer /official from engineering Dept. of Govt. of India within last two years.	
(g) Director or partner of any other company /firm enlisted with CPWD or any other department.	
(h) Member of Parliament or any State Legislative Assembly.	

If answer to any of the above is, "Yes ", furnish details on a separate sheet

9. (a) Name of person holding power of attorney: .....  
(b) Nationality Indian / Other: .....  
(c) Liabilities: .....

10. Name of Bankers with full address and Account details .....

11. Place of business:

12. Full time technical staff the applicant employs:

Categories:	Number
Graduate engineers with minimum 5 years of experience: .....	
Graduate engineers with minimum 3 years of experience: .....	
Diploma engineers with minimum 3 years of experience: .....	

13. Does the applicant have sufficient T & P, Machinery, and Equipment's arrangements for quality control and workshop as per requirements?  
(Attach details on separate sheet)(In case of authorized dealers, provide these details pertaining to OEM)

14. Does the applicant possess valid Electrical License (For Electrical): Yes / No

15. Whether registered with GST authority.  
(Give details of registration and enclose copies thereof).

16. Financial Reports: Provide copies of last 5 year's audited Annual report / Balance Sheet / Profit and loss statement including for the year 2020-2021.

17. (a) Whether already enlisted with any other organization: Yes / No  
(b) If yes, give details:  
(i) Name of department .....  
(ii) Class of category .....  
(iii) Empanelment authority & address .....  
(iv) Employment No. & date .....  
(v) Date of validity .....  
(vi) Tendering limit .....

18. Is any person working with the applicant a near relative of the officer / official  
of SPMCIL: Yes / No  
If yes, give details

19. Details of Work completed and in progress during the last 5 years if any.

20. Certificates:

(i) I/We (including all partners) certify that I/We have read the Rules of Enlistment of Contractors in SPMCIL as amended upto date and shall abide by them.

(ii) I/We certify that the information given above is true to the best of our knowledge. I/We also understand that if any of the information is found wrong. I am liable to be debarred.

(iii) I/We certify that I/We will not get myself/ourselves registered as contractor(s) in SPMCIL under more than one name.



Signature(s) of applicant(s):

Sl. No.	Names	Signatures	Address
1.			

Date: .....  
firms  
Place: .....

Seal and Signature of the  
authorized representative.

No. of documents attached: