

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: 07/ELE/2022-2023

Date: 23.12.2022

1. Name of the organization: Currency Note Press, Nashik (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: 07/ELE/2022-2023
4. EOI Title: **“Up Gradation of existing indoor 11 KV HT Oil Circuit Breaker(OCB) switch gear panel by Vacuum Circuit Breaker (VCB) switch gear panel in main receiving station (MRS) & Sub-Station No. V at CNP, Nashik.**
5. Category: Non Security
6. Document Fee: Nil
7. Mode of Publication: National Competitive Bidding
8. Date of Announcement: 23.12.2022
9. Last Date of Submission: 24.01.2023
10. Brief Description:

The existing OCB installed in MRS & Substation No.V was installed 37 to 38 years back and therefore, the condition of the OCB has deteriorated with time due to continuous use and ageing. CNP Nashik intends to upgrade existing Indoor 11 KV HT oil circuit breakers switchgear panels by Vacuum circuit breakers switchgear panels in Main Receiving station (MRS 33KV/11KV) and 11KV/433 volts indoor substation No-5 at Currency Note Press, Nashik road with the following scope of work:

- i. It covers the basic requirements in respect of 11 kV, 25 KA or better (Rated breaking current) (with highest system voltage of 12 kV) indoor Vacuum Circuit Breaker switchgear panel integrated with associated indoor control and relay panels for installation at sub-stations in CNP. It covers the requirements of indoor switchgear with relays &controls. The control and relay panel should form integral part of the switchgear (i.e. should be physically integrated into one unit).The specification is intended to cover the

Design, Engineering, supply, installation, testing and commissioning of indoor type 12 KV rated vacuum circuit breakers cubical panel with adequate capacity of electrolytic copper bus bar as per design aspects and consisting the set of vacuum circuit breakers.

- ii. The equipment offered shall be completed with all parts necessary for their effective and trouble free operation.
- iii. The equipment offered shall conform to the relevant standards and should be of high quality, sturdy, robust and of good design and workmanship complete in all respects and capable to have sufficiently long life in service as per statutory requirements.
- iv. The panel shall have capacity & facilities of SCADA compatible VCB panel.
- v. MAKE- SIEMENS, Schneider, ABB/ GEC/ ALSTHOM/ Jyoti/ Kirloskar/ Stelmec.
- vi. **Service Conditions:**
System particulars:
 - a. Nominal system voltage 11 kV
 - b. Corresponding highest system voltage 12 kV
 - c. Frequency 50 Hz \pm 3%
 - d. Number of phases 3
- vii. Equipment shall be suitable for satisfactory operation under the following tropical conditions:-
 - a. Max. ambient temperature: 40 Deg. C
 - b. Max. relative humidity: upto 90 %
 - c. Max. annual rainfall: 650- 700mm
 - d. Max. altitude above mean sea level: 584 mtrs.
 - e. Reference Ambient Temperature for temp. rise: 50 deg. C

The equipment shall be of suitable design to work satisfactorily under these conditions.
- viii. Auxiliary D.C. supply required for the operation of VCB and VCB panel:
Auxiliary D.C. supply required for the operation of VCB and VCB panel (Closing, tripping, indications, protection etc.) should be made available (Required for Substation no-5) by the firm with adequate capacity of batteries and associated battery charger and allied fixtures. The existing Battery Bank and charger available at MRS will be utilized for required function of VCB and VCB panel. The respective VCB panel should have independent D.C. supply with battery bank & battery charger.
- ix. Standards: Design, manufacturer & performance of equipment shall comply with all currently available statutes, regulations & safety codes.

SITE SELECTION:

The installation, testing and commissioning of indoor type 11 KV rated Vacuum Circuit Breakers switchboard cubical panels integrated with associated indoor controls and protection relays panels with Vacuum Circuit Breakers of Horizontal draw out Horizontal Isolation type with distinct SERVICE/TEST/ISOLATE Positions with adequate capacity of electrolytic copper bus bar in horizontal arrangements and consisting the set of vacuum circuit breakers will be carried out at MRS and Substation No.V in Currency Note Press, Nashik.

GENERAL TECHNICAL SPECIFICATION:

i. 11KV Indoor Switchgear: Switchgear for Indoor installation shall be metal clad, draw-out type and fully compartmentalized having suitable short time current rating. All panels shall be of unitized construction providing facility for extensions on both sides.

ii. Requirements:

Sr.no.	Particulars	Requirements
1	Service type	Indoor
2	Type of breakers	Vacuum Circuit Breaker
3	No. of poles	03 (Three)
4	Nominal system voltage & Rated Frequency	11 KV, 50-60 Hz
5	Highest system voltage	12 KV, 50-60 Hz
6	Rated normal current at ambient temp.	
i)	Bus bar	1250 Amps
ii)	For Incomer/bus coupler/outgoing	1250 Amps
7	Operating Duty	Rapid Auto Reclosing

iii. The Existing cables shall be used for Incomer and for outgoing feeders. If length of existing cables are not sufficient to connect in New VCB panel at respective Incomer/ outgoing feeder ,the appropriate length of cable ,HT cable jointing kit and cable end termination kit shall be used with same size & rating of cable.

iv. a) For MRS: Configuration shall be 03 incomer + 03 bus coupler (BR: Bus Riser if necessary) + 19 OG (outgoing) Feeder.
b) For Substation V : Configuration shall be 04 incomer + 03 Bus coupler (BR) + 07 outgoing feeder + 02 spare outgoing

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

i. 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 Up Gradation of existing indoor 11 KV HT Oil Circuit Breaker (OCB) switch gear panel in main receiving station (MRS).

- ii. The interested firm must visit the site for understanding the requirement.
- iii. 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.
- iv. 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.
- v. 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.
- vi. 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.
- vii. 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.
- viii. Please fill and submit the format provided at Annexure – “A” along with this document.
- ix. The principal firm will have to directly participate in this EOI. Participation of any authorized firm by any principal bidder will not be considered.
- x. Bidders are requested to submit Budgetary Quotations for the products thus purpose.

12. 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.

13. 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.
14. The bidders will be required to give a presentation of the offered item by them on mutually agreed date after submission of the offer.
15. 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.
16. The bidders shall enclose details of quality accreditations received by them.
17. The dully filled details along with supporting documents should be sent in a sealed envelope super scribing "Expression of Interest for "Up Gradation of existing indoor 11 KV HT Oil Circuit Breaker(OCB) switch gear panel by Vacuum Circuit Breaker (VCB) switch gear panel in main receiving station (MRS) & for Sub-Station No. V at CNP, Nashik" 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: 24.01.2023 - 14:30 pm

Date and time of opening of Expression of Interest on: 24.01.2023 - 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 :

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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
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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: