



**India Security Press,
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Nashik Road-422101 (Maharashtra)
(ISO-9001:2008 & 14001:2004 Certified Company)
Miniratna Category-I, CPSE
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CIN: U22213DL2006GOI144763 GSTIN: 27AAJCS6111J2Z7**

PR Number	PR Date	Indenter	Department
12004943 & 11010761	10.06.2023	SL018189	ACS

Not Transferable

**Security Classification: Non-Security
TENDER DOCUMENT FOR: DESIGN, DETAILED ENGINEERING, MANUFACTURING, SUPPLY, INSTALLATION, TESTING, AND COMMISSIONING OF ACCESS CONTROL SYSTEM CUM ATTENDANCE SYSTEM WITH VISITOR MANAGEMENT SYSTEM ALONG WITH OUTDOOR BOOM BARRIER.**

Tender Number: 14/ACS/23, Dated: 26.06.2023

This Tender Document Contains Pages.

Details of Contact person in SPMCIL regarding this tender:

Name: Ashok Sharma
Designation: Jt. General Manager (Materials)
Address: ISPN (India Security Press, Nashik) India

Disclaimer

The information contained in this Bid Document or subsequently provided to Bidder(s), whether verbally or in documentary or any other form by or on behalf of the Security Printing and Minting Corporation Limited (hereafter referred as the "Purchaser") or any of its employees or associated agencies, is provided to Bidder(s) on the terms and conditions set out in this Bid Document and such other terms and conditions subject to which such information is provided.

This Bid Document is not an agreement and is neither an offer nor invitation by the Purchaser to the prospective Bidder(s) or any other party hereunder. The purpose of this Bid Document is to provide the Bidder(s) with information to assist them in the formulation of their proposal submission. This Bid document does not purport to contain all the information Bidder(s) may require. This Bid document may not be appropriate for all bidders, and it is not possible for the Purchaser to consider particular needs of each Bidder. Each Bidder should conduct its own investigation and analysis, and should check the accuracy, reliability, and completeness of the information in this document and obtain independent advice from appropriate sources.

Information provided in this Bid Document to the Bidder(s) is on a wide range of matters, some of which may depend upon interpretation of law. The information given is not intended to be an exhaustive account of statutory requirements and should not be regarded as a complete or authoritative statement of law. The Purchaser, its employees and other associated agencies accept no responsibility for the accuracy or otherwise for any interpretation or opinion on law expressed herein.

This Bid document and ensuing bids; communications and Contracts would alone determine the legal and commercial relationship between the bidders/ contractors and the Purchaser. No other Government or Purchaser's document/ guidelines/Manuals including its Procurement Manual (which are for internal and official use of its officers), have any locus standi in such a relationship. These documents/guidelines/ Manuals therefore should not be cited or referred in any legal or dispute resolution or grievance redressal proceedings.

The Purchaser, its employees and other associated agencies make no representation or warranty and shall have no liability to any person, including any Bidder under any law, statute, rules or regulations or tort, principles of restitution or unjust enrichment or otherwise for any loss, damages, cost or expense which may arise from or be incurred or suffered on account of anything contained in this Bid Document or otherwise, including the accuracy, adequacy, correctness, completeness or reliability of the Bid Document and any assessment, assumption, statement or information contained therein or deemed to form part of this Bid Document or arising in any way for participation in this Bid Stage.

The Purchaser, its employees and other associated agencies also accept no liability of any nature whether resulting from negligence or otherwise howsoever caused arising from reliance of any Bidder(s) upon the statements contained in this Bid Document.

The Purchaser may in its absolute discretion, but without being under any obligation to do so, update, amend or supplement the information, assessment or assumptions contained in this Bid Document.

The issue of this Bid Document does not imply that the Purchaser is bound to select Bidder(s) and the Purchaser reserves the right to reject all or any of the Bidders or Bids or to decide to drop the procurement process at any stage without assigning any reason.

The Bidder(s) shall bear all its costs associated with or relating to the preparation and submission of their Bids including but not limited to preparation, copying, postage, delivery fees, expenses associated with any submission of samples, demonstrations or presentations which may be required by the Purchaser or any other costs incurred in connection with or relating to their Bids. All such costs and expenses will remain with the Bidder(s) and the Purchaser shall not be liable in any manner whatsoever for the same or for any other costs or other expenses incurred by a Bidder(s) in preparation or submission of the Bid, regardless of the conduct or outcome of the Bidding Process.

This disclaimer forms an integral part of the Bid document and shall supplement but not supplant the provision of the Bid Document.

SECTION I: NOTICE INVITING TENDER (NIT)
INDIA SECURITY PRESS

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

Wholly owned by Government of India

Nashik Road – 422 101 (Maharashtra) Tel No 00 91 253 2402200, Fax No 00 91 253 2462718

Website: www.spmcil.com, email: purchase.isp@spmCIL.com

Tender No.: 14/ACS/23, Dated: 26.06.2023

1. Sealed tenders are invited from eligible and qualified tenderers for supply of the following

GeM-Non Availability Report and Past Transaction Summary- GEM/GARPTS/13062023/I8C2YBOXTC7G.

Schedule No.	Brief Description of Goods/ services	Quantity (with unit)	Earnest Money (in Rs.)	Remarks
1	Design, Detailed Engineering, Manufacturing, Supply, Installation, Testing, and Commissioning of Access Control System Cum Attendance System with Visitor Management System along with Outdoor Boom Barrier.	01 AU	Rs. 5,00,000/- (Rupees Five Lakh only)	-----

Type of Tender (Two Bid/ PQB/ EOI/ RC/ Development/ Indigenization/ Disposal of Scrap/ Security Item etc.)	Two Bid, Single stage (Two Covers), NCB (National Competitive Bidding) (Open Tender)
Security Classification	Non-Security
Authority in whose favour all tender related financial instruments (FD, DD, Banker's cheque etc) are to be made	India Security Press, Nashik Road, Unit of SPMCIL
All Financial Instruments to be payable at:	Payable at Nashik
Dates and place of issue of tender documents:	From 26.06.2023 to 08.08.2023 during office hours At ISP, Nashik
Place of Pre-Bid Conference	19.07.2023 at India Security Press, Nashik Road.
Place, Time and date before which Written queries for Pre-bid conference must be received	17.07.2023 up to 18.00 Hrs.
Closing date and time for receipt of tenders	08.08.2023 up to 15.00 Hrs.
Place of receipt of tenders	Green Gate, India Security Press, Nashik Road-422 101, Maharashtra, India
Time and date of opening of tenders for Pre-qualification bid. <i>Place, Time, and date of Opening of Technical Bid and Price bid would be intimated later on</i>	15:00 Hours on 08.08.2023.
Place of opening of tenders	Purchase Section, India Security Press, Nashik Road-422 101, Maharashtra, India

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. Interested tenderers may obtain further information about this requirement from the above office selling the documents. They may also visit our website mentioned above for further details.

5. Tenderer may also download the tender documents from the web site mentioned above and submit its tender by utilizing the downloaded document, the bidder must not make any changes to the contents of the documents, except for filling the required information. A certificate to this effect must be submitted by the bidder in the Tender Form (Section X).

6. In the event of any of the above-mentioned dates being declared as a holiday/ closed day for the purchase organization, the tenders will be sold/ received/ opened on the next working day at the appointed time.


7. The tender documents are not transferable.

8. 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).

9. Bidders are requested to attend a pre-bid conference for clarification on technical specifications and commercial conditions of the Tenders, on the time, Date and Place mentioned in Para 1 above, Participation in the Prebid conference is restricted to prospective bidders who have been invited to participate in the tender or who have purchased the tender documents. Participation is not mandatory, however, in case a bidder chooses not to participate (or fails to do so) in the pre-bid conference, it would be assumed that they have no issues regarding the Technical/ commercial specifications/conditions.

10. Undersigned confirms that the required Goods (as per technical specification provided by User Section) are not available on GeM as per "GeM-Availability Report and Past Transaction Summary". The Unique ID is GEM/GARPTS/13062023/I8C2YBOXTC7G.

11. The Chief General Manager, ISP Nashik reserves the right to accept / reject / cancel any or all tender document without assigning any reason thereof. Chief General Manager, ISP Nashik also reserves the right to accept the tender in whole or in part. Incomplete documents, not submitted in accordance with the directions issued, will be liable for rejection.



26.06.23
(Ashok Sharma)

Jt. General Manager (Materials)
India Security Press,
Nashik Road-422101
Phone No 0253 2402219
For and on behalf of
Chief General Manager,
India Security Press, Nashik Road

Section II: General Instructions to Tenderer (GIT)

PART I & II: GENERAL INSTRUCTIONS Applicable to all Types of Tenders:

Please refer the link to <https://spmci.com/uploaddocument/GIT/new.pdf> for further details.

GIT (Total pages: 61)

BIDDERS ARE REQUESTED TO DOWNLOAD 61 PAGES BY CLICKING THE ABOVE SAID LINK AND SUBMIT THE SAME DULY STAMPED AND SIGNED ALONG WITH TENDER DOCUMENT.

SECTION III: SPECIAL 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.)

Sl. No.	GIT Clause No.	Topic	Modify/ Substitute/ Supplement	SIT Provision
1	3	Eligible Tenderers		As Applicable
2	3.4	Eligible Goods and Services (Origin of Goods)		As Applicable
3	6.1	The tender documents includes:	Modify	SIT 1 (Mentioned below)
4	8	Pre-bid Conference	Modify	SIT 2 (Mentioned below)
5	9	Time Limit for receiving request for clarification of Tender Documents	Modify	A tenderer requiring any clarification or elucidation on any issue of the tender document may take up the same with ISP Nashik in writing or by fax/ e-mail/ post. ISP Nashik will respond in writing to such request provided the same is received by ISP Nashik not later than 21 days prior to the prescribed date of submission of tender.
5	10.1	The Technical bid to be submitted by Tenderer shall contain the following documents, duly filled in, as required	Modify	As Applicable
6	11.2	Tender Currency	Modify	The tenderer shall quote only in Indian rupees
7	12.1	Tender Prices		As Applicable
8	12.2, 33, 36.1	Schedule wise evaluation		Not Applicable
9	12.6	GST details		As Applicable
10	14	PVC Clause & Formula	Modify	Prices quoted by the tenderer shall remain firm and fixed during the currency of the contract and not subject to variation on any account.
11	14.4 to 14.7	Exchange Rate Variation (ERV)		Not Applicable
12	16.2 a) to c)	Documents Establishing Tenderer's Eligibility and Qualifications	Modify	As per Section IX: Qualification / Eligibility Criteria
13	18.4, 18.5	Earnest Money Deposit (EMD)	Modify	SIT 3 (Mentioned below)
14	19	Tender Validity	Modify	SIT 4 (Mentioned below)
15	20.4	Number of Copies of Tenders to be submitted	Modify	Tenderer shall submit their tender in "Original" only.
16	20.8	Two Bid System	Modify	SIT 5 (Mentioned below)

Sl. No.	GIT Clause No.	Topic	Modify/ Substitute/ Supplement	SIT Provision
17	20.9	E-Procurement		Applicable
18	34 and 35.1	Comparison on CIF Destination Basis		Not Applicable
19	35.2 to 35.6	Additional Factors for Evaluation of Offers and Preferential schemes		As Applicable
20	43	Parallel Contract		Not Applicable
21	44.1	Serious Misdemeanours		As Applicable
22	44.3	Integrity Pact		Not Applicable
23	45.1	Notification of Award		As Applicable
24	50	Applicability of additional GIT for rate contracts		Not Applicable
25	51	Applicability of additional GIT for PQB Tenders		SIT 6 (Mentioned below) SIT 7 (Mentioned below)
26	52	Applicability of additional GIT for Tender involving Samples		Not Applicable
27	53	Applicability of additional GIT for EOI Tenders		Not Applicable
28	54	Applicability of additional GIT for Tenders for disposal of Scrap		Not Applicable
29	55	Applicability of additional GIT for Development/Indigenization Tenders		Not Applicable
30		Land Border Sharing Criteria		SIT 8 (Mentioned below)

SIT : 1. The tender documents includes:- The tender documents includes:

- Section I - Notice Inviting Tender (NIT)
- Section II - General Instructions to Tenderers (GIT)
- Section III - Special Instructions to Tenderers (SIT)
- Section IV - General Conditions of Contract (GCC)
- Section V - Special Conditions of Contract (SCC)
- Section VI - List of Requirements
- Section VII - Technical Specifications
- Section VIII - Quality Control Requirements
- Section IX - Qualification/ Eligibility Criteria
- Section X - Tender Form
- Section XII - Vendor Details
- 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: Proforma of Bills for Payments
- Section XIX: NEFT Mandate

SIT : 2. Pre-bid conference: The pre-bid conference will be held on 19.07.2023 at 10.30 hrs IST. The prospective bidders interested to participate in this tender are requested to attend the pre-bid conference for clarifications on PQB and Technical issues, at India Security Press, Nashik. The

queries of Pre-bid conference if any, shall reach to CGM, ISP, Nashik on or before 17.07.2023 in writing by Fax/mail.

SIT : 3. Earnest Money Deposit (EMD): The required EMD, as mentioned in Section VI, List of requirements submitted along with the tender in techno-commercial offer. The EMD shall be valid for a period of 45 days beyond Bid Validity i.e. 165+45 = 210 days. Any short validity, the tender shall be treated as unresponsive. The EMD should be in the Indian Rupees only.

EMD must be submitted along with the tender in form of DD/ Bankers cheque/ FDR drawn from any Scheduled Commercial Bank in India only in favor of SPMCIL unit ISP payable at Nashik. The firm who are registered under Micro & Small Enterprises (MSE) for manufacturing of similar item may be exempted from submitting the EMD on producing valid certificate. The certificate should clearly indicate the store details similar to India Security Press requirement and the validity of the certificate (Valid up to XXXXXX) otherwise, certificate will not be considered for exemption of EMD.

SIT : 4. 0: Tender Validity

4.1. The tenders shall remain valid for acceptance for a period of 120 days after the date of tender opening prescribed in the tender document. Any tender valid for a shorter period shall be treated as unresponsive and rejected.

4.2 In exceptional cases, the tenderers may be requested by SPMCIL to extend the validity of their tenders upto a specified period. Such request(s) and responses thereto shall be conveyed by surface mail or by fax/email/ telex/ cable followed by surface mail. The tenderers, who agree to extend the tender validity, are to extend the same without any change or modification of their original tender and they are also to extend the validity period of the EMD accordingly.

4.3 In case the day upto which the tenders are to remain valid falls on/ subsequently declared a holiday or closed day for SPMCIL, the tender validity shall automatically be extended upto the next working day.

4.4 Compliance with the Clauses of this Tender Document: Tenderer must comply with all the clauses of this Tender Document. In case there are any deviations, these should be listed in a chart form without any ambiguity along with justification.

SIT : 5. : Two Bid System:

Part I: Techno- Commercial Bid (QUALIFYING CRITERIA) : First Envelope

- I. Earnest Money Deposit :** The required EMD, as mentioned in Section VI.
- II. Power of Attorney/ Authorization** with the seal of company indicating that authorized signatory is competent and legally authorized to submit the tender and/ or to enter into legally binding contract.
- III.** The eligibility criteria for the tender are given in **Section IX- Qualification/ Eligibility Criteria (PQB)**. The bidder has to submit all the desired documents and relevant documentary proof in support of relevant clauses mentioned in Section IX: Qualification/ Eligibility Criteria (PQB). The Qualifying Criteria should be submitted in original.
- IV.** Copy of PAN and GST registration certificate (for indigenous bidder).
- V.** Tender Form: As per Section X of the tender document.
- VI.** Vendor Details: As per Section XII of the tender document.

- VII.** Manufacturer's Authorisation Form: As per Section XIV of the tender document, if applicable
- VIII.** The tenderer shall submit detailed Technical offer as per Technical Specifications mentioned as per Section-VII and List of Requirement as per Section-VI of the tender document.
- IX.** The tender has to submit sealed and signed tender document by authorized signatory of the tenderer as a token of acceptance of all section/ terms and conditions of this tender document (GIT, SIT, GCC & SCC, Quality Control Requirement, List of Requirement, Technical Specification, Tender form etc.)

Part-II: Price Bid (Second Envelope):

The tenderer shall quote their prices strictly as per the proforma given in Section-XI of the Tender document. No additional/ extra item with price shall be included other than that of Section XI.

NOTE:-

- i. The envelopes containing bids (as described in Part- I and Part- II above) shall be super scribed as Techno-commercial Bid and Price Bid separately for **“Design, Detailed Engineering, Manufacturing, Supply, Installation, Testing, and Commissioning of Access Control System Cum Attendance System with Visitor Management System along with Outdoor Boom Barrier”**. The sealed envelopes shall be again put in another envelope and super scribed as tender for **“Design, Detailed Engineering, Manufacturing, Supply, Installation, Testing, and Commissioning of Access Control System Cum Attendance System with Visitor Management System along with Outdoor Boom Barrier”** due on 15:00 hrs. IST on **08.08.2023**.
- ii. If the tender is not submitted as per above format, offer/ bid/ tender will be liable for rejection.
- iii. Late Tender shall not be accepted. Tenderer shall submit their offer only on prescribed form. Tenders by fax/ email shall not be accepted. Tender by Post/hand/courier received on or before the due date and time shall be accepted. Postal delay/ delay by courier services etc. shall not be condoned, what so ever reason may be.

SIT : 6. : Opening of Tender & Evaluation Process:

6.1 In the first instance, the **Techno-Commercial** part of Tender document will be opened and considered for the evaluation. These offers/ bid will be scrutinized and evaluated by the competent committee/ authority with reference to the parameters prescribed in the eligibility criteria (**Section IX**). The technical acceptance of the bids is on the basis of **Technical Specifications** offered by the bidders as per **Section -VII** Technical Specification and Section-VI List of Requirement of the tender document and acceptance of the terms and conditions as per GIT, SIT, GCC, SCC, other conditions of tender. **Conditional offers will be liable for rejection.**

6.2 In the second stage, the Price Bid of only Techno Commercially Qualified firm offers (as mentioned first stage) will be opened for further scrutiny and evaluation.

The intimation regarding opening of price bids shall be given to qualified tenderers to enable them to attend the price bid opening, if they so desire.

SIT : 7. Price bid evaluation: In the second stage, the price bid of only Techno Commercially Qualified firm will be opened for further scrutiny and evaluation.

- a) The price quoted shall be compared on Total Price basis (FOR ISP Nashik Road) quoted for Supply Installation Testing and Commissioning with 3 (Three) years warranty including all taxes, duties, etc. and 5 (Five) years Comprehensive Annual Maintenance Contract cost including all taxes, duties, etc. (refer Section XI Price Schedule)
- b) The Initially Purchase Order will be issued for Supply Installation Testing and Commissioning basis, supply order for 5 (Five) years Comprehensive Annual Maintenance Contract will be awarded based on performance during the warranty. The evaluation criteria for awarding the contract shall be total price wise to L1 bidder schedule mentioned in **Section XI Price Bid**.

SIT : 8. Ministry of Finance, Department of Expenditure, Public Procurement Division, 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 specified countries shall be applicable to this tender. Bidders are required submit the appropriate undertaking in this regard. Salient features of this are:

(i) Any bidder from a country which shares a land border with India (excluding countries as listed in the website of Ministry of External Affairs, to which the Government of India has extended lines of credit or in which the Government of India is engaged in development projects) will be eligible to bid in this tender only if the bidder is registered with the Registration Committee constituted by the Department for promotion of Industry and Internal Trade (DPIIT). The bidders shall enclose following certificate in this regard.

"We have read the clause regarding restrictions on procurement from a bidder of a country which shares a land border with India; and solemnly certify that we are not from such a country or, if from such a country, we are registered with the Competent Authority (copy enclosed). We hereby certify that we fulfill all requirements in this regard and are eligible to be considered."

(ii) In tenders for Turnkey contracts including works contracts, the successful bidder shall not be allowed to sub-contract works to any contractor from a country which shares a land border with India unless such contractor is similarly registered with the Registration Committee constituted by the Department for Promotion of Industry and Internal Trade (DPIIT). In such cases the bidders shall enclose following certificate:

"We have read the clause regarding restrictions on procurement from a bidder of a country which shares a land border with India and on sub-contracting to contractors from such countries,; and solemnly certify that we are not from such a country or, if from such a country, we are registered with Competent Authority (copy enclosed) and we will not subcontract any work to a contractor from such countries unless such contractor is registered with the Competent Authority. We hereby certify that we fulfill all requirements in this regards and are eligible to be considered."

(iii) "Bidder" including the terms 'tenderer', 'consultant' or 'service provider' in certain contexts) means any person or firm or company, including any member of a consortium or joint venture (that is an association of several persons, or firms or companies), every artificial juridical person not falling in any of the descriptions of bidders stated hereinbefore, including any agency branch or office controlled by such person, participating in a procurement process.

(iv) "Bidder from a country which shares a land border with India" for the purpose of this Order means:-

- a) An entity incorporated, established or registered in such a country; or
- b) A subsidiary of an entity incorporated, established or registered in such a country; or
- c) An entity substantially controlled through entities incorporated, established or registered in such a country; or
- d) An entity whose beneficial owner is situated in such a country; or

- e) An Indian (or other) agent of such an entity; or
- f) A natural person who is a citizen of such a country; or
- g) A consortium or joint venture where any member of the consortium or joint venture falls under any of the above.

(v) The beneficial owner for the purpose of (III) above will be as under:

a) In case of a company or Limited Liability Partnership, the beneficial owner is the natural person(s), who, whether acting alone or together, or through one or more judicial person, has a controlling ownership interest or who exercise control through other means.

b) Explanation:

(1) "Controlling ownership interest" means ownership of or entitlement to more than twenty-five per cent of shares or capital or profits of the company.

(2) In case of a partnership firm, the beneficial owner is the natural person(s) who, whether acting alone or together, or through one or more juridical person, has ownership of entitlement to more than fifteen percent of Capital or profits of the partnership.

(3) In case of an unincorporated association or body of individuals, the beneficial owner is the natural person(s), who, whether acting alone or together, or through one or more juridical person, has ownership of or entitlement to more than fifteen percent of the property or capital or profits of such association or body of individuals;

(4) Where no natural person is identified under (1) or (2) or (3) above, the beneficial owner is the relevant natural person who holds the position of senior managing official.

(5) In case of a trust, the identification of beneficial owner(s) shall include identification of the author of the trust, the trustee, the beneficiaries with fifteen percent or more interest in the trust and any other natural person exercising ultimate effective control over the trust through a chain of control or ownership.

(vi) An Agent is a person employed to do any act for another, or to represent another in dealings with third person.



SECTION IV: GENERAL CONDITION OF CONTRACT (GCC)

Please refer the below link for further details:

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

BIDDERS ARE REQUESTED TO DOWNLOAD 36 PAGES BY CLICKING THE ABOVE SAID LINK AND SUBMIT THE SAME DULY STAMPED AND SIGNED ALONG WITH TENDER DCOUMENT.

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)

S. No.	GCC Clause No.	Topic	Modify/ Substitute/ Supplement	SCC Provision
1	1.2	Abbreviations:		As Applicable
2	6.1, 6.3 & 6.5	Performance Bond/ Security	Modify	SCC 1 (Mentioned below)
3	8.2	Packing and Marking		As Applicable
4	9	Inspection and Quality Control	Modify	SCC 2 (Mentioned below)
5	11.2	Transportation of Domestic Goods	Modify	SCC 3 (Mentioned below)
6	12	Insurance		SCC 4 (Mentioned below)
7	14.1	Incidental Services		As Applicable
8	15	Distribution of Despatch Documents for clearance/ Receipt of Goods		As Applicable
9	16.2, 16.4	Warrantee Clause	Modify	SCC 5 (Mentioned Below)
10	19.3	Option Clause		As Applicable
11	20.1	Price Adjustment Clause		Not Applicable
12	21	Taxes and Duties	Modify	SCC 6 (Mentioned Below)
13	22	Terms and Mode of payments		SCC 7 (Mentioned Below)
14	24.1	Quantum of LD		SCC 8 (Mentioned Below)
15	25.1	Bank Guarantee and Insurance for Material Loaned to Contractor		Not Applicable
16	33.1	Resolution of Disputes		As applicable
17	36.3.2, 36.3.9	Disposal/ Sale of Scrap by Tender		Not Applicable

SCC 1 Performance Bond/ Security: The successful bidder has to submit Performance Bond/ Security equivalent to 3% of the order(s) value, valid for a period of 60 days beyond the completion of all contractual obligations, within 21 days from the date of issue of Notification of Award of Contract.

The Performance security shall be denominated in Indian Rupees in one of the following forms:

- Account Payee Demand Draft or Fixed Deposit Receipt drawn on any commercial bank in India, in favour of India Security Press, Unit SPMCIL.
- Bank Guarantee issued by a commercial bank in India, in the prescribed form as provided in section XV of this document.
- If CAMC is awarded based on performance during warranty period, then Firm has to be provided 3% security deposit of annual CAMC amount before placement of CAMC order.

SCC 2: Inspection and Quality Control:

Final acceptance test and certificates:

- Complete Supply and Installation as per specifications and scope of work.
- Complete documentation and license (if any) and media handover (if any).

- (c) Checking of all features under working condition.
- (d) Trouble-free operation for 10 days is to check the storage size is as per retention period of 90 days.
- (e) Maintaining spares inventory as per SPARES Clause.
- (f) Completion of work after following all standard safety and environment norms.
- (g) All the relevant certificates to specified standard is to be provided

SCC 3: Transportation of Domestic Goods: The transportation of goods to be procured will be done by the supplier on FOR ISP Basis. The total cost of the transportation should also be indicated in the price bid of the item to be procured.

SCC 4: Insurance: Specific Insurance cover for each consignment /supply is to be given by the firm, as applicable.

SCC 5: Warrantee Clause: Complete system and its all components will be under comprehensive warranty for 03 years from the date of issue of Final Acceptance Certificate.

SCC 6: Taxes and Duties: If the tenderer fails to include taxes and duties as per law of the land in the tender, no claim thereof will be considered by purchaser at a later stage.

SCC 7: Terms and Mode of Payment:

(a) The payment term is 100% Payment shall be released after receipt of entire material, its inspection & acceptance at ISP & after successful Design, Detailed Engineering, Manufacturing, Supply, Installation, Testing, and Commissioning of Access Control System Cum Attendance System with Visitor Management System along with Outdoor Boom Barrier in satisfactory condition & on submission of Final Acceptance Certificate issue by ISP, Nashik & submission of bill and certification of the bill by the Officer in-charge / User Department within 30 days.

(b) Payment Terms for CAMC: During CAMC, if provided, payment will be made on quarterly basis on submission of bill and certification of the bill by the Officer in-charge/ User Department within 30 days .

OR

(a) i) 80% Payment (item No. 1 to 17 of Technical Specification point 5; Tentative Bill of Material) shall be released after receipt of entire material at ISP for Design, Detailed Engineering, Manufacturing, Supply, of Access Control System Cum Attendance System with Visitor Management System along with Outdoor Boom Barrier & submission of bill and certification of the bill by the Officer in-charge / User Department within 30 days.

Subject to :

ii) The firm has to submit additional 80% Bank Guarantee of the Contract value for the period of 01 year before releasing the 80% payment by India Security Press. The additional 80% value Bank Guarantee will be released after issue of FAT.

iii) 20% Payment towards cost of Design, Detailed Engineering, Manufacturing, Supply of Access Control System Cum Attendance System with Visitor Management System along with Outdoor Boom Barrier on successful Installation, Commissioning, testing and Training and issue of Final Acceptance Certificate issued by the Purchaser, submission of bill and certification of the bill by the Officer in-charge / User Department within 30 days.

iv) 100% payment towards cost of Installation, Testing & Commission (Sr. No. 18 of Technical Specification point 5; Tentative Bill of Material) after issue of Final Acceptance Certificate issued by the Purchaser, submission of bill and certification of the bill by the Officer in-charge / User Department within 30 days.

SCC 8: Quantum of LD: Subject to GCC clause 28, if the supplier fails to deliver any or all of the goods or fails to perform the services within the time frame(s) incorporated in the contract, SPMCIL shall, without prejudice to other rights and remedies available to SPMCIL under the contract, deduct from the contract price, as liquidated damages, a sum equivalent to the ½% percent (or any other percentage if prescribed in the SCC) of the delivered price of the delayed goods and/ or services for each week of delay or part thereof until actual delivery or performance, subject to a maximum deduction of the 10% (or any other percentage if prescribed in the SCC) of the delayed goods' or services' contract price(s). During the above-mentioned delayed period of supply and / or performance, the conditions incorporated under GCC sub-clause 23.4 above shall also apply. In all such cases GST would also be applicable on LD.

Section VI: List of Requirements

Sch No.	Brief Description of Goods/ services	Quantity (with unit)	Earnest Money (in Rs)	Place of Delivery for GST Purpose
1	Design, Detailed Engineering, Manufacturing, Supply, Installation, Testing, and Commissioning of Access Control System Cum Attendance System with Visitor Management System along with Outdoor Boom Barrier	01 AU	Rs. 5,00,000/- (Rupees Five Lakh only)	India Security Press, Nashik Road- 422101. Maharashtra, India

(a)	Required Delivery Schedule	:	The Successful bidder has to <i>Design, Detailed Engineering, Manufacturing, Supply, Installation, Testing, and Commissioning of Access Control System Cum Attendance System with Visitor Management System along with Outdoor Boom Barrier</i> at ISP within 90 days from the date of issue of Notification Award of Contract FOR, ISP basis.	
(b)	Required Terms of Delivery	:	On FOR ISP Basis.	
(c)	Destination	:	India Security Press, Nashik Road-422101. Maharashtra, India	
(d)	Preferred mode of transportation	:	By Road (FOR)	

1. All the copies of tenders shall be complete in all respects with all their attachments/ enclosures duly numbered and signed on each and every page.

2. The total cost should be inclusive of all elements as cited above on FOR India Security Press, Nashik Road (Maharashtra), India, basis.

3.1 The Bidder has to submit the Check list as per Format given below along with the Techno-commercial Documents (**First Envelope**)

Sr. No.	Description	Submitted /Not Submitted	Page No.
1)	EMD (Rs. 5,00,000/-)		
2)	Documentary evidence towards Experience as per clause 1 (a) of section IX.		
3)	Documentary evidence towards capability as per clause 1 (b) of section IX.		
4)	Documentary evidence towards Financial data as per clause 1 (c) of section IX.		
5)	Undertakings/Declarations as per clause 3- (a), (b) & (c) of section IX.		
6)	Power of Attorney/ Authorization with the seal of company indicating that authorized signatory is competent and legally authorized to submit the tender and/ or to enter into legally binding contract as per clause 6.4 of section IX.		
7)	Copy of PAN & GST Registration as per clause No. 5 & 6 of section IX.		
8)	All pages of the tender documents (including GIT, GCC, SIT, SCC, List of requirements, Technical specification, quality requirements, etc.) duly signed and stamped by the Authorized signatory of the bidder.		
9)	Adherence to the Technical Specification as per Section VII on Bidder's Letter		

	Head and other required information.		
10)	Adherence to the Quality Control Requirements as per Section VIII on Bidder's Letter Head.		
11)	Adherence to the Delivery Schedule as per Section VI on Bidder's Letter Head.		
12)	Duly filled section X: Tender form alongwith required documents		
13)	Vendor details as per section XII: alongwith required documents		
14)	NEFT Mandate as per section XIX		
15)	Undertaking for land border sharing criteria SIT: 8 of Section III.		

3.2 The Bidder has to submit the Check list as per Format given below along with the Price Bid (**Second Envelope**):

Sr. No.	Description	Submitted / Not Submitted	Page No.
1.	Duly filled Section XI: Price bid		

SECTION VII: TECHNICAL SPECIFICATIONS

Annexure I

ACCESS CONTROL SYSTEM PROJECT FOR ISP, NASHIK

1. INTRODUCTION

India Security Press, Nashik(ISP) intend to install biometric based Access Control System with full height double & single lane turnstile gates, Grill Gate along with required items & Services for the Main Entry Gates and also inter-sectional access of ISP. The proposed system shall be based on open architecture and shall be possible to integrate with other vendor independent security systems. The system shall provide access control based upon authentication method as Finger Print, Face Recognition, Mi-Fare card or any combination of them. The offered system shall allow for expansion in future. The system should be scalable and it should be possible to integrate with other 3rd Party security systems like Fire Alarm, Intrusion Detection System, GTMS, power fencing. The offered system OEM for Hardware and Software shall have sales & service office in India.

2. GENERAL

- 2.1 The India Security Press, Nashik factory premises is accessed by its employees, vendor, contract employee, short-term contract personnel, long-term contract personnel, visitors, CISF personnel on daily basis.
- 2.2 All employees, contractual personnel, CISF personnel and visitors, gaining access to facilities will have to follow, one of the authentication mechanisms – biometric + card, card only, biometric only for verification, subsequently upon successful verification, access shall be granted & gates should open for the personnel.
- 2.3 Entry and exit will follow same procedure. All entry and exit details of the personnel shall be captured by the system.
- 2.4 Existing mi-fare card being used at ISP shall work with the proposed system of ISP.
- 2.5 System shall consist of Turnstile (Single/Dual lane) gates, Boom Barrier, Finger Print cum Face Recognition cum Smart Card readers, Finger cum Face & Smart Card enrolling stations, Servers, PCs etc. & associated Ethernet cable, power cable, civil works, MS Grill to cover the gap and any other miscellaneous work to complete the project.
- 2.6 Genuinity/Authenticity certificate needs to be provided from OEM for all major component used in the system at the time of supply.
- 2.7 The proposed Access Control System should be integrated with existing SAP ERP, Access Control System.
- 2.8 Access Control of Regular employee, Contract Employees & Suppliers/visitor.
- 2.9 All the PC/Server systems shall be protected by Server-Client based Anti-Virus software.
- 2.10 The offered system shall allow for expansion in future.
- 2.11 The System is required to be fully operational round the clock on 24 x 7 basis.
- 2.12 Supplier & offered system has to adhere to the Company IT Policy.
- 2.13 The successful firm will have to give the escalation matrix for their service personnel.
- 2.14 Bidders are strongly advised to visit the site before quoting in order to completely understand the scope, requirement & site condition before quoting.
- 2.15 The tender person/company shall demonstrate his competence with the equipment (software & hardware) he is tendering:
2.15.1 The tender person/company shall obtain a certificate from OEM of ACS Software & Biometric Devices stating the name of the company and a statement that it has sufficient competence in Software and Hardware to install the tendered equipment.
- 2.16 Proof of Concept (POC): Bidder need to demonstrate below mentioned use cases at bidder site-

- 1) Features of Software such as but not limited to Guard Tour, audit trail, Gates online monitor, record retention, backup, zone and access area, Failover change, alarms, Time and Attendance, enrollment and duplicate enrollment avoidance, fail safe and fail secure operation, Antipass back.
- 2) Demonstration of authentication modes on reader and it's follow up action as per software configuration.
- 3) Demonstration of failsafe / opening of gate in case of Fire by taking input from fire alarm system.

The purpose / objective of the POC shall be to determine that the end to end solution proposed by the bidder meets the actual functional & technical requirement of the project and also to check capability of the bidder. Failing POC means, the firm is technically unsuitable. For POC, advance notice of 15 days will be given.

3. SCOPE OF WORK:

3.1 The scope of work includes Design, supply, assembly, installation, testing, erection, integration, commissioning, software integration, training and performance testing of the complete BIOMETRIC BASED ACCESS CONTROL SYSTEM.

3.2 The firm will have to carry out detail engineering, preparation and submission of all drawings as specified in this specification including preparation and submission of area wise bill of materials, layout and erection drawings showing location of all system equipment and components, power and data cables for IP network, cable tray/rack and conduit routing.

3.3 This is a turnkey project. Supply, Installation, Integration of components, enrollment, support work, related civil works, electrical works, cable laying, filling up gap, supply & installation of MS Grill etc. in order to make the system working as per the requirement falls under the scope of work. Any items not specifically mentioned in the document but is required to achieve the full functionality of the system has to be provided by Bidder without any additional cost.

3.4 It shall include SITC on Turn Key basis of all components & accessories including secondary power supplies for back up and fail safe operation i.e. hardware, software, supports, data cables, UPS, storage, client operator PC, servers, CAT 6 cables, Optical Fiber cable, markers, power cables & conduits, software and software integration, earthing to the equipment, mounts, structures, etc. as required for the satisfactory operation of the system.

3.5 This will include fixing of turnstile gates (as per site requirement) complete with required civil and fabrication works, creating backbone for the system by laying the required data and power cables, laying & termination/splicing of all cables, fixing of cable trays, conduits, installation and commissioning of all items supplied under.

3.6 Scope of works includes supply & install of MS Grills, to cover-up the open gaps/Area after installation of Turnstile Gates.

3.7 Mounting & installation of Servers, Readers, Controllers, Switch, Racks and connecting to network.

3.8 Installation and configuration of Core Switch, Access Switch etc.

3.9 Integrating the whole system for optimum performance.

3.10 Erection and commissioning of networking e.g., cables (UTP/OFC thru' conduit/cable tray), network panels, switches, enclosure, switch media converter, LIU, patch cords etc.

3.11 The firm shall bear full responsibility for all kinds of maintenance which include periodic maintenance as well as attending to all break-down and emergency calls at short notice whenever called during the Warranty and CAMC period.

3.12 All the software's supplied shall be licensed software's.

3.13 Providing Application software OEM copies along with license keys and passwords.

3.14 The Warranty period will start only after issue of Final Acceptance Certificate.

3.15 All flexible cables shall be laid in GI/PVC Casing Capping (Industrial) conduits/flexible PVC conduits with proper markings.

3.16 Scope includes Erection and commissioning of all the interfaces.

3.17 Installation and configuration of all the software's e.g., ACS Software, Antivirus, Reader & Controller driver & software loading & configuration.

3.18 Bidder shall supply and install the, necessary CAT6 interconnecting cables, patch cords, jacks, patch panels for Ethernet and OFC, trays, conduits, and other accessories as required for the satisfactory operation of the system along with any other devices and components for completion of the systems.

3.19 The firm will have to Supply install Test and commission Earthing system for the whole system.

3.20 The supplier shall inform day-to-day progress of the work to the Engineer In Charge /authorized representative from ISPN.

3.21 All the cabling of new system shall have separate identification markers/cables tags of permanent nature with clear marking for easy identification of the individual camera/zone/cabling.

3.22 All the cabling, conduit and installation shall be laid as per relevant standards or practice in vogue and shall have aesthetic look.

3.23 Identification tags to be installed on each cable.

3.24 Any additional equipment, components, and/or changes in design of equipment to fulfill the operational requirements, even though not explicitly mentioned shall be under the scope of bidder.

3.25 Electrical Works:

3.25.1 Electrical cabling of system components, UPS, Supply Installation & commissioning of Distribution Boards, UPS DB loaded with MCB all under scope of supplier.

3.25.2 The power is to be tapped from source as per instruction of Electrical Section manager of ISP, Nashik.

3.25.3 All electrical components to be supplied & installed shall have ISI marks and heavy duty to work in industrial environment.

3.26 Civil Works: Civil works to meet the system requirement would be under the scope of supplier such as but not limited to –

3.26.1 Civil works involved in erection & installation of Turnstile Gates, Flap Barriers etc.

3.26.2 Civil works involved in laying of cables underground. It involves digging and refilling of hard/soft soil, Preparation of Testing chambers at distance of every 200m, laying along with bricks and sand, installation of cable route markers.

3.26.3 Any damage to false ceiling/ civil structure etc. during the execution of work the firm has to repair the same without any additional cost.

3.26.4 Civil work for Canopy work will be in ISP scope.

3.27 Cable(s) shall be laid in underground trenches, ducts, channels, tunnels, on racks, trays, in HDPE pipes along structure or buildings as per the site conditions. The cable shall be laid in underground trenches through GI pipe specially when laid through rail crossing, road crossing, hard standing etc.

3.28 The SELLER shall do fabrication/ modification work, if any, involving erection of cable supporting structures, welding/ gas cutting, etc. at site as per the actual requirements.

3.29 All cables shall be tested for proper continuity and insulation as per the statutory standards/ rules before laying.

3.30 The selected vendor shall have to customize the access control application software as per the various requirements mentioned in this tender.

3.31 Registration of all the existing regular entrants of ISP, Nashik as on date (employees and contract staff) shall be done by the vendor. Necessary training will be provided by the vendor to concerned staff of ISPN.

3.32 Connecting of all the active elements with the proposed network through laying of network cable at one point in each location (CAT6 from ACS server) including all network provisions for TCP / IP with I/O Boxes.

3.33 All required power wiring etc. from the Centralized UPS room for the system is under the scope of supplier. All electrical works for the same is under the scope of supplier.

3.34 All the gaps (b/w nearest wall and installed structure) after installation of Gates and Boom Barrier have to be covered with MS Grill so that access can be made only through the ACS system. All civil works for the same is under the scope of supplier.

3.35 LAN Management like Switch configuration, router configuration (if required) will be under the scope of supplier.

4. SYSTEM DESIGN, REQUIREMENT & DETAILED TECHNICAL SPECIFICATION:

4.1 The proposed system shall be a secure & fail-proof layer in the overall plant security system employing an industry- standard & internationally acceptable encryption mechanism of 256 bit or more.

4.2 ACS (Access Control System) shall be designated to be adaptable/confirming to prevailing International / Indian standard (e.g. ISO/IEC, UID) and based on open standards platform. The system shall be inter-operable.

4.3 The proposed system shall be scalable and it should be possible to integrate the same with other security system such as Fire Alarm System and Perimeter Intrusion Detection System. Bidder shall provide the list of supported FAS, System, IDS that are supported by the offered system.

4.4 The Supplier has to provide the SDK (Software Development Kit)/ API Documentation along with the proposed system without any additional cost.

4.5 The system shall adhere to a centralized architecture, with centrally located application.

- 4.6 ACS shall have a centralized architecture with a centralized server hosted at ACS Server Room for ISPN Office. However, bidder has to ensure that all gate controllers shall work independently (i.e. all operation of gate shall continue to work during failure of communication between ACS server and Gate controller). It shall deploy a very high level of encryption technology, minimal points of failures, scalability, & Industry Standard redundant architecture, and an extremely essential conformance to a well-documented Failure- to- safety policy framework. The central location shall have a robust ACS server and a fail over server, an appropriate data backup / archiving system.
- 4.7 Failover Method: Supplier shall provide at least two servers 1st Primary Server and 2nd Secondary Server. Secondary server will be a Hot Standby of Primary Server that will act as Primary Server in case of unavailability (due to any reason) of Primary Server. The primary application server should be in failover configuration. Secondary server should active in case of primary server failure and provides uninterrupted service. All Database Instances, System Software, Communication System shall be in Cluster mode.
- 4.8 The System shall have Anti-Pass Back (Global Antipas back, Local Antipas back, Area Antipas back, Soft Antipas back) back feature.
- 4.9 ACS shall have different access levels which should be configurable through centralized application at Reader/Gate level and have facility to create zone involving one or more gates.
- 4.10 **ACS shall store all access records including all the transaction history associated with them for at least 10 years. Accordingly, bidder has to provide the storage size of server HDD over & above the minimum size as specified in sever technical specification.**
- 4.11 ACS system shall provide an archiving facility which can be used to archive old transactions of system.
- 4.12 Security check point shall have a panic switch (at three locations of ISPN) to be used in emergency/duress situation with a control for allowing free passage (all door unlock) in case of emergency evacuation.
- 4.13 Network connectivity shall be built by the vendor to match the system requirement.
- 4.14 The vendor shall deliver all required system and Application Software for a fully functioning system. The software provided by the vendor to operate the system shall be delivered in a ready-to-run form, including all necessary utility programs.
- 4.15 All software licenses shall be provided as required. Renewable or subscription licenses shall not be used. The vendor shall ensure that updates and upgrades to the application software are provided and applied without any cost implication and that upgrades are compatible to the customization of ACS including interfaces.
- 4.16 The vendor shall conduct training programs for ISPN staff, with the perspective of system administrator and application management.
- 4.17 All the software provided by the vendor should be licensed to ISPN.
- 4.18 All the customization as proposed by ISPN for the software supplied would be under the scope of supplier. Common Features –
- 4.18.1 Anti-Pass back.
 - 4.18.2 Door Held Open.
 - 4.18.3 Custom Alarms.
 - 4.18.4 Custom Access Level and Zones.
 - 4.18.5 Setup Start and Expiry Date for Cardholders access.
- 4.19 Custom Reports – IN/OUT Report, Login System Report, No. Person under a zone report, Controller Alarm Report, Controller configuration change report, Audit trail report, Hours inside access area report, Work Duration Report, Readers Status Reports, Gates Status Report, Error Reports etc. Report shall be exported in EXCEL/PDF.

- 4.20** SAP Format P10/P20 report or any other customized report for Integration with SAP ERP.
- 4.21** Backup & Restore: Fail proof and stable backup and restore system for the access control system application, data and configuration.
- 4.22** UPS backup for whole system with 4 hrs. Back-up time. Providing battery is under scope of supplier.
- 4.23** It shall be an intelligent & integrated security system, based on TCP/IP protocol that provides configurable and controlled access at ACS gates. The configuration scheme shall be under the secure control of the system Owner/designated super-user.
- 4.24** The system shall monitor attempted unauthorized entry & other incidents and alarm and report/log those for alarm notification & further action.
- 4.25** Authentication at Gates reader should be Face + MiFareCard (Contactless), Finger + MiFare Card, Face only (Contactless), Only MiFareCard (Contactless), Only Finger.
- 4.26** Access can be given for certain period interval and access should automatically be disabled after the expiry of such period.
- 4.27** In terms of the scope, the vendors shall design, supply, install, commission, and conduct performance tests of the Access control System.
- 4.28** All gate controllers/readers shall be connected through TCP/IP with servers at the central location.
- 4.29** Clock/Time Sync: All the elements of the system shall sync time with a central server. No manual setting/regular work to be done for the regular date & time sync. All necessary items & work required for a central date & time server will be in the scope of supplier. Vendor shall ensure that all the elements of ACS system shall take date & time from the central date & time server configured by the Vendor as part of the system. There should be option to configure periodic auto time sync to all active elements of the system.
- 4.30** System elements (Readers/Controllers/Servers etc.) shall have feature of auto date & time sync at a particular time (defined by user) every day.
- 4.31** The system shall provide future system expansion capability, through the use of scalable hardware and software solutions.
- 4.32** The power supply available to the electrical loads of the system is 230V, 50/60Hz, single phase supply AC.
- 4.33** The electronic circuits used in the system shall be of solid-state fail-safe design and be provided with proper coating to have resistance to humidity and corrosion which enables the operation from being impaired by dust and dirt.
- 4.34** The system shall have flexibility for up gradation and expansion in all respects depending on future requirements with standard modules.

5. Tentative Bill of Material

Sr. no.	Item Description	Min. Qty	UoM
1	Single Lane Full Height Turnstile Gate Photo studio, Forgery Cell-	2	No.
2	Double Lane Full Height Turnstile Gate Workshop Gate, , Green Gate,, Black Gate,APMS, UNO, DSB Entrance, New Wing Entrance	11	No.
3	ENTRY Biometric (Finger Print and face recognition) cum Smart Card readers	27	No.
4	EXIT Biometric (Finger Print and face recognition) cum Smart Card readers	27	No.
5	Boom Barrier Outdoor for Vehicle Access	1	No.

6	Card cum Biometric (Finger Print and Face) Enrolling Station	2	No.
7	Full Height Metal Wicket Gates with Lock system & grill to cover adjacent gap	6	Nos.
8	Card Printer with Required Licenses and required power supply arrangements.	1	Nos.
9	Server in Hot Standby Configuration Primary Server - 01 Nos. Standby Server - 01 Nos. With all requisite licenses of S/W, OS, DB, Backup S/W, Server health Management S/W, Anti-virus S/W and Support.	2	No.
10	6 Bay Tower/Rack Based Network Attached Storage, HDD Loaded	1	No.
11	Client PC	4	No.
12	8 Port Network Switch layer 2 managed with 2 SFP loaded	8	No.
13	24 Port Network Switch layer 2 managed with SFP loaded	3	No.
14	42U Rack for mounting of Access Control Rack Mount Server	1	No.
15	ON-LINE Un-Interrupted Power Supply 10 KVA (UPS) (As per actual Load of the system) Along with Battery for 4 hrs. backup	2	No.
16	LaserJet Network Printer	2	No.
17	Access Control Software with Hot standby License of ACS, Data Base, any other applicable license for having Hot Standby Mode of Operation. Feature- Attendance Management System, Access Control System	1	AU
18	Complete Installation as per scope and any other items or work not covered above but required to make the system complete on Turnkey Basis. (Such as field Network Rack (12U/6U), electric and OFC Cabling, Civil, Electrical, Mechanical Work along digging work), Installation and commissioning of various items and to integrate with the Server, Manpower during warranty period.	1	Lumpsum

6. Technical Specification:

6.1. Biometric ENTRY readers for Full Height Turnstile with in-built/external door access controller		Compliance (Yes/No)
Approved Vendor / Make:	PALMSURE / SCHNEIDER / MATRIX / HONEYWELL / SUPREMA / ROSSLARE/ RBH or Equivalent	
Make & Model	*(To be quoted by Bidder)	
1. Biometric Reader should support authentication like Face Recognition, Fingerprint, Contactless Card & PIN for providing multi factor authentication by reading the Face, Fingerprint & combinations. The proposed device should have ability to support biometric and non-biometric authentication modes like Card & PIN also.		
2. Biometric Reader device should be intelligent enough to prevent the kind of security breach by determining whether a face in a video stream is "live" or a photograph.		
3. Device should be able to support the " Walk Through Type " where device can read the user's face from a distance from 0.5meter to 3 meters and		

authentication distance should be configurable in the device menu.	
4. Device should support the easy Face enrollment method by enrolling from Terminal.	
5. Device should be able to detect the Fake Fingerprints when placed on the sensor. It should not read the fake fingerprints made of any chemical composition such as Rubber, Silicon, Gel, Paper, Thin film etc.	
6. Device should have 500 DPI Optical Sensor with FBI PIV certification.	
7. Device should be manufactured using the latest and most accurate state of the art Face Recognition Technology like reading Live Face only, biometric technology like Fake Fingerprint Detection, Auto Push and shall support high speed processing.	
8. Device should support ANDROID or equivalent Operating System (OS) with min. 1GHz Quad Core Processor or better for fast processing and along with min 16GB Flash Memory and 2 GB RAM or better	
9. Display should have min 5" Color LCD/LED with enhanced touch sensitivity and shall be capturing & displaying USER's picture on main screen after authentication for valid / invalid logs both along with other credentials like Name/ User ID, Time etc. Under ideal condition, Date and Time shall be displayed on the screen.	
10. Device should be able to store minimum 5000 Faces, 5000 card user, 50,000 Fingers & shall not be dependent on any server for storage of Face/Finger/Card & hence storage capacity shall not be divided between terminal & server.	
11. Device should be able to store up to 25,00,000 IN/OUT logs along with min. 15,000 picture logs.	
12. Device should be able to upload/transfer punch information of employees on real time basis to the server. There should be no batch process required.	
13. Device should be able to perform in 1:1 & 1: N authentication modes.	
14. Device should support Mask/No Mask detection feature. It should be configurable in the menu with various options like Restricted / Guided / Mandatory etc..	
15. Device should support Multi-Face detection feature. It should be able to detect min 2 users face at the same time for face recognition, although feature should not be mandatory & configurable in menu.	
16. Device should be compatible with Thermal Module/Camera for body temperature scanning & should display the body temperature on screen in F/°C along with threshold limit.	
17. Connectivity: I/O Interface, RS 232 / RS 485, TCP/IP, USB	
18. Device should have min 2MP camera to capture the picture of authorized or unauthorized users & shall be transferring the same to server on real time basis w/o any delay unless network is down. It should support 0 lux to 25000 lux for extreme dark environments to outdoor lighting conditions. The authentication must be possible in Irregular Lighting Recognition 5 ~ 15,000 Lux.	

19. Device should support Anti Pass back feature& shall be configurable user wise.	
20. Device should support Duress fingerprint and Password option. In case of emergency, system should send Duress finger/PIN Alarm to Server.	
21. Device should support Blacklist& Expiry Employee configuration. It should send an alert to software if a blacklist & Expire employee punch.	
22. The access permission should be less than equals to 1 second & enrollment process shall not take more than 30 seconds for Face.	
23. 0.0001% FAR / 0.1% FRR in Ideal Conditions	
24. Device should communicate with central server using TCP/IP protocol over Ethernet or Internet, 10/100 Mbps auto sensing Ethernet with DHCP, IPv4.	
25. It shall be capable to provide a unique tone and / or tonal sequence for various status conditions such as access granted / denied.	
26. It should be possible to configure, manage, and diagnose multiple geographically dispersed readers from a central application	
27. Device should have full functionality in off-line mode. It should be able to send all events once connectivity is re-established (employees must be able to punch- in/out for shift or break off line).	
28. System should give warning alarm in case of tampering with machine	
29. Software / Firmware updates should be possible through network/communication Port. To be provided free of cost during operational period	
30. In the event of reader communication failure / tempering, it shall be capable of being detected by the server and appropriate alarms shall be generated at workstations / server. Fault of one reader should not affect the operations of other readers in the network.	
31. Device should be able to display global message against verified user that has been defined in the software. Should be capable of displaying global messages for all users and multimedia features like advertising, notices.	
32. Device should have built-in RTC Calendar. Should be able to sync the clock with the server.	
33. Device Should Support Power Saving Mode	
34. Device operating temperature range from 0 to 50°C. The device should support humidity< 90%	
35. CE /BIS	

6.2. Biometric EXIT readers for Full Height Turnstile with in-built/external door access controller		Compliance (Yes/No)
Approved Vendor / Make:	PALMSURE / SCHNEIDER / MATRIX / HONEYWELL / SUPREMA / ROSSLARE/ RBH or Equivalent	
Make & Model	*(To be quoted by Bidder)	
1.	Biometric Reader should support authentication like Face Recognition, Fingerprint, Contactless Card & PIN for providing multi factor authentication by reading the Face, Fingerprint& combinations. The proposed device should have ability to support biometric and non-biometric authentication modes like Card& PIN also.	
2.	Biometric Reader device should be intelligent enough to prevent the kind of security breach by determining whether a face in a video stream is "live" or a photograph.	
3.	Device should be able to support the " Walk Through Type " where device can read the user's face from a distance from 0.5meter to 3 meters and authentication distance should be configurable in the device menu.	
4.	Device should support the easy Face enrollment method by enrolling from Terminal.	
5.	Device should be able to detect the Fake Fingerprints when placed on the sensor. It should not read the fake fingerprints made of any chemical composition such as Rubber, Silicon, Gel, Paper, Thin film etc.	
6.	Device should have 500 DPI Optical Sensor with FBI PIV certification.	
7.	Device should be manufactured using the latest and most accurate state of the art Face Recognition Technology like reading Live Face only, biometric technology like Fake Fingerprint Detection, Auto Push and shall support high speed processing.	
8.	Device should support ANDROID or equivalent Operating System (OS) with min. 1GHz Quad Core Processor or better for fast processing and along with min 16GB Flash Memory and 2 GB RAM or better	
9.	Display should have min 5" Color LCD/LED with enhanced touch sensitivity and shall be capturing & displaying USER's picture on main screen after authentication for valid / invalid logs both along with other credentials like Name/ User ID, Time etc. Under ideal condition, Date and Time shall be displayed on the screen.	
10.	Device should be able to store minimum 5000 Faces, 5000 card user, 50,000 Fingers & shall not be dependent on any server for storage of Face/Finger/Card & hence storage capacity shall not be divided between terminal & server.	
11.	Device should be able to store up to 25,00,000 IN/OUT logs along with min. 15,000 picture logs.	
12.	Device should be able to upload/transfer punch information of employees on real time basis to the server. There should be no batch process required.	
13.	Device should be able to perform in 1:1 & 1: N authentication modes.	

14. Device should support Mask/No Mask detection feature. It should be configurable in the menu with various options like Restricted / Guided / Mandatory etc..	
15. Device should support Multi-Face detection feature. It should be able to detect min 2 users face at the same time for face recognition, although feature should not be mandatory & configurable in menu.	
16. Device should be compatible with Thermal Module/Camera for body temperature scanning& should display the body temperature on screen in F/°C along with threshold limit.	
17. Connectivity: I/O Interface, RS 232 / RS 485, TCP/IP, USB	
18. Device should have min2MP camera to capture the picture of authorized or unauthorized users & shall be transferring the same to server on real time basis w/o any delay unless network is down. It should support 0 lux to 25000 lux for extreme dark environments to outdoor lighting conditions. The authentication must be possible in Irregular Lighting Recognition 5 ~ 15,000 Lux.	
19. Device should support Anti Pass back feature& shall be configurable user wise.	
20. Device should support Duress fingerprint and Password option. In case of emergency, system should send Duress finger/PIN Alarm to Server.	
21. Device should support Blacklist& Expiry Employee configuration. It should send an alert to software if a blacklist & Expire employee punch.	
22. The access permission should be less than equals to 1 second & enrollment process shall not take more than 30 seconds for Face.	
23. 0.0001% FAR / 0.1% FRR in Ideal Conditions	
24. Device should communicate with central server using TCP/IP protocol over Ethernet or Internet, 10/100 Mbps auto sensing Ethernet with DHCP, IPv4.	
25. It shall be capable to provide a unique tone and / or tonal sequence for various status conditions such as access granted / denied.	
26. It should be possible to configure, manage, and diagnose multiple geographically dispersed readers from a central application	
27. Device should have full functionality in off-line mode. It should be able to send all events once connectivity is re-established (employees must be able to punch- in/out for shift or break off line).	
28. System should give warning alarm in case of tampering with machine	
29. Software / Firmware updates should be possible through network/communication Port. To be provided free of cost during operational period	
30. In the event of reader communication failure / tempering, it shall be capable of being detected by the server and appropriate alarms shall be generated at workstations / server. Fault of one reader should not affect the operations of other readers in the network.	

31. Device should be able to display global message against verified user that has been defined in the software. Should be capable of displaying global messages for all users and multimedia features like advertising, notices.	
32. Device should have built-in RTC Calendar. Should be able to sync the clock with the server.	
33. Device Should Support Power Saving Mode	
34. Device operating temperature range from 0 to 50°C. The device should support humidity < 90%	
35. CE/BIS	

6.3 Indoor Type Single Lane Stainless Steel Full Height Turnstile Gates.		Compliance (Yes/No)
Approved Vendor / Make:	OPTIMA / KABA / AUTOMATIC SYSTEM / MAXIMA BGI Engitech / MAGNETIC / BOONEDAM / FAAC / GUNNEBO or equivalent	
Model:	*	
Installation location	Printing Industry	
Type	4 Arms, 90 Degree spacing, Bi-Directional, Single Lane	
Transit Speed	*	
Electro-Mechanical Head movement	Required	
Access Control Interface	With Biometric (Face & Finger) Cum Smart Card Reader	
Drive	Electro mechanic drive or motorized	
Material	Complete turnstile including case work & frames, rotor column shall be of SS 304 or better. Galvanized. Rotor Arm: In case of straight arms: Arm Tube Diameter – 32mm or more Min no. of arms – 10 or more evenly spaced Designed in such a way that adult men cannot pass through it. OR In case of U-shaped arms Arm Tube Diameter – Min. 20mm or more Min no. of arms: 8 or more Designed in such a way that adult men cannot pass through it.	
Operating mode	Normally closed	
Self-centering mechanism	Yes. Required to ensure complete rotation of head to rest position	
Auto Relock	Auto relock after predetermined time if no action is detected	
Anti-backup device	Required to prevent reverse rotation	

Dampening System	Required for smooth & noise-free operation	
LED Indication	Required to indicate pass-through or access denied on both sides of gates	
Response Time	*	
On Power failure	Unit remains locked or unlocked during power fail.	
Input Power supply	110-240 V AC 50/60 Hz	
Operating Voltage	*	
Dimensions	*	
Anti-Pass back	Yes	
Tailgating	Yes	
Fail Safe	Yes. (Gates unlocked when power is removed/unavailable)	
Fail Secure	Yes (Gates locked when power is removed/unavailable)	
Card reader mounting	Yes	
Safety	Reliable operating mechanism with dampening system providing gradual slowing and smooth rotation/operation & eliminates sudden, unexpected stops & positioning problem thereby ensuring maximum user safety.	
	Design mechanism not to lock gates at 45 degree	
	Manual key override both directions	
IP rating enclosure	IP43	

6.4 Outdoor Type Double Lane Stainless Steel Full Height Turnstile Gates.		Compliance (Yes/No)
Approved Vendor / Make:	OPTIMA / KABA / AUTOMATIC SYSTEM / MAXIMA BGI Engitech / MAGNETIC / BOONEDAM / FAAC / GUNNEBO or equivalent	
Model:	*	
Installation location	Printing Industry	
Type	4 Arms, 90 Degree spacing, Bi-Directional, Dual Lane	
Transit Speed	*	
Electro-Mechanical Head movement	Required	
Access Control Interface	With Biometric (Face & Finger) Cum Smart Card Reader	
Drive	Electro mechanic drive or motorized	
Material	Complete turnstile including case work & frames, rotor column shall be of SS 304 or better. Galvanized. Rotor Arm: In case of straight arms: Arm Tube Diameter – 32mm or more Min no. of arms – 10 or more evenly spaced per lane Designed in such a way that adult men cannot pass through it. OR In case of U-shaped arms	

	Arm Tube Diameter – Min. 20mm or more Min no. of arms: 8 or more per lane Designed in such a way that adult men cannot pass through it.	
Operating mode	Normally closed	
Self-centering mechanism	Yes. Required to ensure complete rotation of head to rest position	
Auto Relock	Auto relock after predetermined time if no action is detected	
Anti-backup device	Required to prevent reverse rotation	
Dampening System	Required for smooth & noise-free operation	
LED Indication	Required to indicate pass-through or access denied on both sides of gates	
Beeper	Required	
Response Time	*	
On Power failure	Unit remains locked or unlocked during power fail.	
Input Power supply	110-240 V AC 50/60 Hz	
Operating Voltage	*	
Dimensions	*	
Anti-Pass back	Yes	
Tailgating	Yes	
Fail Safe	Yes. (Gates unlocked when power is removed/unavailable)	
Fail Secure	Yes (Gates locked when power is removed/unavailable)	
Card reader mounting	Yes	
Safety	Reliable operating mechanism with dampening system providing gradual slowing and smooth rotation/operation & eliminates sudden, unexpected stops & positioning problem thereby ensuring maximum user safety.	
	Design mechanism not to lock gates at 45 degree	
	Manual key override both directions	
IP rating enclosure	IP43	

6.5 Boom Barrier Outdoor for Vehicle Access		Compliance (Yes/No)
Approved Vendor / Make:	OPTIMA / KABA / AUTOMATIC SYSTEM / MAXIMA BGI Engitech / MAGNETIC / BOONEDAM / FAAC / GUNNEBO or equivalent	
Model:	*	
Installation location	Printing Industry Outdoor Installation	
Boom Length	6 meters	
Opening & Closing Time	3-6 seconds	
Drive	Hydraulic or Outdoor motorized	
Power	230 V, 50-60 Hz	
Control	Latest art of Technology	
Arm	Rectangular / tubular Aluminum boom bar. Epoxy / RAL 2005 Powder coated.	

Better Visibility	Arm shall be provided with powder coated housing, reflective strips and 'STOP' sign in the middle.	
Thermic Motor Protection	Yes Required	
Access Control Operation	Barrier shall be operated through push button switch and also through Fingerprint cum card readers.	
Dampening System	Required for smooth & noise-free operation	
Optical Beam Sensor	Safety device to detect presence of vehicles and reversal of boom movement.	
Manual Operation	During Power failure, the boom barrier shall be raised or lowered by releasing the boom lock with key type mechanism.	
Cabinet	Galvanized, electrostatically powder coated Outdoor IP protection.	
IP rating enclosure	IP54	
Operating Temperature	0 to 55 degree celsius	
Wiring	Color coded and numbered	

6.6 M S Grills		Compliance (Yes/No)
	M S Grill encased in MS Frame along with door & lock provision.	
	Powder coated. Color same as of Turnstile Gate color.	
	Rust proof.	
	MS Grill to be installed around turnstile gates to cover any openings.	
	It shall have provision for door with lock and key provision, as per site condition.	
	Finishing should be aesthetic with no sharp corner, no sharp edge of welding.	
	Height of grills shall be 7-8 feet as per site requirement matching the height of Turnstile Gates.	
	Bidder is requested to visit site to judge actual requirement of MS Grills as per site requirement.	

6.7 Metal Wicket Gates		Compliance (Yes/No)
	M S Grill encased in MS Frame lock provision.	
	Powder coated. Color same as of Turnstile Gate color.	
	Rust proof	
	Suitable customization to make the wicket gate control system operation using supplied controller and readers.	
	It shall have provision for door with lock and key provision.	
	Finishing should be aesthetic with no sharp corner, no sharp edge of welding.	
	Height of grills shall be 7-8 feet as per site requirement matching the height of Turnstile Gates	
	Bidder is requested to visit site to judge actual requirement of Wickets Gates as per site requirement.	

6.8 Servers for ACS System		Compliance (Yes/No)
Make	HP / DELL or equivalent	
Model	*	
Form Factor	Rack Mount	
Processor (Dual)	Dual Xeon Processor, Quad Core 2.6 GHz, L3 Cache 10 Mb or Better	
RAM	DDR4 32 GB expandable up to 64 GB or better. RAM size should meet system requirement of Software and Database.	
Operating System	Windows server 2022 standard 64 bit / latest	
Power Supply	Redundant (Dual) power supply	
Hard Disc Drive	Optimal size to hold complete data (logs, transaction, application, attendance etc.) of access control system for at-least 10 years. Supplier shall install suitable size HDD above the minimum specified in this document. Minimum Capacity Required – 16 TB usable (considering space lost after RAID configuration) Storage to configure in RAID 10	
Graphics Adapter	Intel HD Graphics or Dedicated separate graphics card as required to meet the performance & features of ACS software including map display.	
RAID Controller	Controller for redundancy	
RAID Cache	512 Mb or more	
RAID level Support	0/1/10/5/6	
USB	Yes. 4 port	
Keyboard	Standard Qwerty full-stroke type	
Mouse	Wired optical mouse	
Monitor	21" or more LED Screen	
Mounting	The Server shall be mounted in standard 42U lockable racks.	
Power Supply	110-230 VAC / 50-60 Hz, inbuilt SMPS required	
Type	Rack Mount Server	
Ethernet Port/Network connectivity	Required 2 nos. 10/100/1000 Mbps, TCP / IP, all interface cards shall be PCI based. Quantity shall be as per system requirements but at least 2 network interface port.	
Communication Ports	2 USB Ports	
Software	OS Licensed software (Windows Server Latest) Database licensed software Software if any for failover from primary to failover server Software for Enterprise class Access Control System MS Office 2019 Standard All software should be licensed in name of ISPN	

6.9 Client Operator PC		Compliance (Yes/No)
Make	HP, DELL or equivalent	
Model	*	
Processor	Intel Core i7, 12 th Gen, Latest 2.4 GHz or Better	

Operating System	OEM Windows 11 Professional	
RAM	8 GB or more	
Storage	512 NVMe SSD M.2 + 1 TB HDD	
Optical Drive	DVD / CDRW Combo drive	
Keyboard	Standard Qwerty full-stroke type	
Mouse	Wired optical mouse	
Monitor	21" LED Screen	
Power Supply	230 VAC / 50 Hz, inbuilt SMPS required	
Ethernet Card	Required 10/100/1000 Mbps, TCP / IP, all interface cards shall be PCI based. Quantity shall be as per system requirements.	
Communication Ports	Two USB Ports, Ethernet ports as required for the system configuration.	
Software	Operating System Windows 11 Pro OEM MS Office Home and Business Antivirus Client	

6.10 WEB BASED ACCESS CONTROL CUM ATTENDANCE MANAGEMENT SOFTWARE	Compliance(Yes/No)
Approved Vendor/Make: HID / BOSCH / HONEYWELL / SIEMENS / TYCO / MATRIX / CUSI RUSCO/ RBH AXIOM/EQUIVALENT	
Specifications	
The software should build on 3-Tier, with MS-SQL/Oracle/Any other as a database, It should be expandable and modular without change in the hardware.	
The software shall be a modular and scalable, networked access control system having centralized architecture, capable of handling large corporations with multiple remote sites. The system shall allow for easy expansion or modification.	
The software shall run in cluster mode i.e. in case Primary system fails then hot standby secondary shall takeover without any interruption in the operation. It should be seamless for end user and controller and reader.	
The Application Server should support run of the server supplied as part of the project.	
The system control at the central computer location shall be under software program control, shall provide full integration of all components, and reconfiguration shall be accomplished online through system programming, without hardware changes.	
The software program shall support multiple server configurations including, but not limited to, Access Control Server, Database Server and centralized monitoring and Controlling Software.	
The system shall have the capability to communicate with the control panels via LAN/WAN connections utilizing industry standard communication protocol.	
The system shall support up to 1000 active readers with biometric functions, and shall support up to 10,000 active cardholders.	
When adding a new cardholder, it shall be able to assign a department and a work group to the cardholder. The department can be used to determine the card user department in reporting.	
The system shall have photograph for cardholder in the database for optional to store into the database	
It shall be Web based Application and Real-time monitoring of Gate Controllers/Readers should be possible.	
It shall be able to export reports in Excel, Word, RPT, PDF, CSV and XML etc.	

The Software shall be a highly scalable enterprise level software solution.	
The ACS software package shall be fully parameter driven.	
The system shall have an administrator's interface to manage data and the individual applications.	
System database platforms shall be based on latest version of Microsoft SQL /Oracle Server/Any DB. The database management system shall be capable of storing and retrieving relational data, text, images and logs.	
The application software shall maintain a full audit log of every change made to the system database, including all programmed and operator requested transaction history.	
System shall include comprehensive report facilities of on-line activities and a Permanent or as per defined time-period record of cardholder activity.	
System shall provide investigation reports to generate event and activities pertaining to card, system operator and alarms according to the given search parameters with respect to date and time.	
The system shall provide an audit trail function that is intended to record all permanent changes in data configured by system operators. The audit trail shall record permanent changes made to the configuration database by manual operator data entry, import I export or other system-controlled devices, such as portable data entry devices. Temporary changes, such as running a report, and querying the cardholder database need not be recorded by the audit trail function. The audit log shall consist of details of any database changes, when they were made and the username of the authorized system user who made the changes.	
A search tool shall be provided to allow authorized system users to examine the audit log files. All database modifications recorded by the audit trail function shall be stored in the historical journal, and shall be available for selective searching, reporting, and replaying.	
The system shall provide the following standardized reports as a minimum: Access Control Reports, Master Reports, Time-Attendance Reports and charts, Transaction Reports; Activity Reports, Alarm Reports; Device Reports; Leave Reports; User Audit Report; Personnel Reports and Visitor Reports etc.	
System shall be configured to enable full monitoring including display of alarms, device and Access control activities.	
Alarms shall be generated for various card access systems. These alarms shall include but not be limited to: Invalid Card, Card blocked etc.	
In addition to above reports, it shall give report regarding Access Granted, Access Denied, Duress Alarm w.r.t Date and Time.	
All the reports mentioned in this document pertaining to employee/Contract employee can be generated for one employee, a group of employees or for a department.	
The system shall allow each door to be configured to cause a variety of alarms to occur based upon activity at that door. These alarms shall include but not be limited to: Door held open, Door forced open, Door opened under duress, Enclosure tampering, Controller failure I communication loss, Card Reader tampering, Card reader failure or communication loss.	
This display shall be in English language and shall not require undue interpretation of Information displayed.	
The system shall provide viewing for the operators when transaction was occur as a list of transaction events.	
The alarm queue shall have minimum capability of 3000 events.	

It shall be possible to perform the following alarm monitoring and notification tasks from the Admin Workstation: Acknowledge an alarm; Change an access level and download it to all affected controllers (by authorized user only); View Controller details; Display multiple alarm events, either directly on associated monitors.	
The system shall support both manual and automatic responses to alarms entering the system.	
The system programming shall be user friendly, and capable of being accomplished by Personnel with no prior computer experience. A quick start wizard/manual shall allow the operator to easily program a system including basic time zones, access panels, card activation to a general-purpose access area and deactivation date.	
The system software shall not use a hardware dongle unless required by the system hardware and then only on the PC where the database/ application server resides. No dongles shall be required at any client workstations.	
Provide storage of all system transactions in a retrievable file.	
Log all events by time and date.	
Provide capability to store all or selected system transactions to a disk file.	
Provide ability for Customer to make any system configuration changes such as, but not limited to door open time, door contact shunt time, point and reader names, when and where a cardholder is valid, and the ability to add or modify card databases at any time.	
It should support Local and Global "Anti-pass back".	
Anti-pass back modes shall include hard (no forgiveness) & soft (allows access but generates an alarm event).	
Allow operator to enter a response to an event when acknowledging it from the alarm view window.	
Provide mode of system operation where when an acknowledged, but not cleared event will be reissued requiring acknowledgement when the event changes to an alarm or trouble state.	
Provide ability for manual operator control of system doors. The manual functions shall include the ability to Lock, Un-Lock, Disable, Card only, Card-Pin only, Pin only, exit only and user PIN only.	
Support multiple credential technology including: Mi-Fare Proximity Card, Biometrics (Finger, Face) keypad (PIN).	
Provide a means for scheduled automatic backups of any or all database system files.	
Provide a simple card and card holder database import utility. The utility shall be Password protected and accessible only to administrators of the access control system. Information that can be imported shall include but not be limited to: First Name, Last Name, card number, activation date, de-activation date, status, A simple CSV (comma separated value) file shall be used for the importing of data and image file names.	
Upon editing card information, the updated information shall be sent automatically to the appropriate access control panel, when hardwired, with no other user intervention.	
Provide color for each specific alarm point action of "Alarm", "Normal" and "Trouble", conditions.	
Provide a display of the most current transactions in real time.	
Provide different color or shape for each specific alarm point action of "Alarm", "Normal", "Trouble".	
The software shall allow the assignment of operator levels to define the system components that each operator has access to view, operate, change or delete.	

The ability to view, edit or delete cardholder sensitive information such as other fields, card number and PIN shall be definable by field per operator.	
It shall have provision to define the module/accounts that the operator has access to. Role based authorization.	
Reports: Provide reporting capability for printing of selected system transactions from the disk files by specific date selection, range from date to date.	
Provide feature to generate a history report for an alarm point(s) state. An alarm point state shall be defined as Normal, Alarm and Trouble.	
Provide feature to generate a history report of system alarms. A system alarm state shall be defined by panel and include any of the following information: communication, power, panel reset, panel tamper.	
Provide feature to generate a history report for system operator(s) activities. The report shall include time, date, operator name the device associated with the action and the type of action performed by the operator. Activities shall include but not limited to: acknowledged and cleared transactions, door mode, door and relay control such as unlock, lock; door and input control such as logout, panel initialization, panel buffer and panel un-buffer.	
Provide a means to create report templates. Report templates shall include, but not be limited to, History and Card Holder information. The templates shall be able to be assigned to a scheduler to run automatically per the scheduler settings.	
A tracking feature shall allow the system operator to identify an area and the person(s) in that area.	
Areas shall be defined by readers representing an IN or OUT read status.	
Defined areas shall provide an automatic update of how many cardholders are in the area.	
Reports can be generated for the defined muster or tracking area.	
Reports can be generated for all muster or tracking areas in the system.	
Reports can be sorted on organization wise, department wise, section wise, date and time wise, between selected date wise etc.	
Time Zones: Time zone definitions shall include Starting time, Ending time, Days of the week and Holiday override.	
The system shall offer 32 different holiday schedule and it should cover at least 30 holidays in a single schedule.	
Time shall be definable in either AMIPM or 24-hour (military) time.	
Provide capability to place remote control panels in an offline mode. In the offline Mode, the remote-control panels shall retain all panel history events.	
Ability to manage at least 100 remote locations.	
It provides system time schedules that the computer will use to automatically start uploading or downloading information to the remote sites. Information to be sent to the panel shall include, but not be limited to, card database changes, time, date, and buffer condition. Information received from the panel shall include all buffered events. While connected to the remote site, the system software shall poll, verify, and report any loss of panel communication. If a site's communication time is longer than expected, the system will automatically adjust the time schedule to allow all selected sites to be updated automatically.	
The System shall be able to receive or send information to remote access control Panels on demand.	
The workstation should have the same UI (user interface) functionality as the Server, Except the workstation shall not be able to perform database maintenance functions.	

The application server should enable reports to be sent through email to the specified Users.	
The Application shall have database browse I search functionality I utility to browse the database tables as a part of its database management features.	
Device should support DDNS facility by which Static IP requirement can be eliminated.	
The system shall be Web based Application and Real time monitoring of Door Controllers should be possible.	
The system shall have automatic Centralized Finger Print cum Face Distribution.	
The system should have Route based Access with Multiple Layers.	
The system should be integrated to SAP-ERP. Integration with ISPN's SAP-ERP is under scope of supplier.	
The system should have database posting, retrieval, and removal, backup and restore option.	
The system should also support Active Directory Integration.	
The system should have an E-mail Notification on different events.	
The software should have auto email scheduler facility for different reports.	
It software shall have capacity to store unlimited numbers of events through software	
It shall have customized fields/labels facility by which user can configure the fields.	
The system should be capable enough to take Automatic Database Backup facility at scheduled time. Manual database backup facility shall also be available.	
The software should have in-built user enrollment management software module which shall have user photograph upload facility, user name and id search functionality etc. It shall be compatible with the USB based Fingerprint based and card based enrollment stations.	
ACCESS CONTROL FEATURES	
Specifications	
Access Control shall have advance security features such as Guard Tour Management System, Anti-Pass Back etc. available in the proposed system.	
Capable for Integration with third party intrusion detection system to accept / trigger necessary alarm	
Access Control System should offer a product feature which prevents a card holder from passing their card back to second person to gain entry into the same zone.	
The system can be able to control the door at the same time; it should also supply the power to the door lock and the exit reader.	
Access control system should give the feature by which proxy punching can be avoided when user tries to get entry to the door.	
The system should have different access modes such as Face + Card, Finger + Card, Face Only, Mi-Fare Card Only, Finger Only or any credential combination.	
The system should have important security feature to avoid tail-gating by which door relay will automatically close the door after defined time duration.	
The system admin can able to monitor and identify user's presence in a controlled area and generates reports any point of time.	
It shall have a read range of 2.5 cm - 5 cm when used with the accepted compatible access card technology.	
It shall have provision to encode an additional unique number string in a card to prevent it from duplication or fraud.	

It shall have facility to encode a unique number string in a card as well as in door controller. In the event of link failure between the panel and the door controller, it allows user to access the zone using this code.	
The system should have minimum 99 time zones to grant time-based access rights to user groups.	
There should be provision to define 99 different access zones with different access levels from 0 to 15 to door controllers and users.	
There should be a strong provision to avoid someone passing their card to the second person to gain entry into the controlled area unless the same card is registered for the Exit after each entry.	
The system shall have Zone-wise (Controlled Area) Card, Finger cum Face and PIN credentials, moreover, for higher security administrator can assign combination of two or more credentials to that zone.	
Guard Tour: The system should allow to define a guard tour. All the door controllers in the tour can be defined in a sequence and a allowed time should also be defined for the same.	
Duress alarm: The system shall provide a feature whereby a cardholder, when forced to open a door under duress, shall be able to send a high priority alarm up to the operator, in order to alert security of the fact. For the cardholder's safety, the raising of this alarm must not have any obvious effect at the door concerned.	
Custom Report Maker Feature: The system shall provide feature to create custom reports based on the fields and Data captured in the System. It shall provide feature to create templates for the reports and further it can be used for fetching the reports.	
No. of User License: System shall support unlimited no. of user license and shouldn't restrict the same.	
The Access Control System shall have Identity Management feature to avoid duplicate enrollment of face and finger. Facility to blacklist any biometric data and non-enrollment of such blacklisted personnel.	
TIME AND ATTENDANCE FEATURE	
The software shall have superlative range of flexible functions such as Multiple Organizations, In Out Time capturing, Total hours Inside Duration and other standard attendance management system.	
The system shall have the feature to generate the time data of employees such as In Time, Out Time to predefine excel/csv format for upload in ISPN/SPMCIL SAP ERP System.	
It shall have provision to create multiple Company, department, sections, designations, grades, and categories.	
Contractual Employee attendance and management system. Able to generate monthly roaster.	
Email notification to multiple users automatically on the occurrence of any such events.	
The software shall be capable of interfacing with third party Payroll, HRM and Tally, SAP and ERP.	
Reports shall be initially displayable on the authorized system user screen, and then can be saved as a PDF file	
The software should be able to manage the workforce with unlimited shifts and schedule	
It shall have flexibility to define and create multiple branches, departments, sections, designations, grades and categories etc.	

It shall have facility to define same reader for entry as well as exit.	
Shift and schedule management shall have automatic shift correction option.	
The software should generate past adjustment data automatically and includes it into current month salary data.	
It shall have provision to choose month-wise and user defined date-wise attendance period.	
There should be User-wise and Period-wise options with Late-In, Early-Out, Overtime, Comp- off and Absenteeism Policy.	
There should be a provision of daily, monthly, yearly attendance, leave balance, shift/schedule and holiday reports. Supervisor can be able to view these data individually or a group of employees. There shall be provision of different filters like employee, date, month and year etc.	
VISITOR MANAGEMENT SYSTEM (VMS) FEATURES	
The main focus of the VMS is ensuring premise security from visitors and keeps track of the visitor's visited area, host name and the time of his visit.	
The VMS shall track visitors as they enter and exit the facilities.	
The VMS shall have a centralized architecture.	
The VMS shall support printing of custom designed visitor passes with expiration date; Visitor details, image (photograph), visit area, host being visited, and visit purpose etc. or customization as per the requirement of ISPN at time of project execution.	
The VMS shall capture complete visitor request approval process workflow i.e. from visit request creation, its approval process through multiple hierarchy and then to actual visit of the visitor.	
VMS shall provide access to visitors to only those gates which are authorized by the competent authority in visitor request approval.	
In addition, the VMS shall allow the user to:	
Capture visitor Face, Finger Print, Photo image & print photo image on Visitor Pass along with other information. Shall support 3 rd Part Web camera such as Logitech or equivalent.	
Secure Visitor Log history for 10 years.	
Generate end-of-day reports, Weekly reports, Monthly Reports, reports b/w specified dates	
The VMS shall support quick and complete capture of visitor information as an essential component for proper record keeping and security checks. The VMS shall support third party or in-built webcam in order to capture visitor photographs. The System shall support quick processing of large groups of visitors through queuing of captured data.	
The VMS shall support the recall of returning visitor information, including pictures.	

The VMS shall enforce visitor authorization prior to printing a badge and entering the premises. The VMS shall authorize visits at reception, security lobby, or remotely by the host employee.	
The VMS shall support customize badge templates for: Visitors, VIPs, Contractors and any other types of visitors. The VMS shall support automatically pre- print badges for expected visitors before they arrive. The user shall be able to configure pre-printing for a specific company and access area	
The VMS shall keep an accurate log by automatically tracking events as they relate to the visitor's activities on site. The VMS shall track visitor sign in and sign out times. The VMS shall provide proactive checking for expired visits and network notification to hosts and visitors of expired visits. Employees shall have the capability to sign out their visitors through the system. Guards shall have the capability to view details of each visitor and sign the visitor out.	
The VMS shall have workflow and permissions capabilities to manage the visitor requests.	

6.11 Biometric(Finger & Face) cum MiFare Card Enrolling Station		Compliance (Yes/No)
Make	PALMSURE / SCHNEIDER / FUJITSU / MATRIX / HONEYWELL / SUPREMA / ROSSLARE /RBH/Equivalent	
Model	*	
	Technical Specifications same as mentioned in items 6.1 and 6.2	

6.12 24 Port L2 Network Switch Grade		Compliance (Yes/No)
Make	CISCO/JUNIPER/DELL/HP equivalent	
Model	*	
Layer 2 functionality	Yes Manageable	
Physical Port	24 nos. 10/100/1000 copper ports	
SFP with module loaded	SFP Port loaded. SFP Port required as per network solution to meet the overall network requirement. SFP make shall be same as Switch make.	
POE/NON-POE	As per system requirement	
Auto Negotiations	Yes for port speed & duplex mode	
Management	CLI, GUI, USB interface for taking backup of software release files configurations, Digital optical monitoring, Time Domain Reflectometry/ equivalent, DHCPv6, DNSv6, Telnetv6 and SSHv6, NTPv6 client and server, RMON 4 groups, SNMPv3, LLDP-MED, IEEE 802.3az, IPv4 and IPv6 support	
Security	Should support ACL, SSL, Private VLAN	
Performance	The switch data throughout performance shall meet the overall system requirement proposed by the bidder.	
Multicast features	Yes	
Use	Access Control System	
Electrical Approvals and Compliances	The switch shall Comply with the all national & international standards like EN, IEC & IEEE (IEC 61850 & IEEE 1613 Complaint)	
Rack/Tower Mount	Yes, with all accessories	

6.13 8 Port Network Switch Grade		Compliance (Yes/No)
Make	CISCO/JUNIPER/DELL/HP equivalent	
Model	*	
Layer 2 functionality	Yes. Fully. (Some brands offer b/w Layer 2 and non-managed is not acceptable)	
Physical Port	8 nos. 10/100/1000 copper ports	
SFP with module loaded	2 SFP Port loaded. SFP make same as Switch make.	
POE/NON-POE	As per system requirement	
Auto Negotiations	Yes, for port speed & duplex mode	
Management	CLI, GUI, USB interface for taking backup of software release files configurations, Digital optical monitoring, Time Domain Reflectometry/ equivalent, DHCPv6, DNSv6, Telnetv6 and SSHv6, NTPv6 client and server, RMON 4 groups, SNMPv3, LLDP-MED, IEEE 802.3az, IPv4 and IPv6 support	
Security	Should support ACL, SSL, Private VLAN	
Performance	The switch data throughout performance shall meet the overall system requirement proposed by the bidder.	
Multicast features	Yes	
Use	Access Control System.	
Electrical Approvals and Compliances	The switch shall Comply with the all national & international standards like EN, IEC & IEEE (IEC 61850 & IEEE 1613 Complaint)	
Rack /Tower Mount	Yes, with all accessories	

6.14 10 KVA or more ON-LINE Single phase Un-Interrupted Power Supply (UPS)		Compliance (Yes/No)
Make	APC / EMERSON / DELTA / NUMERIC or Equivalent	
Model	*	
Capacity	*	
Phase	1 Phase	
Input Voltage:	230V AC 50Hz	
Battery Backup	4 hours at full load	
Battery type	Sealed Maintenance free lead acid battery of reputed make.	
Battery life	Warranty for 3 years	
Configuration	Controlled full wave rectification	
Protection	Input under voltage and Input over voltage	
Operation	Parallel in N+1 mode	
Indication	Input Fail Indication, Low Battery Indication, Load & Overload indicator	

6.15 42U Rack		Compliance (Yes/No)
Make	APW/ Panduit/Valrack or equivalent	
Model	*	
Type	42U Floor Mount	
Cable Tray	Yes	
Door	Perforated/Toughened Glass	
Side Open/Side	Yes	

Panel		
Lock	Yes	
Ventilation	Top with FAN 4nos.	
Keyboard Tray	Yes	
4 Levelling legs	Yes	
4 Wheels	Yes. Lock position for wheels	
Cable Entry Provision	Top/Bottom	
Others	with all standard accessories including Fans, hardware, cable managers, electrical sockets with On/Off Switch and LED Indicators, 10 socket power strip on both side.	
Monitor Stand	Stand/lever to place Monitor	

6.16 12U/6U Rack		Compliance (Yes/No)
Make	APW/ Panduit/Valrack or equivalent	
Model	*	
Type	12U/6U Wall Hanging	
Cable Tray	Yes	
Door	Toughened Glass	
Door Lock	Yes	
Ventilation	Top with 2 nos. Fan	
Cable Entry Provision	Top/Bottom	
Others	with all standard accessories including Fans, hardware, cable managers, electrical sockets with On/Off Switch and LED Indicators, 10 socket power strip on both side.	

6.17 LaserJet Printer cum Scanner cum Copier		Compliance (Yes/No)
Make	HP/Canon/Brother or equivalent	
Model	*	
Duty Cycle	3000 pages per month or more	
Type	Mono B/W, All in One Print Scan Copy	
Paper Media	1 Tray, A4 and Legal Size	
	Simplex Printer	
	USB Based	
	With Cartridges	
Print Speed	At least 18ppm	
Power Rating	Indian standard power supply	

6.18 Card Printer		Compliance (Yes/No)
Make	HID/Zebra/Evolis or equivalent	
Model	*	
Resolution	300 dpi or better	
Accepted card size	CR-80	
Card Type	RFID, MiFare	
Print method	Dye sublimation / resin thermal transfer	
Dual Side printing	Required With graphics background	

Colors	Up to 16.7 Million / 256 Shades per pixel	
Print Area	CR-80 Edge to Edge	
Accepted Card	0.009" – 0.040" / 9 mil – 40 mil / 0.229 mm – 1.016 mm	
Input Hooper card Capacity	100 – 150 Cards	
Card Cleaning	Card cleaning roller integrated in to ribbon cartridge; cleaning roller is automatically replaced with each ribbon change.	
Interface	USB 2.0	
Software	Driver for Windows 10 and Windows 11 Advance featured Card Printer Design and Data Entry Software.	
	To be supplied along with 250 MiFare cards	

6.196-Bay Tower/Rack Based Network Attached Storage		Compliance (Yes/No)
Make	Synology/QNAP/HP/DELLor equivalent	
Model	*	
Processor	intel/AMD/equivalent	
RAM	8 GB or more	
HDD	with Enterprise 3.5" SATA HDD@7200 RPM, 6TB X 6 no.	
Compatible Drive	6 x 3.5" SATA HDD/ 2.5" SATA SSD + 2 x M.2 2280 NVMe SSD	
RJ45 1 GbE LAN Port	2 or more with link aggregation /Failover support	
USB port	1 or more	
File System	NTFS, FAT, EXT3, EXT4 etc.	
RAID Support	RAID 0,RAID 1, RAID 5, RAID 6, RAID10, Global Hot Spare	
Features	Logging Feature – Yes, Supported Browser - Chrome/Firefox/Edge, Max. no. of users – 1024, LED Indicators, With Power Adapter (Indian Standard)	
Operating Temp	0 to 40 degree Celsius	

Note:

(a) Genuinity/Authenticity certificate needs to be provided from OEM for all major component used in the system at the time of supply.

(b) All the products used in system needs to be malware/Bug free and declaration certificate needs to be provided by the firm at the time of supply.

7. SYSTEM HARDENING :

7.1 Implements data security, network security and physical security measures and best practices for securing the ACS Server and its software against cyber-attacks. This includes security considerations for the hardware and software of servers, clients and network device components of Access Control System.

7.2 Incorporates standards-based and best-practice-based security and privacy controls and maps them to each hardening recommendation.

- 7.3 Apply appropriate measures from manufacturer's system hardening guide.
- 7.4 Remove all default, installer, or temporary user accounts and passwords used during installation that are not part of End-user's final operational requirements.
- 7.5 Assign new passwords that are substantially different from factory default passwords to user accounts that match factory-default user accounts.
- 7.6 "No Malicious Code" undertaking letter by OEM's Global HQ. the OEM must not be barred by any Global CERT organization for malicious code or security threats.
- 7.7 The quoted equipment should neither support any interconnection / communication protocol, (such as the GB/T 28181 protocol), that requires sharing of information or data with any foreign government or agency. Documentary certification from OEM needs to be given.
- 7.8 MAC address of devices must be registered in the same name of OEM supplying the devices.

8. DOCUMENTATION :

- 8.1 Extensive documentation shall be provided on installation, operation, administration, programming details and maintenance of the various equipment. Three complete sets of hard copy & soft copy should be provided.

The documentation shall necessarily cover the following:

- 8.1.1 User, operation, administration and maintenance manuals (3 sets).
- 8.1.2 Installation drawings, wiring charts, layout of cables etc (3 sets).
- 8.1.3 Detailed Engineering Diagram, signal flow / cabling diagram indicating the complete cable routing and integration of the various equipment blocks, in the system (3 sets).
- 8.1.4 User and technical manuals of the items (1 set).
- 8.1.5 System test plan, preventive maintenance charts etc.

9. INSTALLATION AND COMMISSIONING

- 9.1 The whole project is required to be completed on Turn- Key basis. Accordingly, Bidder is understood to have assessed and quoted for all the items required for successful completion of the Project. It will be the responsibility of the Bidder to provide such items on free of cost basis which are not quoted in the bid but otherwise required at the time of installation for completion and successful commissioning of the.
- 9.2 The successful Bidder shall offer the services of an installation Team which shall be responsible to install and commission the entire system. The whole project will be carried out directly under the supervision of OEM's / Authorized representative's technical team.
- 9.3 Installation & Commissioning shall be treated as complete after installation of all the systems and sub-systems and issuance of FAT certificate.
- 9.4 The firm shall ensure themselves during their site visit about any special requirement and its total completeness. Any equipment and technical services which might not be elaborated and specifically not mentioned in the specifications relating to the unit under the scope of supply and not expressly included therein, but necessary for the best performance of the unit in accordance with the specifications for normal and efficient running and maintenance in the said conditions during its life, are to be provided for and rendered by the firm and hence the Tenderer has to take care while quoting and specifying for the Technical Tender and to make specific mention on it explaining its necessity .

10. TRAINING

- 10.1 The contractor shall impart training to ISPN Staff / CISF Security personnel at site for complete operation of the equipment and software.
- 10.2 The contractor shall impart training to ISPN Staff at the site for operation & maintenance of the equipment/system/server etc.

11. SAFETY

- 11.1** The Principal Agencies to whom the job has been assigned by INDIA SECURITY PRESS, NASHIK will be primarily responsible for ensuring safety of all their employees working under them while they work inside Factory premises of the respective units.
- 11.2** The Principal Agencies to whom the job has been assigned will be responsible for any act of the Contractor, which amounts to contravention of any provision of the Factories Act, 1948 and the respective Factories Rules under the Act.
- 11.3** Electrical connection will be taken only with the written permission from the respective units. Any unauthorized connection which is found to be of imminent danger to the safety of the employees will be disconnected immediately.
- 11.4** Every Contractor will ensure that their employees do NOT SMOKE inside the factory premises.
- 11.5** Every Contractor will ensure that the Hand Tools, other Equipment's, Ladders etc. are maintained in good working condition and will also ensure that they are safe and free from risk to the employees and their health.
- 11.6** All the machines brought by Contractors for their work should be properly guarded/ maintained in proper condition for their safe working.
- 11.7** For Working at Height, Welding Work, Gas Cutting work, Excavation Work, Working on Fragile Roof, Working on Electrical Lines or work of similar nature, the Principal Agencies and the Contractors will inform the Safety Department of the respective units in advance. In each case the "PERMIT TO WORK" (Blank Format) will be obtained by the Principal Agency / Contractor from Safety Department of the ISPN.
- 11.8** All the Contractors will arrange for MEDICAL TREATMENT of their employees in case of serious injury.
- 11.9** All the lifting machines, lifting tackles, chains, ropes, pulleys etc. will not be allowed to be used inside the Factory unless they are thoroughly examined and certified by the Competent person (as per Factories Act,1948) once in every six months. Such certificate(s) should be produced to the respective units before taking them inside the Factory.
- 11.10** In case of any accident, the Principal Agencies and the Contractors will arrange to inform it to Safety Department of ISPN immediately. They will also arrange to fill up the necessary forms and provide any information, as required by the ISPN for submitting the same to the Industrial Safety & Health Dept. (i.e. concerned Inspector of Factories).
- 11.11** Safe use of electricity will be responsibility of the Principal Agency and their Contractor.
- 11.12** Proper "Earthing" should be provided to the Main Switch
- 11.13** The source for tapping electrical supply will be shown to the Contractor. He will provide separate main switch, wires, and cables of suitable capacity for welding set as per electrical load of the equipment. The wires/cable should be without joints.

12. SECURITY :

- 12.1** The contractor should scrupulously conform to the safety and security norms as stipulated by ISPN while working in the security area.
- 12.2** The contractor shall take all the precaution while executing this work. Protective gear such as safety helmets, boots, belts etc. shall be provided by the contractor at his own cost to all his workers at site. It shall be the responsibility of the contractor to ensure that such protective gear is worn at all times by all personnel working at site. ISPN shall have the right to stop any person not wearing such protective gear from working on the site.
- 12.3** ISPN is a security organization and the Govt. Declares the premise as Prohibited Area. Hence the contractor has to abide by the security rules of the Company. The contractor has to ensure the character and antecedent of the persons deployed. The contractor must be in a position to produce such documents whenever he is asked to do so. Details shall be furnished as per format when called for. The contractor has to issue printed photo identity card to its workers duly authenticated by the designated security officer of the Company. Contractor should apply for Gate Pass for labours, welding permission and material entry pass etc. as per approved format only, well in advance to avoid any delay in issue of Gate passes

- 12.4 While applying for pass, contractor must enclose copy of address proof (Voters ID card or ration card or driving license or passport etc.), for all the workers for which gate pass has been requested. The details shall be submitted in the prescribed format available from ISPN.
- 12.5 On award of the contract the contractor shall sign the Non-Disclosure Agreement and abide with that.
- 12.6 Any worker of the contractor, if found by the Company as unsuitable or having doubtful integrity, shall be removed from the premises at the risk and cost of the contractor. The contractor shall vouch guarantee for the integrity of its workers.
- 12.7 All the products used in system needs to be malware/Bug free and declaration certificate needs to be provided by the firm at the time of supply.

13. SECRECY :

- 13.1 All maps, plans, drawings, specifications, schemes and the subject matter contained therein, and all other information given to the VENDOR by ISPN shall be held confidential by the VENDOR, and shall remain the property of ISPN and shall not be used or disclosed to third parties by the VENDOR for any purpose other than that for which they have been supplied or prepared. All such drawings and documents shall be returned to ISPN upon completion of the work under the contract.
- 13.2 No copies, duplication, Photostat shall be retained by the VENDOR without the written consent of ISPN. The VENDOR may disclose to third parties, upon execution of secrecy agreements satisfactory to ISPN, such part of the drawings, specifications, or information, if such disclosure is necessary for the performance of the contract.
- 13.3 Maps, Diagram and photographs of the plant including its surrounding regions showing the vital installation for national security of the ISPN's country shall not be published or disclosed with the third parties, or taken out of the country without prior written approval of secrecy agreement satisfactory to the ISPN with such third parties prior to disclosure.

14. SPARES :

- 14.1 Vendor shall have to kept at least 10% of items supplied as spares such as Solenoid, Springs, Power adapters, RJ45 Connectors, MCCBs, Reader at ISPN.
- 14.2 Network Switch 1 nos. to be kept as spare at site.

15. FINAL ACCEPTANCE TEST & CERTIFICATES :

- 15.1 Complete Supply and Installation as per specification and scope.
- 15.2 Complete documentation and license and media handover.
- 15.3 Checking of all features under working condition.
- 15.4 Trouble-free operation for 10 days is to check the storage size is as per retention period of 90 days.
- 15.5 Maintaining spares inventory as per SPARES Clause.
- 15.6 Completion of work after following all standard safety and environment norms.
- 15.7 All the relevant certificates to specified standard is to be provided.

16. WARRANTY & COMPREHENSIVE ANNUAL MAINTENANCE CONTRACT :

- 16.1 **Complete system and its all components will be under warranty for 03 years from date of issue of final acceptance certificate including all consumables such as Battery, CMOS, UPS Battery etc.**
- 16.2 **During Warranty and CAMC, Bidder shall maintain the system so that it is operational and running round the clock.**
- 16.3 The contractor shall provide Guarantee that every work executed under this contract shall be free from all defects and faults in materials, workmanship etc. and shall be of the highest grade and consistent with established and accepted standards for materials and workmanship of the type ordered and full conformity with the specifications and equipment shall satisfy its intended use.
- 16.4 Workmanship and operation of all the equipment, accessories etc. supplied by the contractor shall be under warranty for a period of minimum 36 months from the date of taking over the system / issue of acceptance certificate of the system by the ISPN at the site as mentioned in specifications. Contractor shall also provide the total maintenance of the equipment / systems during warranty and CAMC.

- 16.5** It shall be obligatory on the part of contractor to modify and/or replace any hardware and modify the operating, application and diagnostics software free of cost, in case of any malfunction is revealed during operation after taking over within the warranty and CAMC period. Also, the contractor must do corrections and up gradation of the software during warranty and CAMC.
- 16.6** During warranty and CAMC, the Contractor has to deploy 5 service personnel in ISPN from the date of handing over/final acceptance for smooth operation/maintenance/use of the system by various users and also for customizing configuration by way of proper selection existing software/hardware features of the SYSTEM. The service personnel shall be required to check the health of the system on daily basis and do maintenance work of the System. The deployed service personnel have to work on shift basis.
- 16.7** Supplier / Contractor shall periodically carry out Routine Preventive maintenance (Preventive Maintenance after every 3 months) during the entire warranty and CAMC starting from date of final acceptance. The service personnel so deputed shall be qualified and fully conversant with the operation and maintenance aspect of the system and sub-systems of other vendors (e.g. switches, Workstations, UPS, Cameras, Racks etc.) supplied against this tender/purchase order. Report of periodic maintenance is to be submitted with ISPN officials.
- 16.8** The wages / salary of the Service personnel shall be included in the cost of the project and the ISPN will not separately pay any wages / salary to this purpose.
- 16.9** Supplier shall have all the statutory and legal requirements for engaging manpower. ISPN reserves right to verify the same.
- 16.10** Supplier shall maintain vital spares at ISPN to restore the system immediately in case of breakdown during warranty and CAMC. During warranty and CAMC, all defective / faulty items shall have to be replaced / rectified by the supplier without any additional cost.
- 16.11** Any breakdown of the system or part of the system shall be attended immediately and resolved within a period of 24 hours for major equipment failure and 72 hours for minor equipment failure. Holiday shall not be taken in to account for calculating the hours.
- 16.12** In case of non-fulfillment of obligations, penalty @ Rs. 250/- per day per equipment failure, @ Rs. 500/- per day for major failure will be imposed and will be deducted from the Security Deposit.
- 16.13** During warranty and CAMC Period, Defective HDD i.e. Hard Disk as to be changed with working one on non-replacement basis. Defective HDDs will be kept with ISPN.
- 16.14** The Bidder (in case of non-OEM) shall maintain back to back agreement with the OEM's for proper maintenance of Server, PC's, ACS Hardware, Readers/Controller. The agreement shall remain valid during the warranty and CAMC Period. Copy of Such Agreement to be provided to ISPN.
- 16.15** As India Security Press, Nashik has shift operation; the resident service personnel may have to perform shift duty. These service personnel are also liable to work on holiday/Sunday (if services are required) and no additional amount will be paid.
- 16.16** India Security Press is a security organization; hence supplier should submit valid police verification of the deputed service personnel. All security norms to be followed by the deputed resident service personnel.
- 16.17** The deployed personnel should be qualified Degree/Diploma holder with an experience of not less than 2 (two) years in Computer/Electronics Hardware, Software & computer network maintenance. The Firm is required to provide evidence in dealing/maintenance in respect of qualification and experience, which would be checked by this Office to verify the suitability/competency of the service personnel.
- 16.18** The resident service personnel provided by the firm shall not be changed frequently. However, if found incompetent by the officers of ISPN, the Resident Service Personnel/s shall be changed by the vendor immediately.
- 16.19** Educational Qualification for resident service personnel - Minimum ITI/Three Year Diploma (CSE, ECE, IT) or higher qualification such as B.Tech/B.E (CSE,ECE,IT)/BCA/ MCA/M.SC (IT,ECE, Computers)
- 16.20** The bidder will be responsible for following all labor laws and safety procedures in respect of man power deployed by them in SPMCIL premises for the purpose of this project.
- 16.21** Bidder will have to provide necessary tool kits to its deployed resources to perform their duties effectively.

- 16.22** The deputed staff shall be considered under SKILLED category and all central govt. rates and rules shall be applicable. The deputed staff daily wages shall not be less than minimum wages of skilled category of central govt. during the period of contract.
- 16.23** Bidder shall comply all statutory/legal requirements such as Minimum wages PF, ESI etc. and all related labor laws required for engaging the staff in order to deliver the service.
- 16.24** Central Govt. labor laws shall be applicable for the contract.
- 16.25** The successful bidder shall be responsible for compliance of all statutory provisions relating to Minimum Wages, Provident Fund, ESIC, etc. in respect of the persons deployed by it in ISPN for the service delivery.
- 16.26** The remuneration of the deployed staff must be credited to their bank account by the successful agency/bidder latest by 10th of every month. A penalty of Rs. 200/- per day and per person shall be imposed on the agency for failure to meet this deadline.
- 16.27** The personnel deputed to ISPN by the successful agency/bidder should be polite, cordial, positive and efficient while handling the assigned work. In case, the person employed by the successful agency/bidder commit any omission/commission that amounts to misconduct /indiscipline /incompetence, the successful agency will be liable to take disciplinary action against such persons including their removal from the work, if required by the ISPN.
- 16.28** If any mis-happens during the contract period, contract delivery the successful bidder shall be held responsible. They shall not claim any amount from ISPN/SPMCIL.

17. STATUTORY COMPLIANCE :

- 17.1** The engagement and employment of laborers and payment of wages to them should be as per existing provisions of various labor laws and regulations is the sole responsibility of the Contractor and any breach of such laws or regulations shall be deemed to be breach of the contract. ISP may ask the contractor to produce documents to verify that these provisions/laws are complied by the contractor.
- 17.2** All wages allied benefits such as leave, ESI, PF, Gratuity, Bonus etc., shall be paid by the contractor and ISP shall not incur any liability or additional expenditure whatsoever for personnel deployed. Also, the contractor shall be made wage through bank account transfer/Cheque.
- 17.3** The successful tenderer has to pay the minimum wages to its personnel / staff / members deployed as per the notification published by Central Govt., besides paying all other statutory payments. The successful bidder has to maintain all records and legal documents up dated as per prevailing statute and has to produce before the management / statutory authorities as and when asked for. Besides the successful bidder has to indemnify the ISP from all types of legal implications due to any negligence on the part of successful bidder and for which the India Security Press, Nashik is not responsible.
- 17.4** The Contractor shall abide by all labor laws, related to Employee Provident Fund & Miscellaneous Act 1952, ESI Corporation 1948, Workmen Compensation Act 1923, Payment of Wages Act 1936, Minimum Wage Act 1948 Industrial dispute Act 1947, Maternity Benefit Act 1961, Payment of Bonus Act 1965, Factory Act 1948 and other related applicable labor laws/Codes. The details of EPF, ESIC in respect of their deployed staff shall be submitted by the Contractor to ISP along with the bills. The Contractor shall abide including but not limited to, matters relating to timely payment of wages and allowances, payment of minimum wages, payment of overtime, grant of leave, payment of workmen's compensation, working hours, safety, maternity benefits, holidays, framing of standing orders, disciplinary action against their employees, payment of provident fund contributions, payment of gratuities and payment of bonuses as per statutory rules. The Contractor shall submit periodical returns as may be specified from time to time.

SECTION VIII: QUALITY CONTROL REQUIREMENTS

The machine/ material supplied by the successful bidder will be accepted on manufacturer's conforming to all parameters as per Technical Specification of Section VII. The machine/ material will be accepted on manufacturers guarantee certificate to be sent to purchaser. If any defects observed or the machine/ material is found unsuitable, then the same will be returned to the supplier for free replacement upto India Security Press, Nashik or the purchaser shall be entitled to cancel the contract, and if so desired, purchase or authorize purchase of the stores at the risk and cost of the contractor.

1. FINAL ACCEPTANCE TEST & CERTIFICATES :

- i. Complete Supply and Installation as per specification and scope.
- ii. Complete documentation and license and media handover.
- iii. Checking of all features under working condition.
- iv. Trouble-free operation for 10 days is to check the storage size is as per retention period of 90 days.
- v. Maintaining spares inventory as per SPARES Clause.
- vi. Completion of work after following all standard safety and environment norms.
- vii. All the relevant certificates to specified standard is to be provided.

SECTION IX: QUALIFICATION/ ELIGIBILITY CRITERIA

(1) Minimum Eligibility Criteria:

- (a) Experience and past performance:** The Bidder (manufacturer or principal of authorized representative) shall be a manufacturer that has regularly for at least the last Three (03) years Design, Detailed Engineering, Manufacturing, Supply, Installation, Testing, and Commissioning of Access Control System having at least 23 Biometric Reader integrated with turnstile /flap barrier/ tripod with the similar or higher specifications of at least one (01) number in last five (05) years ending on "31st March 2022". At least one (01) number of the product offered for supply should be in successful operation for at least one (01) year on the date of bid opening.

*Note : i) *Copies of PO's and completion/experience certificates issued by customers to be provided in support of above.*

ii) Start-ups and Micro and small Enterprises are exempted from Experience and Past Performance criteria. In case any bidder is seeking exemption from Experience and Past Performance criteria, the supporting documents to prove his eligibility for exemption must be submitted for evaluation

(b) Capability, equipment and manufacturing facilities:-

The Bidder firm must have an annual capacity to manufacture and supply at least (01) No. Design, Detailed engineering, manufacturing, supply, installation, testing, and Commissioning of Access Control System having at least 23 Biometric Reader integrated with turnstile /flap barrier/ tripod. The self attested details shall be submitted along with bid.

Note: At the discretion of the purchaser, the Capacity / Capability Assessment / Verification of bidder / manufacturer firm(s) might be undertaken by a Committee or through a third party Technical Consultancy / Inspection agencies to ensure that the firm is/are identified and capable to supply the machine/item/material/product as required.

(c) Financial Standing:

(i) Average Annual Turnover : The average annual turnover of the bidder during the last three years, ending on 31.03.2022 should be at least Rs. 1,23,07,000/- as per the annual report (Audited Balance sheet and Profit & Loss Account) of Financial Year 2019-2020, 2020-2021 & 2021-2022, duly authenticated by a chartered Accountant/Cost Accountant in India or equivalent

Note: The Average Annual Turnover criteria are exempted for Start-ups and Micro and Small Enterprises. In case any bidder is seeking exemption from Turnover criteria, the supporting documents to prove his eligibility for exemption must be submitted for evaluation.

(ii) The bidder should not have suffered any financial loss for more than one year during the last three years, ending on 31.03.2022.

(iii) The net worth of the bidder should not be negative as on 31.03.2023 and also not have eroded by more than 30% in the last three years, ending on 31.03.2022.

Note: The criteria for Capability, Equipment and Manufacturing facilities as well as financial loss and net worth under the financial standing eligibility criteria (above) shall be applicable to all the bidder firms including MSEs & Startup Firms.

(2) Applicability in Special Cases:

A. Applicability to 'Make in India': Bidders (manufacturer or principal of authorised 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 authorised 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.

B. Authorized Representatives: Bids of bidders quoting as authorised 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 authorisation 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 authorised 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 '31.03.2022.

C. For Existing successful Past Suppliers: In case the bidder (manufacturer or principal of authorised representative) who is a successful past supplier of 'The Product' in at least one of the recent past three procurements, who do not meet any or more of requirements above, would also be considered to be qualified in view of their proven credentials, for the maximum quantity supplied by him in such recent past. (This clause is not applicable for Security Items as notified by Government of India from time to time.)

D. Joint Ventures and Holding Companies: Credentials of the partners of Joint ventures cannot (repeat cannot) be clubbed for the purpose of compliance of PQC in supply of Goods/Equipment, and each partner must comply with all the PQC criteria independently. However, for the purpose of qualifying the Financial Standing Criteria, the Financial Standing credentials of a Holding Company can be clubbed with only one of the fully owned subsidiary bidding company, with appropriate legal documents proving such ownership.

E. Development/ insufficient market capacity or Exceptional One- Off Cases: These are those items which are either being newly developed where vendors are yet to be developed or for new/ existing items where the capacity available in market is inadequate compared to our annual requirements. Exceptional one-off cases are such items/ Plant & Machinery which are procured infrequently (say once in 3 years or longer periods). In such cases PQC Should be Decided with the approval of CFA in individual cases.

F. Start-up Enterprises: Requirements of prior experience and turnover would be relaxed for Startup enterprises as recognised by Department for Promotion of Industry and Internal Trade (DPIIT), subject to their meeting the quality and technical specifications. Such Start-ups maybe either MSE or otherwise.

(3) Undertaking(s) on firm's letter head:-

(a) The firm should give undertaking that, *"We have not been black-listed/ debarred for dealing with any Govt. Organization / Public Sector Undertaking (PSU) / Reputed Organization in the past"*.

(b) That *"the information given in the documents are correct and the Bidder is awarded that in case any information provided is found to be false at a later stage, ISP reserves the right to reject/ disqualify the bidder at any stage of the tendering process without assigning any reason."*

(c) The firm should give undertaking that, “*We agree to withdraw all the deviations, if any, unconditionally and accept all the terms and conditions of the tender document including the technical specifications*”.

(4) **PAN:** The Bidder should be registered with the Income tax. Relevant proof in support shall be submitted.

(5) **Goods & Services Tax Registration:** - The Bidder should be registered with the Goods & Services Tax Department. The bidder firm should submit GST Registration Certificate. Relevant proof in support shall be submitted.

(6) **Other Eligibility requirements for the Bidders:**

6.1 The bidder shall submit Local Content details as per clause No. 9; Verification of Local content, of Public procurement (Preference to make in India) order 2017 No. P-45021/2/2017-PP(BE-II).

6.2 The bidder shall provide names of Organization(s)/ Firm(s) with Addresses and Telephone numbers, Fax numbers, E-mail addresses to which manufacturer/ bidder firm has supplied similar type of ‘Design, Detailed Engineering, Manufacturing, Supply, Installation, Testing, and Commissioning of Access Control System Cum Attendance System with Visitor Management System along with Boom Barrier’ in past.

6.3 The undertaking that the information given in the documents are correct and the Bidder is aware that in case any information provided is found to be false at a later stage, ISP reserves the right to reject/ disqualify the bidder at any stage of the tendering process without assigning any reason.

6.4 The bidder has to submit **Power of Attorney/ Authorization** indicating that authorized signatory is competent and legally authorized to submit the tender and / or enter into legally binding contract.

6.5 **Manufacturer’s Authorisation Letter:** In case the bidder firm/ bidder offers to supply ‘*Design, Detailed Engineering, Manufacturing, Supply, Installation, Testing, and Commissioning of Access Control System Cum Attendance System with Visitor Management System along with Outdoor Boom Barrier*’, which is manufactured by some other firm, the bidder has to be duly authorized by the manufacturer of the stated material to quote for and supply the same to India Security Press, a unit of SPMCIL. The bidder shall submit the manufacturer’s authorization letter to this effect as per the standard form provided in buyer uploaded ATC Uploaded document.

Note : *One manufacturer can participate through one authorized agent or one agent can participate on behalf of one Principal Manufacturer only.*

6.5.1 **The firm should be authorized by the OEM for Turnstile Gates, ACS Reader, ACS software and Server Hardware.**

6.6 While evaluating the tender all credentials of the principal manufacturer only shall be considered. However authorized agent can participate / submit the tender on behalf of principal manufacturer.

6.7 All experience, past performance and capacity/ capability related/ data should be certified by the authorized signatory of the bidder firm. The bidder should submit documentary evidence regarding the past supply. The credentials regarding experience and past performance to the extent required as per eligibility criteria submitted by bidder should be verified from the parties for whom work has been done, hence copies of orders and corresponding experience certificate are to be submitted along with offer.

6.8 The application should be submitted in English Language. The authenticated copies of the documents in support of the applicant’s claims must be submitted in **English language**.

6.9 All financial standing data (Balance sheet and Profit & Loss Statements etc.) should be certified by certified accountants' e.g. Chartered Accountants (CA).

6.10 Decision on Finalization of tender will be taken based on the documents submitted along with the tender. All documents must be submitted as per tender requirement failing which offers will be liable for rejection and no further correspondence will be made/ entertained for clarification after opening of the tender.

6.11 All the pages submitted are to be required & sealed by Authorised Signatory failing which tender shall be treated as unresponsive.

6.12 If there is any change in policy of Government of India, Purchaser reserves the right to foreclose the order placed at any point of time with a written notice of one month in advance.

6.13 India Security Press, Nashik reserves the right to terminate the contract, in whole or in part for ISP's convenience, by serving written notice on the supplier at any time during the currency of contract.



Section X: Tender Form

Date.....

To

.....
.....
.....

(complete address of SPMCIL)

Ref: Your Tender document No. 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 dueperformance of the contract.

We agree to keep our tender valid for acceptance for a period upto -----, as required in the GIT clause19, 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 realize 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:

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
- 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:

- 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

.....
.....



**SECTION XI: PRICE SCHEDULE
Indigenous Offers : All prices to be in Indian Rupees**

To,
Chief General Manager
India Security Press,

(A unit of Security Printing & Minting Corporation of India Ltd.)
Nashik Road – 422101 (Maharashtra), India.

OFFER FORM for Tender No: 14/ACS/23 Dated 26.06.2023

We.....hereby certify that we are established firm of manufacturers/authorized agents of M/s.with factories atwhich are fitted with modern equipment and where the production methods, quality control and testing of all materials and parts manufactured or used by us are open to inspection by the representative of(Name of Purchaser). We hereby offer to supply the following items at the prices indicated below:-

Schedule No.	Description-	Specification	Unit Basic price	Qty	Total Price per unit (INR) See table below for Break-up of Price	Total Value of offer (INR)	Terms of Payments	Delivery Period	Gross weight and dimensions of package per unit
1	2	3	4	5	6=J*	7 = 6 x 5	8	9	10
01	Design, Detailed Engineering, Manufacturing, Supply, Installation, Testing, and Commissioning of Access Control System Cum Attendance System with Visitor Management System along with Outdoor Boom Barrier.	As per Section VII		01 AU			As per Section V: SCC 7 of Tender document	As per Section VI List of Requirement	

Break-up of Price in Column – 6 (In Indian Rupees)

Item Description	Basic unit price	Name of Manufacturer/OEM	Country of Origin	HSN/ SAC Code	GST % (incl GST Cess, if any) with Break-up of CGST/ STGST/ UTGST/IGST	Per unit GST Total	Packing & Forwarding in details	F.O.R. Station of Despatch Price	Freight (& Insurance charges) upto destination	FOR Destination Price
	A	B	C	D	E	$F = \frac{A \times E}{100}$	G	$H = A + F + G$	I	$J^* = H + I$
Design, Detailed Engineering, Manufacturing, Supply, Installation, Testing, and Commissioning of Access Control System Cum Attendance System with Visitor Management System along with Heavy Duty Anti Crash Boom Barrie										
	Grand Total									

Note : Firm has to submit the item wise price at Table-A.

Comprehensive Annual Maintenance Contract for Five Years :

COMPREHENSIVE AMC FOR 5 YEARS							
Sl. no.	Item description	Min Qty	Basic price / Quarter (in INR)	Freight, Insurance, other charges if any (Rs.)	<u>GST@%(RS.)</u>	Total rate per Quarter in INR	Total Price in INR. for 04 quarters
1	CAMC for 1 st year	04 nos.					
2	CAMC for 2 nd year	04 nos.					
3	CAMC for 3 rd year	04 nos.					
4	CAMC for 4 th year	04 nos.					
5	CAMC for 5 th year	04 nos.					
TOTAL FOR CAMC (II) (Without Taxes) (in INR)							
TOTAL FOR CAMC (II) (With ---- GST) (in INR)							
5 YEAR CAMC INCLUDING TAXES IN INR					=		

The list of items requirement for 'Design, Detailed Engineering, Manufacturing, Supply, Installation, Testing, and Commissioning of Access Control System Cum Attendance System with Visitor Management System along with Outdoor Boom Barrier as under:

Table: A:

Schedule No.	Brief Description of Goods/ services	HSN Code	Price Breakup (Only submit in Price Bid)			
			Basic Price per unit	GST% & Rs.	Quantity	Total Price (INR)
1.	Single Lane full height turnstile gate				02	
2.	Double lane full height turnstile gate				11	
3.	Entry Biometric (Finger print & Face recognition) cum smart card readers				27	
4.	Exit biometric (Finger print & Face recognition) cum smart card readers				27	
5.	Boom Barrier outdoor for Vehicle Access				01	
6.	Card cum Biometric (Finger print and face) Enrolling station				02	
7.	Full height metal wicket gates with lock system and grill to cover adjacent gap.				06	
8.	Card printer with required licenses and required power supply arrangements.				01	
9.	Server in Hot Standby Configuration				02	
10.	6 Bay Tower /Rack Based Network Attached Storage, HDD loaded				01	
11.	Client PC as per Specs				04	
12.	8 Port Network switch layer 2 managed with 2 SFP loaded				08	
13.	24 Port Network switch layer 2 managed with SFP loaded				03	

14.	42 U Rack for mounting of Access Control Rack Mount Server				01	
15.	ON-LINE Un -Interrupted Power Supply 10 KVA (UPS) with 4 Hrs backup				02	
16.	LaserJet Network Printer as per Specs				02	
17.	Access Control Software as per Specs				01	
18.	Complete Installation as per scope and any other item or work not covered above but required to make the system complete on Turnkey Basis. (Such as filed Rack, electric and OFC Cabling, Civil, Electrical, Mechanical Work along digging work, M S Grill & Gates), Installation and Commissioning of Various items and to integrate with Server, Manpower during warranty period.				01	
						Grand Total

Note: i) The price quoted shall be compared on Total Price basis (FOR ISP Nashik Road) quoted for Supply Installation Testing and Commissioning with years warranty including all taxes, duties, etc. and 5 (Five) years Comprehensive Annual Maintenance Contract cost including all taxes, duties, etc.. The Initially Purchase Order will be issued for Supply Installation Testing and Commissioning basis, supply order for 5 (Five) years Comprehensive Annual Maintenance Contract will be awarded based on performance during the warranty.

ii) Do not submit/quote price in Technical Bid.

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) Contract Names, Nos & email IDs for GST matters (Please mention primary and secondary contracts)
3. It is hereby certified that we have understood the General and Special Instructions to Tenderers (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 Requirement and other stipulations in Section VII &



Tender No. 6000018323

VIII required and out 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 ofdays from the date of opening of tender (i.e. upto.....), We shall be bound by the communication of acceptance dispatched within the prescribe time.
5. Earnests Money/Bid Guarantee for an amount equal tois enclosed in form of(form and reference number, date) as per the Tender documents.

Dated.....

Signature and Seal of Manufacturer/Bidder

Note:-

- (i) The Bidder may prepare their own offer forms as per this proforma.
- (ii) 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 initialled by the bidder.
- (iv) Figures in Columns 5 to 7 (both inclusive) and in Break-up of price in column 6, should be in both figures and words.
- (v) This Section should not bring in any new Technical Parameter that has not been mentioned in the Technical Bid.



Section XII: Vendor Details

The tenderer should furnish specific details mentioned below. In case a question/ issue does not apply to a tenderer, the same should be answered with the remark “not applicable”.

Wherever necessary and applicable, the tenderer shall enclose certified copy as documentary proof/ evidence to substantiate the corresponding statement.

In case a tenderer furnishes a wrong or misleading answer against any of the under mentioned question/ issues, its tender will be liable to be ignored.

1. Vendor/ Contractor particulars:

- (a) Name of the Company:.....
- (b) Corporate Identity No. (CIN):
- (c) Registration if any with SPMCIL:
- (d) Complete Postal Address:
- (e) Pin code/ ZIP code:
- (f) Telephone nos. (with country/area codes):
- (g) Fax No.: (with country/area codes):
- (h) Cell phone Nos.: (with country/area codes):
- (i) Contact persons /Designation:
- (j) Email IDs:

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):
.....

We solemnly declare that our GST rating on the GST portal / Govt. official website is NOT negative / blacklisted during the last three financial years.

.....
(Signature with date)

.....
.....

(Full name, designation & address of the person duly authorized sign on behalf of the tenderer)
For and on behalf of

.....
.....

(Name, address, and stamp of the tendering firm)



Section XIV: Manufacturer's Authorization Form

To
Chief General Manager
India Security Press,
Nashik Road :- 422101

Dear Sirs,

Ref. Your Tender document No....., dated

We,, who are proven and reputable manufacturers of (*name and description of the goods offered in the tender*) having factories at....., hereby authorise Messrs..... (*name and address of the agent*) to submit a tender, process the same further and enter into a contract with you against your requirement as contained in the above referred tender enquiry documents for the above goods manufactured by us.

We further confirm that no supplier or firm or individual other than Messrs. (*name and address of the above agent*) is authorized to submit a tender, process the same further and enter into a contract with you against your requirement as contained in the above referred tender enquiry documents for the above goods manufactured by us.

We also hereby extend our full warranty, as applicable as per clause 16 of the General Conditions of Contract read with modification, if any, in the Special Conditions of Contract for the goods and services offered for supply by the above firm against this tender document.

Yours faithfully,

.....
.....

[*Signature with date, name, and designation*]

for and on behalf of Messrs.....

[*Name & address of the manufacturers*]

Note: This letter of authorisation should be on the letter head of the manufacturing firm and should be signed by a person competent and having the power of attorney to legally bind the manufacturer..



Section XV: Bank Guarantee Form for Performance Security

**PROFORMA OF BANK GUARANTEE FOR CONTRACT PERFORMANCE GUARANTEE BOND
(ON BANK'S LETTERHEAD WITH ADHESIVE STAMP)**

Ref Date

Bank Guarantee No

To,

(Insert Name & Address of the Purchaser)

Dear Sir,

1. Against contract vide Notification for Award of the Tender No dated covering supply of (hereinafter called the 'contract') entered into between the ***(insert name of Purchaser)*** (herein after called as the Purchaser) and M/s.,..... (here in after called the 'Contractor'), this is to certify that, at the request of the Contractor, we ***(name of the bank)***, are holding in trust in favour of the Purchaser, the amount of ***(write the sum here in words)***, to indemnify and keep indemnified the Purchaser, against any loss or damage that may be caused to, or suffered by the Purchaser, by reason of any breach by the Contractor of any of the terms and conditions of the said contract and/or in the performance thereof. We agree that the decision of the Purchaser, whether any breach of any of the terms and conditions of the said contract and/or in the performance thereof has been committed by the Contractor; and the amount of loss or damage that has been caused or suffered by the Purchaser, shall be final and binding on us, and the amount of the said loss or damage shall be paid by us, forthwith on demand and without demur to the Purchaser.

2. We ***(name of the bank)***, further agree that, the guarantee herein contained, shall remain in full force and effect, for sixty days after the complete conclusion of the contractual obligations to the complete satisfaction of both the BIDDER and the BUYER, including warranty period whichever is later, i.e. till, (hereinafter called the 'said date') and that if any claim accrues or arises against us ***(name of the bank)***, by virtue of this guarantee before the said date, the same shall be enforceable against us ***(name of the bank)***, notwithstanding the fact that the same is enforced within six months after the said date, provided that notice of any such claim has been given to us ***(name of the bank)***, by the Purchaser, before the said date. Payment under this bond of guarantee shall be made promptly, upon our receipt of notice to that effect, from the Purchaser.

3. It is fully understood that this guarantee is effective from the date of the said contract and that we ***(name of the bank)***, undertake not to revoke this guarantee during its currency, without the consent in writing of the Purchaser.

4. We undertake to pay to the Purchaser, any money so demanded, notwithstanding any dispute or disputes raised by the Contractor, in any suit or proceeding pending before any Court or Tribunal, relating thereto, our liability under this present, being absolute and unequivocal. The payments so made by us under this bond, shall be a valid discharge of our liability for payment thereunder, and the Contractor shall have no claim against us, for making such payments.

5. We..... ***(name of the bank)***, further agree that the Purchaser shall have the fullest liberty, without affecting in any manner our obligations hereunder, to vary any of the terms and conditions of the said contract, or to extend time of performance by the Contractor, from time to time, or to postpone for any time or form, time to time, any of the powers exercisable by the Purchaser, against the said Contractor and to for bear or enforce any of the terms and conditions relating to the said contracts and we..... ***(name of the bank)***, shall not be released from our liability under this guarantee, by reason of any such variation or extension being granted to the said Contractor, or for any forbearance and/or omission on the part of the Purchaser, or any indulgence by the Purchaser towards the said Contractor, or by any other matter or thing whatsoever, which under the law relating to sureties, would, but for this provision, have the effect of so releasing us from our liability under this guarantee.

6. This guarantee will not be discharged due to the change in the constitution of the Bank or the Contractor.

Date

Place

Witnesses

Signature
(Printed Name)
(Designation)

(Bank's Common Seal)



Section XVI: Contract Form

(Address of SPMCIL’s office issuing the contract)

Contract No..... dated.....

This is in continuation to this office’ Notification of Award No..... dated

1. Name & address of the Supplier:
2. SPMCIL’s Tender document No..... dated..... and subsequent Amendment No....., dated..... (If any), issued by SPMCIL
3. Supplier’s Tender No..... dated..... and subsequent communication(s) No..... dated (If any), exchanged between the supplier and SPMCIL in connection with this tender.
4. In addition to this Contract Form, the following documents etc, which are included in the documents mentioned under paragraphs 2 and 3 above, shall also be deemed to form and be read and construed as part of this contract:
 - (i) General Conditions of Contract;
 - (ii) Special Conditions of Contract;
 - (iii) List of Requirements;
 - (iv) Technical Specifications;
 - (v) Quality Control Requirements;
 - (vi) Tender Form furnished by the supplier;
 - (vii) Price Schedule(s) furnished by the supplier in its tender;
 - (viii) Manufacturers’ Authorisation Form (if applicable for this tender);
 - (ix) SPMCIL’s Notification of Award

Note: The words and expressions used in this contract shall have the same meanings as are respectively assigned to them in the conditions of contract referred to above. Further, the definitions and abbreviations incorporated under Section – V - ‘General Conditions of Contract’ of SPMCIL’s Tender document shall also apply to this contract.

5. Some terms, conditions, stipulations etc. out of the above-referred documents are reproduced below for ready reference:

(i) Brief particulars of the goods and services which shall be supplied/ provided by the supplier are as under:

Schedule No.	Brief description of goods/ services	Accounting unit	Quantity to be supplied	Unit Price (in Rs.)	Total price

Any other additional services (if applicable) and cost there of:

Total value (in figure) _____ (In words) _____

- (ii) Delivery schedule
- (iii) Details of Performance Security
- (iv) Quality Control
 - (a) Mode(s), stage(s), and place(s) of conducting inspections and tests.
 - (b) Designation and address of SPMCIL’s inspecting officer
 - (v) Destination and despatch instructions
 - (vi) Consignee, including port consignee, if any
 - (vii) Warranty clause
 - (viii) Payment terms
 - (ix) Paying authority

.....
(Signature, name, and address of SPMCIL’s authorized official)

For and on behalf of.....

Received and accepted this contract

(Signature, name, and address of the supplier’s executive duly authorized to sign on behalf of the supplier)

For and on behalf of

(Name and address of the supplier)

.....
(Seal of the supplier)

Date:

Place:



**Section XVII: Letter of Authority for attending a
Pre-bid Conference/ Bid Opening**

The General Manager
Unit Address

Subject: Authorization for attending bid opening on _____ (date) in the Tender of _____.

Following persons are hereby authorized to attend the bid opening for the tender mentioned above on behalf of _____ (Bidder) in order of preference given below.

Order of Preference	Name	Specimen Signatures
I.		
II.		
Alternate Representative		
Signatures of bidder or Officer authorized to sign the bid Documents on behalf of the bidder.		

Note:

1. Maximum of two representatives will be permitted to attend pre-bid conference/ bid opening. In cases where it is restricted to one, first named representative will be allowed to attend. Alternate representative will be permitted when regular representatives are not able to attend.
2. In case of pre-bid conference, self-attested copy of proof of purchase of Bid documents, in the name of the bidder must be enclosed with this authorization, without which entry would be refused. Bid documents would be available for sale at the site also.
3. Permission for entry to the hall where even is held may be refused in case authorization as prescribed above is not produced.

Section XVIII: Proforma of Bills for Payments

(Refer Clause 22.6 of GCC)

Name and Address of the Firm.....

Bill No.....

Dated.....

Purchase order.....No.....Dated.....

Name and address of the consignee.....

S. No	Authority for purchase	Description of Stores	Number or quantity	Rate Rs. P.	Price per Rs. P.	Amount
Total						

1. GST/ CGST/ SGST/ UTGST/ IGST Amount

2. Freight (if applicable)

3. Excise Duty (if applicable)

4. Packing and Forwarding charges (if applicable)

5. Others (Please specify)

6. PVC Amount (with calculation sheet enclosed)

7. (-) deduction/Discount

8. Net amount payable (in words Rs.)

Dispatch detail RR No. other proof of despatch.....

Dated.....(enclosed)

Inspection Certificate No.....Dated.....(enclosed)

Place and Date

Received Rs.....

Rupees).....

We solemnly certify that:

a. Goods and Services Tax (GST) charged on this Bill is not more than what is payable under the provision of the relevant Act or the Rules made there under.

b. Goods on which GST has been charged have not been exempted under the GST Act or the rules made there under and the charges on account of GST on these goods are correct under the provisions of that Act or the Rules made there under.

c. We are registered with above indicated GSTIN as dealer in the State where in their Billing address is located for the purpose of GST.

d. This bill form / invoice is not a replacement for the GST invoice. The proper GST invoice as per requirements of GST rules has been sent to the Purchaser as and when deliveries are made to the consignee.

e. that the payment being claimed is strictly in terms of the contract and all the obligations on the part of the supplier for claiming that payment has been fulfilled as required under the contract.

Revenue stamp

Signature and of Stamp Supplier

Section XIX: NEFT Mandate

(Refer clause 22.2 of GCC)

From: M/s. Date:

To:

(Insert Name and Address of Purchaser's Paying Authority as per NIT Clause 1)

Sub: NEFT payments

We refer to RBI's NEFT scheme. Our mandate SPMCIL for making payments to us through the above scheme to our under noted account.

NATIONAL ELECTRONIC FUNDS TRANSFER MANDATE FORM

1	Name of City	
2	Bank Code No.	
3	Branch Code No.	
4	Bank's Name	
5	Branch Address	
6	Branch Telephone / Fax No.	
7	Supplier's Account No.	
8	Type of Account	
9	IFSC code for NEFT	
10	IFSC code for RTGS	
11	Supplier's name as per Account	
12	MICR Code No.	

In Lieu of Bank Certificate to be obtained as under, please attach a bank cancelled cheque or photocopy of a cheque or front page of your bank passbook issued by your bank for verification of the above particulars.

I hereby declare that the particulars given above are correct and complete. If the transaction is delayed or not effected at all for reasons of incomplete or incorrect information, I would not hold the user institution responsible. I have read the option intimation letter and agree to discharge responsibility expected of me as a participant under the scheme.

Date

Signature of the Customer

Certified that the above particulars are correct as per our record.

Stamp and
Signature of authorized
official of the bank