

Bid Document

Bid Details	
Bid End Date/Time	28-07-2022 11:00:00
Bid Opening Date/Time	28-07-2022 11:30:00
Bid Offer Validity (From End Date)	60 (Days)
Ministry/State Name	Ministry Of Finance
Department Name	Department Of Economic Affairs
Organisation Name	Security Printing And Minting Corporation Of India Limited (spmci)
Office Name	Janpath
Total Quantity	1
Item Category	Procurement of PLC and Input/Output Modules (Q3)
Minimum Average Annual Turnover of the bidder (For 3 Years)	3 Lakh (s)
Years of Past Experience Required for same/similar service	1 Year (s)
MSE Exemption for Years Of Experience and Turnover	Yes
Startup Exemption for Years Of Experience and Turnover	Yes
Document required from seller	Experience Criteria,Past Performance,Bidder Turnover,Certificate (Requested in ATC) *In case any bidder is seeking exemption from Experience / Turnover Criteria, the supporting documents to prove his eligibility for exemption must be uploaded for evaluation by the buyer
Past Performance	40 %
Bid to RA enabled	No
Time allowed for Technical Clarifications during technical evaluation	2 Days
Evaluation Method	Total value wise evaluation

EMD Detail

Advisory Bank	State Bank of India
EMD Percentage(%)	2.00
EMD Amount	10548

ePBG Detail

Advisory Bank	State Bank of India
ePBG Percentage(%)	3.00
Duration of ePBG required (Months).	17

(a). EMD EXEMPTION: The bidder seeking EMD exemption, must submit the valid supporting document for the relevant category as per GeM GTC with the bid. Under MSE category, only manufacturers for goods and Service Providers for Services are eligible for exemption from EMD. Traders are excluded from the purview of this Policy.

(b). EMD & Performance security should be in favour of Beneficiary, wherever it is applicable.

Beneficiary:

Chief General Manager
Nashik Road
(India Security Press)

Splitting

Bid splitting not applied.

MII Purchase Preference

MII Purchase Preference	Yes
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MSE Purchase Preference

MSE Purchase Preference	Yes
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1. If the bidder is a Micro or Small Enterprise as per latest definitions under MSME rules, the bidder shall be exempted from the requirement of "Bidder Turnover" criteria and "Experience Criteria". If the bidder is OEM of the offered products, it would also be exempted from the "OEM Average Turnover" criteria. In case any bidder is seeking exemption from Turnover / Experience Criteria, the supporting documents to prove his eligibility for exemption must be uploaded for evaluation by the buyer.
2. If the bidder is a Startup, the bidder shall be exempted from the requirement of "Bidder Turnover" criteria and "Experience Criteria". If the bidder is OEM of the offered products, it would also be exempted from the "OEM Average Turnover" criteria. In case any bidder is seeking exemption from Turnover / Experience Criteria, the supporting documents to prove his eligibility for exemption must be uploaded for evaluation by the buyer.
3. The minimum average annual financial turnover of the bidder during the last three years, ending on 31st March of the previous financial year, should be as indicated above in the bid document. Documentary evidence in the form of certified Audited Balance Sheets of relevant periods or a certificate from the Chartered Accountant / Cost Accountant indicating the turnover details for the relevant period shall be uploaded with the bid. In case the date of constitution / incorporation of the bidder is less than 3-year-old, the average turnover in respect of the completed financial years after the date of constitution shall be taken into account for this criteria.
4. Experience Criteria: In respect of the filter applied for experience criteria, the Bidder or its OEM {themselves or through reseller(s)} should have regularly, manufactured and supplied same or similar Category Products to any Central / State Govt Organization / PSU / Public Listed Company for number of Financial years as indicated above in the bid document before the bid opening date. Copies of relevant contracts to be submitted along with bid in support of having supplied some quantity during each of the Financial year. In case of bunch bids, the category of primary product having highest value should meet this criterion.
5. Preference to Make In India products (For bids < 200 Crore):Preference shall be given to Class 1 local supplier as defined in public procurement (Preference to Make in India), Order 2017 as amended from time to time and its subsequent Orders/Notifications issued by concerned Nodal Ministry for specific Goods/Products. The minimum local content to qualify as a Class 1 local supplier is denoted in the bid document. If the bidder wants to avail the Purchase preference, the bidder must upload a certificate from the OEM regarding the percentage of the local

content and the details of locations at which the local value addition is made along with their bid, failing which no purchase preference shall be granted. In case the bid value is more than Rs 10 Crore, the declaration relating to percentage of local content shall be certified by the statutory auditor or cost auditor, if the OEM is a company and by a practicing cost accountant or a chartered accountant for OEMs other than companies as per the Public Procurement (preference to Make-in -India) order 2017 dated 04.06.2020. Only Class-I and Class-II Local suppliers as per MII order dated 4.6.2020 will be eligible to bid. Non - Local suppliers as per MII order dated 04.06.2020 are not eligible to participate. However, eligible micro and small enterprises will be allowed to participate .In case Buyer has selected Purchase preference to Micro and Small Enterprises clause in the bid, the same will get precedence over this clause.

6. Purchase preference to Micro and Small Enterprises (MSEs): Purchase preference will be given to MSEs as defined in Public Procurement Policy for Micro and Small Enterprises (MSEs) Order, 2012 dated 23.03.2012 issued by Ministry of Micro, Small and Medium Enterprises and its subsequent Orders/Notifications issued by concerned Ministry. If the bidder wants to avail the Purchase preference, the bidder must be the manufacturer of the offered product in case of bid for supply of goods. Traders are excluded from the purview of Public Procurement Policy for Micro and Small Enterprises. In respect of bid for Services, the bidder must be the Service provider of the offered Service. Relevant documentary evidence in this regard shall be uploaded along with the bid in respect of the offered product or service. If L-1 is not an MSE and MSE Seller (s) has/have quoted price within L-1+ 15% (Selected by Buyer)of margin of purchase preference /price band defined in relevant policy, such Seller shall be given opportunity to match L-1 price and contract will be awarded for 25%(selected by Buyer) percentage of total QUANTITY.

7. Past Performance: The Bidder or its OEM {themselves or through re-seller(s)} should have supplied same or similar Category Products for 40% of bid quantity, in at least one of the last three Financial years before the bid opening date to any Central / State Govt Organization / PSU / Public Listed Company. Copies of relevant contracts (proving supply of cumulative order quantity in any one financial year) to be submitted along with bid in support of quantity supplied in the relevant Financial year. In case of bunch bids, the category related to primary product having highest bid value should meet this criterion.

Procurement Of PLC And Input/Output Modules (1 pieces)

(Minimum 50% and 20% Local Content required for qualifying as Class 1 and Class 2 Local Supplier respectively)

Brand Type	Unbranded
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Technical Specifications

Buyer Specification Document	Download
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Consignees/Reporting Officer and Quantity

S.No.	Consignee/Reporting Officer	Address	Quantity	Delivery Days
1	Biplab Basak	422101,India Security Press, Nashik Road Nashik , Maharashtra	1	90

Buyer Added Bid Specific Terms and Conditions

1. Forms of EMD and PBG

Bidders can also submit the EMD with Account Payee Demand Draft in favour of India Security Press, A unit of SPMCIL payable at Nashik.

Bidder has to upload scanned copy / proof of the DD along with bid and has to ensure delivery of hardcopy to the Buyer within 5 days of Bid End date / Bid Opening date.

2. **Forms of EMD and PBG**

Bidders can also submit the EMD with Fixed Deposit Receipt made out or pledged in the name of A/C (Name of the Buyer). The bank should certify on it that the deposit can be withdrawn only on the demand or with the sanction of the pledgee. For release of EMD, the FDR will be released in the favour of the bidder by the Buyer after making endorsement on the back of the FDR duly signed and stamped along with covering letter. Bidder has to upload scanned copy/ proof of the FDR along with bid and has to ensure delivery of hardcopy to the Buyer within 5 days of Bid End date/ Bid Opening date

3. **Forms of EMD and PBG**

Bidders can also submit the EMD with Banker's Cheque in favour of India Security Press, A unit of SPMCIL payable at Nashik.

Bidder has to upload scanned copy / proof of the BC along with bid and has to ensure delivery of hardcopy to the Buyer within 5 days of Bid End date / Bid Opening date.

4. **Forms of EMD and PBG**

Successful Bidder can submit the Performance Security in the form of Account Payee Demand Draft also (besides PBG which is allowed as per GeM GTC). DD should be made in favour of India Security Press, A unit of SPMCIL payable at Nashik. After award of contract, Successful Bidder can upload scanned copy of the DD in place of PBG and has to ensure delivery of hard copy to the original DD to the Buyer within 15 days of award of contract.

5. **Forms of EMD and PBG**

Successful Bidder can submit the Performance Security in the form of Fixed Deposit Receipt also (besides PBG which is allowed as per GeM GTC). FDR should be made out or pledged in the name of India Security Press, A unit of SPMCIL A/C (Name of the Seller). The bank should certify on it that the deposit can be withdrawn only on the demand or with the sanction of the pledgee. For release of Security Deposit, the FDR will be released in favour of bidder by the Buyer after making endorsement on the back of the FDR duly signed and stamped along with covering letter. Successful Bidder has to upload scanned copy of the FDR document in place of PBG and has to ensure delivery of hard copy of Original FDR to the Buyer within 15 days of award of contract.

6. **Warranty**

Warranty period of the supplied products shall be 1 years from the date of final acceptance of goods or after completion of installation, commissioning & testing of goods (if included in the scope of supply), at consignee location. OEM Warranty certificates must be submitted by Successful Bidder at the time of delivery of Goods. The seller should guarantee the rectification of goods in case of any break down during the guarantee period. Seller should have well established Installation, Commissioning, Training, Troubleshooting and Maintenance Service group in INDIA for attending the after sales service. Details of Service Centres near consignee destinations are to be uploaded along with the bid.

7. **Buyer Added Bid Specific ATC**

Buyer Added text based ATC clauses

I. Technical Specifications

1) Main PLC complete with machine programme, supporting software and parameter setting as required for our machine along with I/O, Ethernet coupler, end cap, EtherCat cable etc as per details given below.

Details of PLC , I/O and accessories are as under:--

(a)Type: NX1P2-902 4DT1

NX series controller, Version ,V1.13

NX unit Number -0, Width 124mm

NX Unit connect time 3 sec.

Make: Omron or exact equivalent. The offered PLC and its sub assemblies should be suitable for direct replacement on our 04 color web fed machine as a complete unit with Input, Output and coupler modules or individual PLC, Input Module, Output module as required.

Qty-01 no.

(b)Input module with supporting software and parameter setting as required for our main PLC,

Type- NX1D5442, DC input

NX series controller, Version, V1.0

NX unit Number -7, Width 12mm

Power:-0.55 watt,16 Bit I/o

Make: Omron or exact equivalent for direct replacement, suitable to interface to PLC, Type: - NX1P2-902 4DT1

Qty: 03 Nos.

(c)Input module with supporting software and parameter setting as required for our main PLC

Type- NX1D4442, DC input

NX series controller, Version, V1.0

NX unit Number -6, Width 12mm

Power:-0.50 watt,16 Bit I/o

Make: Omron or exact equivalent for direct replacement, suitable to interface to PLC, Type: - NX1P2-902 4DT1

Qty: 01 No

(d) Output module with supporting software and parameter setting as required for our main PLC

Type- NX 0D 5256, DC input

NX series controller, Version, V1.0

NX unit Number -3, Width 12mm

Power:-0.70 watt,16 Bit I/o

Serial:- 0X00000000

Make: Omron or exact equivalent for direct replacement, suitable to interface to PLC,

Type-NX1P2-902 4DT1.

Qty: 04Nos.

(e) EtherCat Coupler compatible for our main PLC,

Type- NX-ECC201, EtherCat coupler, Version, V1.0

PDO communication cycle 1,(1000 micro sec.)

Serial:- 0X00000000

Make: Omron or exact equivalent for direct replacement, suitable to interface to our PLC,

Type-NX1P2-902 4DT1

Qty: 01 No.

(f)End Cap

Type:-NX1-END01 & END02

Make :- Omron or exact equivalent for direct replacement

Qty:- 01 nos each

(g)Standard EtherCat Cable

Make: Omron or exact equivalent for direct replacement

Length: 0.5 meter

Qty:01 No.

The supply of above PLC and its sub assemblies includes copying the programme from our existing PLC, load the programme in New PLC and configure the Input/output module , coupler module with PLC and other electrical accessories like Register & counter Module, HMI , Main Drive, Tension control unit etc .

Terms & conditions:-

1.Though the above PLC is asked as a complete set with I/O modules, EtherCat coupler etc., they are to be used on our existing machine for replacement in place of existing PLC or its I/p or O/P module when fault arises, as a individual PLC, I/P module, O/P module as the case may be, as and when required. Hence, part supply of PLC and its modules of different makes and models other than the makes and model mentioned will not be accepted.

2.Firm will have to confirm that offered PLC, its I/P module,O/P module etc. are suitable for direct replacement in place of existing PLC and its sub assemblies without any changes as regards to the programme, input/output connections, mounting arrangement as a complete unit or individual PLC, Input Module, Output module as required.

3.The firm will have to give one-year warranty of the offered material and workmen ship.

4.The firm will have to depute their engineers for the installation, Programme copying, parameter loading, testing of PLC on our machine and give On load trials ISP up to satisfaction of ISP's Engineers without any cost to ISP.

5.ISP does not have copy of the programme; the firm will have to copy the programme from our running existing PLC system, without any damage in our existing system. The firm will have give an undertaking in writing, that in case of problem to the existing machines software and Hardware during copying , Installation, integration or reverse engineering, they undertake to replace the damaged software and hardware within 3 days without any cost to ISP.

6.The firm will have to confirm that, they will be able to provide after sales services for next 10 years as and when required by ISP.

7.Since the existing machine on which the above system is required, has heavy production load, the firm will have to supply the complete PLC set as plug and play type for direct replacement without any modification in hardware and software.

8.The firms Engineer will have to give necessary installation and parameter loading training to our maintenance Engineers.

9.The firm will have to carry out the works on ISP's working Days from 8.00am to 5.00 PM however; ISP reserves the right to permit the works during silent hours/lunch hours or Sundays/Holidays.

10.The firm and their Team of manpower will have to follow all the Safety and Security regulations of ISP's Safety Department and CISF.

II. Qualification/Eligibility Criteria

1. The following shall be the minimum eligibility criteria for selection of bidders techno-commercially:-

(a) Experience: The bidder (manufacturer or principal or authorised representative) should have manufactured and supplied similar PLC and input/output modules of at least one no. in any one year during last five years ending on 31st March 2021.

In proof of having fully adhered to minimum eligibility criteria, attested copy of experience certificate /Attested copy of Experience / Copy of Purchase Order issued by the parties to whom the similar type of goods has been supplied.

Note: The 'Experience and Past experience criteria' is exempted for Startups and Micro & Small Enterprises.

(b) Capability- Equipment & Manufacturing Facilities:

The Bidder must have an annual capacity to manufacture and supply at least one no. of similar PLC and input/output modules.

(c) Financial standing:

(i) Average Annual Turnover of the bidder during the last three years, ending on 31.03.2021, should be at least Rs. 2,10,952/- as per the annual report (audited balance sheet and profit & loss account) of the relevant period, duly authenticated by a Chartered Accountant/Cost Accountant.

Note: The 'Average Annual Turnover criteria' is exempted for Startups and Micro & Small Enterprises.

(ii) The bidder should not have suffered any financial loss for more than one year during the last three years, ending on 31.03.2021.

(iii) The net worth of the bidder should not be negative and also not have eroded by more than 30% in the last three years, ending on 31.03.2021.

2. The firm will have to give an undertaking in writing, that *"In case of problem to the existing machines software and Hardware during copying, Installation, integration or reverse engineering, we undertake to replace the damaged software and hardware within 3 days without any cost to ISP."*

3. The terms and conditions, guidelines of SPMCIL Procurement Manual Version 2.0 will be applicable to this bid at any stage to avoid any conflict at later stage. Kindly refer GIT & GCC of SPMCIL Procurement Manual Version 2.0 for additional terms and conditions as per the links given below:

i. GIT (Total pages: 61): <https://spmcil.com/uploaddocument/GIT/new.pdf>

ii. GCC (Total pages: 36): <https://spmcil.com/uploaddocument/GCC/new.pdf>

Sr. No.	Description	Submitted / Not Submitted
	Documentary evidence towards Experience as per clause II. 1. (a) of Qualification/Eligibility Criteria.	
	Documentary evidence towards Capability - Equipment & manufacturing Facilities as per clause II. 1. (b) of Qualification/Eligibility Criteria.	
	Documentary evidence towards Financial Standing i.e. Balance Sheets and P&L A/c. statements for FY- 2018-19, 19-20, 20-21 as per clause II. 1. (c) of Qualification/Eligibility Criteria.	

	Undertaking: <i>"In case of problem to the existing machines software and Hardware during copying, Installation, integration or reverse engineering, we undertake to replace the damaged software and hardware within 3 days without any cost to ISP."</i>	
	Documentary evidence towards MII Criteria	
	Adherence to Technical Specifications (Sealed & Signed technical specifications on firm's letter head)	

Bidder to furnish stipulated documents in support of fulfilment of qualifying criteria. Non-submission or incomplete submission of documents may lead to rejection of offer.

Disclaimer

The additional terms and conditions have been incorporated by the Buyer after approval of the Competent Authority in Buyer Organization. Buyer organization is solely responsible for the impact of these clauses on the bidding process, its outcome, and consequences thereof including any eccentricity/restriction arising in the bidding process due to these ATCs and due to modification of technical specifications and/or terms and conditions governing the bid. Any clause incorporated by the Buyer such as demanding Tender Sample, incorporating any clause against the MSME policy and Preference to make in India Policy, mandating any Brand names or Foreign Certification, changing the default time period for Acceptance of material or payment timeline governed by OM of Department of Expenditure shall be null and void and would not be considered part of bid. Further any reference of conditions published on any external site or reference to external documents/clauses shall also be null and void. If any seller has any objection/grievance against these additional clauses or otherwise on any aspect of this bid, they can raise their representation against the same by using the Representation window provided in the bid details field in Seller dashboard after logging in as a seller within 4 days of bid publication on GeM. Buyer is duty bound to reply to all such representations and would not be allowed to open bids if he fails to reply to such representations. Also, GeM does not permit collection of Tender fee / Auction fee in case of Bids / Forward Auction as the case may be. Any stipulation by the Buyer seeking payment of Tender Fee / Auction fee through ATC clauses would be treated as null and void.

[This Bid is also governed by the General Terms and Conditions](#)

In terms of GeM GTC clause 26 regarding Restrictions on procurement from a bidder of a country which shares a land border with India, any bidder from a country which shares a land border with India will be eligible to bid in this tender only if the bidder is registered with the Competent Authority. While participating in bid, Bidder has to undertake compliance of this and any false declaration and non-compliance of this would be a ground for immediate termination of the contract and further legal action in accordance with the laws.

---Thank You---