



अखिल भारतीय आयुर्विज्ञान संस्थान,

All India Institute of Medical Sciences

Engineering Branch, Bhubaneswar (Odisha)-751019

www.aiimsbhubaneswar.nic.in

NOTICE INVITING e-TENDER

N.I.T. No.	AIIMS/BBSR/ENGG/ELECT/22/2026
Name Of Work:	Supply, Installation, Testing and Commissioning (SITC) of IP-based Biometric Fingerprint and RFID-based Access Control System for Entrance Area at New Administrative Building of All India Institute of Medical Sciences Bhubaneswar.
Estimated Cost:	₹ 11,86,173.00 (including GST) (**Rupees Eleven lakh eighty-six thousand one hundred seventy-three rupees only. **)
Earnest Money:	@ 2% of Estimated Cost
Security Deposit:	@ 2.5% of Contract Value
Performance Bank Guarantee:	@ 5% of the Estimated cost put to tender (ECPT) or contract amount whichever is higher. In case quoted amount is lesser than 80% of ECPT, the bidder shall be required to submit Additional Performance Guarantee (APG) equivalent to the difference between the 80% amount of the ECPT and quoted amount.
Completion Period	45 days
Tender issue date:	28-07-2026
Last Date & Time of Submission of Tender:	19-08-2026 by 18.00 Hours

“Certified that, this tender document contains 63 pages only”.

**Executive Engineer (Elect.)
AIIMS, Bhubaneswar**

Government of India, Ministry of Health & Family Welfare, AIIMS, Bhubaneswar

Name of Work	:	Supply, Installation, Testing and Commissioning (SITC) of IP-based Biometric Fingerprint and RFID-based Access Control System for Entrance Area at New Administrative Building of All India Institute of Medical Sciences Bhubaneswar..	
NIT No.	:	AIIMS/BBSR/ENGG/ELECT/22/2026	
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NOTICE INVITING e-TENDER

The **Executive Engineer, (Electrical), AIIMS, Bhubaneswar (Phone: 0674 – 2476083, email-eeel@aiimsbhubaneswar.edu.in)** on behalf of Executive Director, AIIMS, Bhubaneswar invites online Percentage rate tender in Two (02) Bid system (Technical & Financial respectively) from reputed contractor having successfully completed works of similar nature as per eligibility criteria for the following work:-

Name of Work	Supply, Installation, Testing and Commissioning (SITC) of IP-based Biometric Fingerprint and RFID-based Access Control System for Entrance Area at New Administrative Building of All India Institute of Medical Sciences Bhubaneswar.
Tender No.	AIIMS/BBSR/ENGG/ELECT/22/2026
Completion period	45 days
Estimated Cost	₹ 11,86,173.00 (including GST) (**Rupees Eleven lakh eighty-six thousand one hundred seventy-three rupees only)
Earnest Money Deposit(EMD)	2 % of Estimated Cost
Last Date, Time & Place of Submission	By 19-08-2026 by 18.00 Hours through online in www.eprocure.gov.in
Date, Time for opening of Tender	On 21-08-2026 at 12.00 Hours.

The bid document consisting of NIT, plans, specifications, the schedule of quantities of various types of items to be executed and the set of terms and conditions of the contract to be complied with and other necessary documents can be seen and downloaded from <https://eprocure.gov.in/eprocure/app> or www.aiimsbhubaneswar.nic.in free of cost.

The indenting Bidder must read the Terms & Conditions of AIIMS, Bhubaneswar carefully. He/They should only submit his/her/their bid if he/she/they consider himself/themselves eligible and he/she/they is/are in possession of all the documents required.

For e-Tendering of this Tender, kindly visit website <https://eprocure.gov.in/eprocure/app>.

E-Tendering Portal: <https://eprocure.gov.in/eprocure/app>

For E-tendering Queries contact CPPP Help Desk.

The intending bidders must have valid class-III digital signature to submit the bid.

Further modification of change of dates, if any, can be seen in the above stated tender web site.

**Executive Engineer (Elect.)
AIIMS, Bhubaneswar**

INFORMATION AND INSTRUCTIONS FOR BIDDERS

(APPLICATION FOR INVITING BIDS ON TWO BID SYSTEMS)

The Executive Engineer (Elect.), AIIMS, Bhubaneswar, (Phone - 0674 2476083, Email - eeel@aiimsbhubaneswar.edu.in) invites on behalf of Executive Director, AIIMS, Bhubaneswar, Percentage Rate Tender from reputed Specialized Agency in Two (02) Bid system(Technical cum Eligibility & Financial respectively) having successfully completed works of similar nature as per eligibility criteria for the following work:

Ser. No.	Description	Details
(a)	NIT No.	AIIMS/BBSR/ENGG/ELECT/22/2026
(b)	Name of Work:	Supply, Installation, Testing and Commissioning (SITC) of IP-based Biometric Fingerprint and RFID-based Access Control System for Entrance Area at New Administrative Building of All India Institute of Medical Sciences Bhubaneswar.
(c)	Estimated Cost	₹ 11,86,173.00 (including GST) Rupees Eleven lakh eighty-six thousand one hundred seventy-three rupees only
(d)	Earnest Money	2 % of Estimated Cost
(e)	Completion period	45 days
(f)	Last date and time of online submission of tender	By 19-08-2026 at 18.00 Hours
(g)	Time and date of on line opening of Tender (Technical Bid)	On 21-08-2026 at 12.00 Hours.
(h)	Time and date of opening of Online Financial Bids	Will be informed to the Technically qualified Bidders.
(i)	Mode of submission of Tender	Online. (CPP Portal)
(j)	Last date for receiving Hard Copies of Original Documents of EMD	20-08-2026 by 17.00 Hours (Address for sending hard copy) Executive Engineer (Electrical) Office Room No. – 336, 3rd Floor, Academic Building ,All India Institute of Medical Sciences ,Sijua,Dumuduma,Bhubaneswar,Odisha - 751019 (In case the last day happens to be closed holiday, these Documents shall be submitted on the next working day failing which technical Bid will not be considered for Evaluation.)

Eligibility Criteria for participation in tendering:

1. Contractor /Agency who fulfilled the following requirement shall be eligible to apply. Joint venture in not accepted.
2. The bidder should have satisfactorily completed the works as mentioned below during the last seven years, ending the previous day of the last date of submission of the bid.
 - i. **One (01) similar work each costing not less than Rs. 9,48,938.00/-**
OR
 - ii. **Two (02) similar works each costing not less than Rs. 7,11,704.00/-**
OR
 - iii. **Three (03) similar works each costing not less than Rs. 4,74,469.00/-**
 - **Similar work shall mean: “ Supply, installation, testing, and commissioning of IP-Based Access Control System / IT infrastructure work.**

The experience of similar work should be from Central Govt., State Govt., PSU and Autonomous Body.
2. Agreements shall be drawn with the successful bidders for item/items in the prescribed format. Bidders shall quote their rates as per various terms and conditions of the said form which will form part of the agreement.
3. The bid document consists of a survey report, layout diagram, specifications, the schedule of quantities of the various types of items to be executed, and the set of terms & conditions of the contract to be complied with, and other necessary documents.
4. **Submission/upload of the OEM Authorization Certificate (Appendix–A) and the Technical Specification Compliance Sheet (Annexure–X), duly filled and signed by the OEM, is mandatory for the L1 bidder after the opening of the financial bid. If the bidder fails to upload these documents within 7 days, the bid shall be summarily rejected.**
5. Furthermore, the technical specifications compliance submitted by the bidder must match the OEM’s technical specification compliance sheet. In case of any discrepancy, the bid shall be summarily rejected.
6. Conditional Bids shall not be considered and will be outrightly rejected at the very first instance.
7. **Average Annual Financial Turnover should be at least 30% of the estimated cost during the immediate last 3 consecutive financial years, ending 31st march 2025. This should be duly audited by a registered Chartered Accountant. The value of annual turnover figures shall be brought to current value by enhancing the actual turnover figures at simple rate of 7% per annum.**
8. The bidder should not have incurred any loss in more than two (02) years during last five (05) consecutive years ending 31st March , 2025 , duly certified by Chartered Accountant
9. **Banker’s certificate from a Commercial Bank or Net worth Certificate:**

Banker’s certificate of the amount equal to 40% of the estimated cost put to tender (ECPT) not more than 1 year old from date of publication of the tender

OR

Networth certificate of minimum 10% of the estimated cost put to tender (ECPT) issued by certified Chartered Accountant with UDIN not more than 1 year old from date of publication of the tender.
10. The intending bidder must read the terms and conditions of the Tender document carefully. He should submit his bid if he considers himself eligible and he is in possession of all the certificates/documents required.

11. Information and Instructions for bidders for e-tendering posted on the website shall form part of the bid document.
12. the bid document consisting of NIT, plans, specifications, the schedule of quantities of various types of items to be executed and the set of terms and conditions of the contract to be complied with and other necessary documents can be seen and downloaded from <https://eprocure.gov.in> or www.aiimsbhubaneswar.edu.in free of cost.
13. Copies of eligibility documents and EMD as specified in the notice inviting tender shall be scanned and uploaded on the e-tendering website within the period of tender submission. Bidders can upload documents in the form of JPG format, PDF format, and any other format as permissible by the e-tendering portal.
14. Bidders must ensure to quote percentage above or below or as per BOQ price. The column meant for quoting rate in figures appears in sky blue color. In addition to this, while selecting any of the cells a warning appears that if any cell is left blank the same shall be treated as "0". Therefore, if any cell is left blank and no rate is quoted by the bidder, the rate of such item shall be treated as "0" (ZERO). After submission of the bid online, the Agency can re-submit the revised bid any number of times but before the last time and date of submission of the bid as notified.
15. After the submission of the bid online, it can be revised any number of times before the specified time on the last date of submission of the bid. While submitting the revised bid, the bidder can revise the rate of one or more item(s) any number of times (he need not re-enter the rate of all the items) but before the last time and date of submission of the bid as notified.
16. Financial bids shall be opened online only for eligible bidders those are qualified in technical evaluation.
17. If the Agency is found ineligible after the opening of bids, his bid shall become invalid.
18. The department reserves the right to reject any prospective application without assigning any reason and to restrict the list of qualified agencies to any number deemed suitable by it if too many bids are received satisfying the laid down criterion.

**Executive Engineer (Elect.)
AIIMS, Bhubaneswar**

GENERAL RULES & DIRECTIONS OF CONTRACT

The Executive Engineer (Elect.), AIIMS, Bhubaneswar, (Phone - 0674 2476083, Email - eeel@aiimsbhubaneswar.edu.in) invites on behalf of Executive Director, AIIMS, Bhubaneswar, Percentage Rate Tender from reputed Specialized Agency in Two (02) Bid system (Technical cum Eligibility & Financial respectively) having successfully completed works of similar nature as per eligibility criteria for the following work:

Name of Work: Tender for “Supply, Installation, Testing and Commissioning (SITC) of IP-based Biometric Fingerprint and RFID-based Access Control System for Entrance Area at New Administrative Building of All India Institute of Medical Sciences Bhubaneswar.”

1. *Preparation & Submission of Tender through Online. The Tender should be submitted in 02 (Two) parts i.e. Technical Bid and Financial Bid Respectively. The Bid shall be submitted by the Bidder through online for “Supply, Installation, Testing and Commissioning (SITC) of IP-based Biometric Fingerprint and RFID-based Access Control System for Entrance Area at New Administrative Building of All India Institute of Medical Sciences Bhubaneswar.”*
2. *The Bidders shall have to submit original documents for Original Earnest Money Deposit before the date and time of opening of tender at Executive Engineer Electrical office 3rd floor Academic Block AIIMS Bhubaneswar failing which the bid will be summarily rejected. (No need to submit hard copy of documents except orinal EMD, Only L1 bidder will be asked to submit all the original copy of uploaded document during award of the tender). If any discrepancy is noticed between the eligibility documents as uploaded at the time of submission of bid and hard copies as submitted physically by the bidder, the bid shall become invalid.*
3. **List of self certified documents to be scanned and uploaded within the period of bid submission.**
 - (a) Earnest Money Deposit in Favour of “All India Institute of Medical Sciences, Bhubaneswar”.
 - (b) FROM ‘A to C’ duly filled in and signed with the stamp.
 - (c) The bidder shall submit work Completion Certificate for similar works, along with the corresponding Work Order and detailed Bill of Quantities (BOQ), issued by government organization. These documents must be signed by an official not below the rank of Executive Engineer or an equivalent authority.
 - (d) Certificate of Registration for GST.
 - (e) Copy of PAN card.
 - (f) The Bidder should have their Registered Office/Branch in Bhubaneswar. If not, an Office should be opened in Bhubaneswar within 30 (Thirty) Days of the award of Work. Details of Address Proof of Office located at Bhubaneswar should be given to EE(Elect). Otherwise Undertaking for opening of office at Bhubaneswar need to submit.
 - (g) Declarations to be given by the Tenders.
 - (h) Certificate of financial statements (Annual turn over of last 3 years duly certified from CA: At the time of submission of bid, bidder may upload affidavit/ certificate from CA mentioning finance turn over for the period specified in the bid document. Further details if required may be asked to the contractor after opening of technical bid. There is no need to upload entire voluminous balance sheet.
 - (i) Each page of the e-tender documents should be duly signed with a seal otherwise; the bid shall become invalid.
 - (j) Affidavit as per Annexure-IV.
 - (k) Bidder Undertaking as per Annexure – III
 - (l) Technical Specification Compliance Sheet.
 - (m) Solvency certificate or Networth certificate as per point -9 of eligibility criteria.
4. The bid submitted becomes invalid, if any discrepancy/shortfall is noticed between the eligibility documents (as per Sl. No 03 point ‘a’ to ‘l’) as uploaded at the time of submission of the bid.
5. The intending bidder must read the terms and conditions of CPWD -8 carefully. He should only submit his bid if he considers himself eligible and he is in possession of all the documents required.

6. **Earnest Money Deposit:** The bidder shall be required to submit the Earnest Money Deposit in the form of a Fixed Deposit Receipt or Demand Draft or BG from any Nationalized/Schedule Bank duly pledged in the name of the "**All India Institute of Medical Sciences, Bhubaneswar**". Documents received without submitting EMD will be rejected.

EMD exemption is not allowed in this tender.

7. **Performance Guarantee/ security deposit:**

8. The successful Agency will be required to furnish a Performance guarantee of 05% (Five Percent) of Contract Value or estimated cost put to tender (ECPT) whichever is higher. **In case quoted amount is lesser than 80% of estimated cost put to tender (ECPT), the bidder shall be required to submit Additional Performance Guarantee (APG) equivalent to the difference between the 80% amount of the ECPT and quoted amount** in the form of DD/Fixed Deposit Receipt or Bank Guarantee from any Nationalized/Schedule Bank duly pledged in the name of the "**All India Institute of Medical Sciences, Bhubaneswar**" which shall be kept valid for a period of 180 days beyond all contractual obligations as per GCC. In case the time for completion of work gets enlarged, the contractor shall get the validity of performance guarantee extended to cover such enlarged time for completion of the work.

The Performance guarantee can be forfeited by order of this Institute in the event of any breach or negligence or non-observance of any condition of contractor for unsatisfactory performance or non-observance of any condition of the contract. The performance guarantee shall be returned to the contractor (without any interest), after recording of the completion certificate for the work by the competent authority or till the completion of the contractor's performance obligations (including Warranty/Guarantee period).

9. Intending Bidders are advised to inspect and examine the site and its surroundings and satisfy themselves before submitting their bids, the means of access to the site and in general shall themselves obtain all necessary information as to risks, contingencies, and other circumstances which may influence or affect their bid. A bidder shall be deemed to have full knowledge of the site whether he inspects it or not and no extra charge consequent on any misunderstanding or otherwise shall be allowed. The bidders shall be responsible for arranging and maintaining at their own cost, all materials, tools & plants, water, electricity access, facilities for workers, and all other services required for executing the work unless otherwise specifically provided for in the contract documents. Submission of a bid by a bidder implies that he has read this notice and all other contract documents and has made himself aware of the scope and specifications of the work to be done and of the conditions.
10. The Tender paper/documents can be seen/downloaded from the Official website & submitted through online. No need to send hard copy of tender documents. However, after award of contract, L1 bidder must submit hard copies of all uploaded documents to the office of the tender inviting officer within the prescribed time. If any discrepancy found in uploaded document and hard copies, then his bid will be rejected. For any query, Executive Engineer, Electrical, Phone: 0674 – 2476083 AIIMS, Bhubaneswar, may be contacted.
11. The Executive Director, AIIMS, Bhubaneswar does not bind itself to accept the lowest or any other bid and reserves to itself the authority to reject any or all the bids received without the assignment of any reason. All bids in which any of the prescribed conditions is not fulfilled or any condition including that of the conditional rebate is put forth by the bidder shall be summarily rejected.
12. Canvassing whether directly or indirectly, in connection with bidders is strictly prohibited and the bids submitted by the agency who resort to canvassing will be liable to rejection.
13. The Executive Director, AIIMS, Bhubaneswar reserves to himself the right of accepting the whole or any part of the bid, and the bidder shall be bound to perform the same at the rate quoted.
14. The Agency shall not be permitted to bid for works in the AIIMS, Bhubaneswar responsible for award and execution of contracts, in which his near relative is posted as an officer in any capacity between the grades of Superintending Engineer and Junior Engineer (both inclusive). He shall also

intimate the names of persons who are working with him in any capacity or are subsequently employed by him and who are near relatives to any gazetted officer in the AIIMS, Bhubaneswar. Any breach of this condition by the Agency would render him liable to be removed from the approved list of Agency of this Department.

15. No Engineer of Gazetted rank or other Gazetted Officer employed in Engineering or Administrative duties in an Engineering Department of the Government of India is allowed to work as a Agency for a period of one year after his retirement from Government service, without the prior permission of the Government of India in writing. This contract is liable to be canceled if either the Agency or any of his employees is found at any time to be such a person who had not obtained the permission of the Government of India as aforesaid before submission of the bid or engagement in the Agency's service.
16. **The bid for the works shall remain open for acceptance for a period of 180 days from the date of the opening of bids.**
17. This notice inviting bid shall form a part of the contract document. The successful bidder/ Agency, on acceptance of his bid by the Accepting Authority shall within 15 days from the stipulated date of start of the work, sign the contract consisting of "The Notice Inviting bid, all the documents including additional conditions, specifications, and drawings, if any, forming part of the bid as uploaded at the time of invitation of bid and rate quoted online at the time of submission of bid and acceptance thereof together with any correspondence leading thereto.
18.
 - (a) The quoted Rates shall be inclusive of GST.
 - (b) Security Deposit equal to 2.5% of the Contract Value will be deducted from the RA Bills of the Agency.
 - (c) The Income Tax as applicable shall be deducted from the Bill unless exempted by the Income Tax Department.
 - (d) 1% labour cess will be deducted from bills.
19. **Goods and Services Tax (GST).**
 - (a) **GENERAL REMARKS ON TAXES & DUTIES:** In view of GST Implementation from 1st July 2017, all taxes and duties including Excise Duty, CST/VAT, Service tax Entry Tax and other indirect taxes and duties have been subsumed in GST. Accordingly, reference of Excise Duty, service Tax, VAT, Sales Tax, Entry or any other form of indirect Tax except of GST mentioned in the bidding document shall be ignored.
 - (b) Bidders are required to submit copy of the GST Registration certificated while submitting the bids wherever GST (CGST & SGST/UTGST or IGST) is applicable.
 - (c) "GST shall mean Goods and services Tax charged on the supply of material(s) and services. The term 'GST' shall be construed to include the integrated Goods and Services Tax (Hereinafter referred to as "IGST") or central Goods and Services Tax (hereinafter referred to as "CGST") or State Goods and services Tax (Hereafter referred to as "SGST") or union Territory Goods and services Tax (hereinafter referred to as "UTGST").
 - (d) Quoted price/rate(s) should be inclusive of all taxes and duties, **including** GST (i.e. IGST or CGST and SGST /UTGST applicable in case of interstate supply or intra-state supply respectively and cess on GST if applicable) on the final service. However, the GST rate (including cess) to be provided in the respective places in the price Bid. please note that the responsibility of payment of GST (CGST & SGST or IGST or UTGST) lies with the supplier of Goods/services (service provider) only. Supplier of Goods/Service (Service provider) providing taxable service shall issue an invoice/Bill, as the case may be as per rules/regulations of GST. Further, returns and details required to be filled under GST laws & rules should be timely filed by the supplier of Goods /services (Service provider) with the requisite details.

- (e) The Agency(s) must be submitted GST Challan copy in original duly signed with a stamp of the firm, against this work before releasing Security Deposit (SD) money.

20. FRAUD AND CORRUPTION:

- 19.1 The Engineer-in-Charge will reject a proposal for an award if he determines that the bidder recommended for award has been engaged in corrupt or fraudulent practices in competing for the contract in question. He will report to the Officer Inviting Bid / next higher authority.
- 19.2 Canvassing, whether directly or indirectly, in connection with tenders is strictly prohibited & the tenders submitted by the agency who resorts to canvassing will be liable for rejection.
- 19.3 The Agency shall be debarred for **one year from tendering in AIIMS, Bhubaneswar**.
- (i) If the Agency submits false experience/completion certificates, **as mentioned in Sl. No. - 1 Page No. - 5 (refer under Eligibility Criteria)**. The department reserves the right to verify the particulars furnished by the applicant independently.
- (ii) If the Agency fails to commence the work on or before the scheduled date stated in the work order.
- (iii) Violates any important condition of the contract.
21. The OEM authorization certificate (Appendix- A) will be submitted by L1 bidder within 7 days after opening of financial bid. Otherwise the bid will be cancelled. Obtaining the OEM Manufacturers' Authorization certificate is sole responsible of the bidder.
22. Information & Instruction for Agency will form Part of NIT.

**Executive Engineer (Elect.)
AIIMS Bhubaneswar**

Annexure – I**DECLARATIONS TO BE GIVEN BY THE TENDERERS****It is to certify that: -**

- (a) I /We have gone through CPWD W-8 amended up to correction Slip No.6 as available on the website www.eprocure.gov.in / www.aiimsbhubaneswar.edu.in or in the office of Superintendent Engineer and I/We agree with the terms and conditions of it and understood that it will form part of the agreement.

Date: _____

Signature of the Tenderer

- (b) “I, S/o Shri
resident of
hereby certify that none of my Relative(s) as defined in Paragraph 14 of CPWD W-6 is/are employed in AIIMS Electrical Zone, Odisha. In case at any stage, it is found that the information given by me is false/incorrect, AIIMS shall have the absolute right to take any action as deemed fit without any prior intimation to me”.

Date: _____

Signature of the Tenderer

NOTE: - (To be certified by all the partners in case of partnership firms, by all the Directors in case of companies).

- (c) “I/We undertake and confirm that eligible similar Work(s) has/have not been got executed through another Agency on back-to-back basis. Further, it is stated that, if such aviolation comes to the notice of the Department, then I/We shall be debarred for bidding in AIIMS in the future forever. Also, if such a violation comes to the notice of AIIMS, Bhubaneswar before the date of start of work, the Superintending Engineer shall be free to forfeit the entire amount of Performance Guarantee”.

Date: _____

Signature of the Tenderer

Annexure – II**FINANCIAL INFORMATION (FORM ‘A’)****I. Financial Analysis –**

Details to be furnished duly supported by figures in the balance sheet/profit & loss account for the last three financial years duly certified by the **Chartered Accountant**, as submitted by the applicant to the Income Tax Department (Copies to be attached).

Financial Years	2022-23	2023-24	2024-25
Gross Annual Turn over			

- Gross Annual Turn Over on construction works.
- Profit/Loss.

II. Financial arrangements for carrying out the proposed work.

FORM 'B'

DETAILS OF ELIGIBLE SIMILAR NATURE OF WORKS COMPLETED DURING THE LAST SEVEN YEARS ENDING THE PREVIOUS DAY OF THE LAST DAY OF SUBMISSION OF TENDERS

Se r. No .	Name of the Work/Pro ject and Location	Owner or sponsori ng organizat ion	Cost of work in corers of rupees	Date of commence ment as per contract	Stipulated date of completion	Actual date of completion	Litigation/ arbitration cases pending/ in progress with details*	Name and address/tel ephone No of officer to whom reference may be made	Whether work was done on back-to- back basis Yes/No
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(j)	(k)
1.									
2.									
3.									
4.									
5.									
6.									
7.									

***Indicate the gross amount claimed and the amount awarded by the Arbitrator.**

Signature of Bidder(s)

FORM 'C'**FORM FOR DETAILED INFORMATION BY BIDDER**

Name of Firm/Contractor/Supplier	:
Complete Address and Telephone Number	:
Name of Proprietor/Partner/Managing Executive Director/Executive Director	:
Phone Number	:
Mobile Number	:
e-Mail ID	:
Name and address of service center nearby Bhubaneswar	:
Whether the firm is a registered Firm (Yes/No. Attach Copy of Certificate)	:
PAN Number. (enclose the attested copy of PAN Card)	:
Service Tax Number. (enclose the attested copy of VAT Certificate)	:
GST Number (enclose the attested copy of VAT Certificate)	:
Whether the firm has Uploaded the Earnest Money Deposit.	:
Whether the Firm/Agency as signed each and every page of Tender/NIT	:
EPF No. (Enclose the attested copy of EPF Registration Certificate)	:
ESI Code.	:
Any other information, if necessary.	:

(Authorized Signature of the Bidder with Seal)

Annexure – III

All India Institute of Medical Sciences Engineering
Branch, Bhubaneswar (Odisha)-751019
www.aiimsbhubaneswar.edu.in

BIDDERS UNDERTAKING (CPWD – 7)

(submitted in a non judicial stamp paper of Rs 10/- or above & notarized)

E-Tender for the work of: Tender for “**Supply, Installation, Testing and Commissioning (SITC) of IP-based Biometric Fingerprint and RFID-based Access Control System for Entrance Area at New Administrative Building of All India Institute of Medical Sciences Bhubaneswar..**”.

To be submitted online by:

TENDER

I/We have read and examined the notice inviting tender, schedule A,B,C,D,E, specifications applicable, Drawings & Designs, General Rules, and Directions, Conditions of Contract, clauses of contract, Special conditions, Schedule of Rate & other documents and Rules referred to in the conditions of contract and all other contents in the tender document for the work.

I/We hereby tender for the execution of the work specified for the AIIMS Bhubaneswar within the time specified in Performa of Schedules , viz., schedule of quantities and in accordance in all respects with the specifications, designs, drawings, and instructions in writing referred to in Rule-1 of General Rules and Directions and in Clause 11 of the Conditions of contract and with such materials as are provided for, by, and in respects in accordance with, such conditions so far as applicable.

I/We agree to keep the tender open for **One Hundred Eighty (180) days** from the due date of opening of the financial bid and not to make any modification in its terms and conditions.

A sum of **Rs** is hereby forwarded in Receipt Treasury Challan/ Deposit at Call Receipt of a Scheduled Bank/ Fixed Deposit Receipts of a Scheduled Bank/ Demand Draft of a Scheduled Bank/ Bank Guarantee issued by a Scheduled Bank as earnest money. A copy of the earnest money in Receipt Treasury Challan/ Deposit at Call Receipt of a Scheduled Bank/ Fixed Deposit Receipts of a Scheduled Bank/ Demand Draft of a Scheduled Bank/ Bank Guarantee issued by a Scheduled Bank is submitted with tender. If I/We, fail to furnish the prescribed performance guarantee within the prescribed tender, I/we agree that **the Executive Director, AIIMS, Bhubaneswar** or his successors, in office shall without prejudice to any other right or remedy, be at liberty to forfeit the said earnest money absolutely **and** debar me/we for participating in any tender of AIIMS Bhubaneswar for a period of 1 year . Further, if I/We fail to commence work as specified, I/We agree that **the Executive Director, AIIMS, Bhubaneswar** or his successors in office shall without prejudice to any other right or remedy available in law, be at liberty to forfeit the said performance guarantee absolutely. The said Performance Guarantee shall be guaranteed to execute all the works referred to in the tender documents upon the terms and conditions contained or referred to those in excess of that limit at the rates to be determined in accordance with the provision contained in Clause 12.2 and 12.3 of the General Conditions of Contracts (CPWD). Further, I/we agree that in case of forfeiture of earnest money or performance guarantee as aforesaid, I/We shall be debarred for participation in the re-tendering process of the work **and debarred for participating in any tender of AIIMS Bhubaneswar for a period of 1 year.**

I/We undertake and confirm that eligible similar work(s) has/have not been got executed through another contractor on back to back basis. Further, if such a violation comes to the notice of the Department, then I/We shall be debarred for tendering in AIIMS Bhubaneswar in the future forever. Also, if such a violation comes to the notice of the Department before the date of start of work, The Engineer – in – Charge shall be free to forfeit the entire amount of Earnest Money Deposited / Performance Guarantee.

I/We hereby declare that I/we shall treat the tender documents drawings and other records connected with the work as secret/confidential documents and shall not communicate information/derived therefrom to any person other than a person to whom I/We am/are authorized to communicate the same or use the

information in any manner prejudicial to the safety of the State.

Dated.....

Signature of Contractor
Postal Address

Witness:

e-Mail id

Address:

Occupation:

(To be filled in by the contractor/witness as applicable)

ACCEPTANCE

The above tender (as modified vide letters mentioned hereunder) is accepted by me for and on behalf of the AIIMS Bhubaneswar for a sum of ₹ ._____ *

(Rupees_____ * _____)

The letters referred to below shall form part of this contract Agreement:-

a)_____ *

b) _____

c) _____

For & on behalf of the AIIMS Bhubaneswar.

Signature.....

Dated

Designation.....

Annexure – IV**AFFIDAVIT****(To be submitted on Rs. 10/- Indian Non-Judicial Stamp Paper& Notarized)**

I/We hereby certify that the above firm has not been ever blacklisted by any Central/State Government/Public Undertaking/Institute on any account.

I/We also certify that the Firm will supply the item(s) as per the specification given by Institution and also abide by all the Terms & Conditions stipulated in the Tender.

I/We also certify that the information given in Bid is true and correct in all aspects and in any case at a later date, it is found that any details provided are false and incorrect, any contract given to the concerned firm or participation may be summarily terminated at any state, the firm will be blacklisted and Institute may impose any action as per e-Tender Rules.

“I/We undertake and confirm that eligible similar works(s) has/have not been got executed through another Agency on back-to-back basis. Further that, if such a violation comes to the notice of the Department, then I/we shall be debarred for bidding in the future forever. Also, if such a violation comes to the notice of the Department before the date of start of work, the Engineer-in-Charge shall be free to forfeit the entire amount of Performance Guarantee”.

Business Address: -

Place: _____**Name:****(Signature of Bidder with Firm's Seal)****Dated: _____**

Annexure – V**Technical Bid (Eligibility Criteria check list)**

The scanned copies of the following mandatory documents to be uploaded on e-Tendering Portal in the following format.

Sl. No.	Details/ Particulars	Uploaded (Yes/No)	Page No.
(A)	Submitting Earnest Money Deposit.		
(B)	FROM `A to C` duly filled in and signed with stamp.		
(C)	The bidder shall submit a Completion Certificate for similar works, along with the corresponding Work Order and detailed Bill of Quantities (BOQ), issued by a government organization. These documents must be signed by an official not below the rank of Executive Engineer or an equivalent authority.		
(D)	Certificate of Registration for GST		
(E)	Attested Copies of PAN No.		
(F)	The Bidder(s) should have their Registered Office/Branch in Bhubaneswar. If not, an Office should be opened in Bhubaneswar within 30 (Thirty) Days of the award of Work. Details of Address Proof of Office located at Bhubaneswar should be given to EE(Elect.)		
(G)	Declarations to be given by the tenderer(s) (as per Annexure-I)		
(H)	Certificate of financial statements (Annual turn over of last 3 years duly certified from CA: At the time of submission of bid, bidder may upload affidavit/ certificate from CA mentioning finance turn over for the period specified in the bid document. Further details if required may be asked to the contractor after opening of technical bid. There is no need to upload entire voluminous balance sheet.		
(I)	Each page of the e-tender documents should be duly signed with seal otherwise the bid shall become invalid.		
(J)	Affidavit as per Annexure – IV		
(K)	Bidder Undertaking as per Annexure – III		
(L)	Technical Specification Compliance Sheet Annexure – X		

GENERAL CONDITIONS FOR CONTRACT

Name of work: “Supply, Installation, Testing and Commissioning (SITC) of IP-based Biometric Fingerprint and RFID-based Access Control System for Entrance Area at New Administrative Building of All India Institute of Medical Sciences Bhubaneswar..”.

1. Prices quoted should be valid for the contract period from the date of opening of your offer. The prices quoted should be for the entire scope of work.

2. **Rates-** The prices quoted shall be inclusive of GST, PF & ESI amount paid to the statutory authorities by the Agency and shall be reimbursed on an actual basis throughout the contract period on submission of the documentary evidence in the next bill or after the final bill. GST shall be reimbursed on an actual basis on submission of the documentary evidence.

3. Terms of Payment: -

- The full & final payments for the work shall be released as per the actual measurement of the work executed at the site by AIIMS, Bhubaneswar. **(No provision of RA Bill for this contract)**
- The Security Deposit @ 2.5% of the gross amount of the bill shall be deducted from the running bills, which shall be released after the successful completion of the DLP period from the date of completion of work, without any interest thereupon.
- 1% of labour cess will be deducted from bills.
- The following documents as applicable shall be produced and the self-attested photocopy shall be submitted by the Agency during each running bill:

4. Transport

- 5.1) The transport required within the complex for carrying items inside the AIIMS complex for supply of materials, repairing work, etc. shall be arranged by the Agency. The Agency may however seek the help of the department to take permission to take heavy items for repair outside the AIIMS, Bhubaneswar complex if considered necessary.
- 5.2) Agency's materials, transport, etc. shall normally be permitted to go out of the area between 9.00hrs.to 18.00hrs only. The agency may also be allowed to carry out the work beyond office hours(day and night) with special permission from the Executive Director AIIMS, Bhubaneswar. However, no movement of materials and transport out of the site of works shall be permitted during the night or during holidays unless special permission is obtained from the Executive Director, AIIMS, Bhubaneswar.

5. Antecedents :

The Agency shall employ only Indian Nationals as his representatives, servants, workmen and verify their antecedents and loyalty before employing them on the works. He shall ensure that no person of notorious antecedents and nationality is in any way associated with the works and if for reasons of technical collaboration or other consideration, the employment of any foreign national is unavoidable, the Agency shall furnish full particulars to this effect to the accepting officer at the time of submission of tender. The Executive Director, AIIMS, Bhubaneswar shall have full powers and without giving any reasons to the Agency immediately cease to employ in connection with this contract, any representative agency, servant and workman, or employee whose continuous employment in his opinion is undesirable. The Agency shall not be allowed any compensation on this account.

6. Penalty Clause:

In case of any failure of / delay in services, the penalty shall be invoked as per **Clause-2 of GCC of CPWD works-2023**. Compensation for delay of work:

- **With maximum rate 1% (one percent) maximum per month of delay to be computed on per day basis based on quantum of damage suffered due to stated delay on the part of Contractor. Provided always that the total amount of compensation for delay to be paid under this condition shall not exceed 10 % of the accepted Tendered Value of work.**

7. The work shall be governed by AIIMS, Bhubaneswar general conditions, and security regulations of the contract.
8. The Executive Director, AIIMS, Bhubaneswar or any one or more officers authorized by him shall have the right to visit Agency/sub-agency premises to check the physical progress of work, inspection, testing etc. of the contract items or any part thereof at any time during all stages of work. The Agency shall extend all necessary facilities for carrying out such inspection and check of the progress of work.
9. It is the responsibility of the successful tenderer to hand over the entire system to the Executive Director, AIIMS, Bhubaneswar on completion of the work in working conditions. Any damages/replacement etc. should be done at free of cost with the knowledge of the Executive Director, AIIMS, Bhubaneswar. The final taking over will be done after detailed joint inspection by the Executive Director, AIIMS, Bhubaneswar/ or his authorized representative and the Agency on completion of the work.

10. Risk Purchases:

The cost of repairs/rectification necessitated due to negligence of the Agency's employee shall be recovered from the Agency as per the assessment made by the Executive Director, AIIMS, Bhubaneswar. If the Agency fails to repair/rectify the defects in installations within the time given to him, the same will be got repaired/rectified by another agency at the risk and cost of the Agency. The decision of the Executive Director, AIIMS, Bhubaneswar shall be final and binding on both the parties.

11. The Agency shall be solely responsible for compliance to the provisions of various Labour and industrial laws, such as, wages, allowances, compensations, EPF, and Bonus. Gratuity, ESI, etc. relating to personnel deployed by it at AIIMS, Bhubaneswar site or for any accident caused to them, and the institute shall not be liable to bear any expense in this regard. The Agency shall make payment of wages to workers engaged by it by the stipulated date irrespective of any delay in settlement of its bill by AIIMS, Bhubaneswar for whatever reason. The Agency shall also be responsible for the insurance of its personnel. The Agency shall specifically ensure compliance of various Laws / Acts, including but not limited to with the following and their re-enactments/amendments/modifications: -

- (a) The Payment of Wages Act 1936.
- (b) The Employees Provident Fund & MP Act, 1952.
- (c) The Contract Labour (Regulation) Act, 1970.
- (d) The Payment of Bonus Act, 1965.
- (e) The Payment of Gratuity Act, 1972.
- (f) The Employees State Insurance Act, 1948.
- (g) The Employment of Children Act, 1938.
- (h) The Motor Vehicle Act, 1988.
- (i) Minimum Wages Act, 1948.

12. Breach of Terms and Conditions.

Noncompliance with any terms and conditions enumerated in the contract shall be treated as a breach of contract. In case of breach of any terms and conditions as mentioned above, the Competent Authority, will have the right to reject the bid at any stage without assigning any reason thereof and nothing will be payable by AIIMS, Bhubaneswar in that event the EMD shall also stand forfeited.

13. Termination of Contract.

AIIMS, Bhubaneswar has the right to terminate the contract, in case the work performance is not up to the standard, or if there is any violation of the contract. The decision by the Engineering- In-charge is final and binding in this regard.

14. Arbitration.

The Arbitration shall be held in accordance with the provision of the Arbitration and Conciliations Act, 1996, and the venue of arbitration shall be at Bhubaneswar. The decision of the Arbitrator shall be final and binding on both parties.

15. Dispute Settlement.

It is mutually agreed that all differences and disputes arising out of or in connection with this agreement shall be settled by mutual discussions and negotiations if such disputes and differences cannot be settled and resolved by discussions and negotiations then same shall be referred to the sole Arbitrator appointed by the Executive Director, AIIMS, BHUBANESWAR whose decision shall be final and binding on both the parties. The contract shall be governed by laws and procedures established by Govt. of India, within the framework of applicable legislation and enactment made from time to time concerning such commercial dealings/ processing.

16. GST and other Taxes as applicable shall be recovered/ paid from the Agency's bill as per Govt. of India/AIIMS Rules.

ADDITIONAL CONDITIONS FOR WORK**A. GENERAL CONDITIONS**

1. Other agencies working at the site will also simultaneously execute the work entrusted to them and the Agency shall offer necessary cooperation wherever required to other agencies.
2. Because of security considerations, there could be some restrictions on the working hours and movement of vehicles for transportation of materials. The contractor shall be bound to follow all such restrictions and adjust the program for execution accordingly, for which nothing extra shall be paid.
3. The work shall be carried out in a manner complying in all respects with the requirements of relevant by-laws of the local bodies, Labour Laws, minimum wages act, workmen compensation act, and other statutory laws enacted by the Central Govt. as well as State Govt.
4. No residential accommodation shall be provided to any of the staff engaged by the Agency. The Agency shall not be allowed to erect any temporary setup for staff on the campus.
5. No claims of the labours shall be entertained by the Department including that of providing employment, regularization of services, etc.
6. The Agency shall have registration with Employee's Provident Fund commission and Employee's State Insurance Corporation for the safe guarding interest of his workmen. He shall obtain all other necessary approvals from statutory bodies as per the law in vogue.
7. The Agency shall take immediate action to attend to any complaint assigned to him through the site order book/verbal instructions from Engineer-in-Charge or his representative over telephones from occupants. In all cases, he shall attend to the complaints in the specified duration as mentioned below.
8. All dismantled material will be removed from the site by Agency after duly verification and measurement of the same by JE/AE and EE.
9. The Agency shall make all safety arrangements required for the labour engaged by him at his own cost. All consequences due to negligence or due to lapse of security/safety or otherwise shall remain with the Agency. The department shall not be responsible for any mishap, injury, accident, or death of the Agency's staff. No claim in this regard shall be entertained/accepted by the department. Also, Agency is responsible for the damage caused to any man/material other than his team during execution, and AIIMS will not be responsible for that.

10. The agency shall be fully responsible for any damages caused to govt. property by his or his labour incurring out the work and shall be rectified by the Agency at his own cost.
11. GST and other Taxes as applicable shall be recovered/paid from the Agency's bill as per Govt. of India/AIIMS Rules.
12. The agency shall restore back the premises and other articles provided by the department to the department at the time of closure of the contract.
13. No permanent/temporary huts /structures shall be constructed by the Agency at the site of work or at any government land/premises. Such structures, if any, found at the site or at AIIMS Bhubaneswar land shall be demolished and removed at the cost of the agency without any notice.
14. Any damage to the building structure, fittings, or any other articles, etc. done by the Agency on his workman during the execution of the work shall be made good by the Agency at his own cost.
15. The Agency shall clear the site property after the completion of the work.
16. Major/Minor complaints shall be decided by the EE/Engineer-in-charge. The decision of the Engineer-In-charge shall be final & binding.
21. Any facility not mentioned in this scope, but which is vital **“Supply, Installation, Testing and Commissioning (SITC) of IP-based Biometric Fingerprint and RFID-based Access Control System for Entrance Area at New Administrative Building of All India Institute of Medical Sciences Bhubaneswar.. ”** are assumed to be included in the scope of work.
22. The agency must ensure safety and provide adequate supervision/precautions during the work.
23. During working at the site, any Rules/restrictions may be imposed by the Engineer-in-Charge/Security staff of the Corporation or Local Authorities regarding safety and security, etc., the Agency shall be bound to follow all such restrictions/instructions & nothing extra shall be payable on this account & no claim for delay on this account shall be entertained.
24. **The tender shall be based on the Conditions of Contract, and tenderers are required to quote their % rates against BOQ items in a schedule of quantities, which is enclosed. All rates shall remain firm for the additional quantity in the contract period.**
25. If the Agency fails to proceed with the work within the stipulated time as specified from the date of issue of the letter of intent/letter to proceed with the work, the Department shall forfeit the earnest money deposited by him along with the tender.
26. All the works are to be carried out in accordance with the latest CPWD/BIS Specifications and as per the directions of the Engineer-in-charge.
27. **Packing:** The supplier shall provide such packing of the goods, as is required to prevent their damages or deterioration during the transit to their final destination as indicated in the contract. The packing shall be sufficient to withstand, without limitation, rough handling during transit.
28. The Agency must get approved all the material from the Engineer-in-Charge before its actual use at the site of work.
29. The scope of work includes all minor building works required for execution work such as cutting of walls etc. and making good the same. Nothing extra will be paid to Agency for the same.
30. The watch and ward of material and installation shall rest on the part of the Agency during the execution of work and till handing over of the same after completion of work in accordance with the schedule of work.
31. The Agency will take care of the building etc. while handling/installing the equipment to avoid damage to the building. If any damages occur during the execution of work, it shall be made good by Agency without any extra cost.

32. Existing materials in good condition may be used after joint inspection by AIIMS representatives & vendors.
33. Dismantled/unused materials are to be deposited at Engineering Dept. by the Firm.
34. The tender shall be based on the Conditions of Contract and tenderers are required to quote their own rates against each item in schedule of quantities (B.O.Q), which is enclosed. All rates shall remain firm for the contract period/extended contract period.

GENERAL CONDITIONS FOR SUPPLY OF MATERIALS:

1. The sample of all the items shall have to be got approved by the Agency by the Engineer-in-Charge/Executive Engineer or his Representative before the supply commences. The approval of the sample shall be only in respect of workmanship and finish and shall be without prejudice to the right of the Engineer-in-Charge to get random samples tested out of the actual lot received as per additional conditions. This decision is the prerogative of the Engineer-in-Charge.
2. The Agency shall furnish the manufacture's certificate (if instructed) that the material supplied satisfies the requirements of the relevant specifications.
3. The Engineer-in-Charge shall be at liberty to test the respective sample(s) of each item from the schedule of quantity in any approved laboratory as decided by him. The sample for testing shall be provided by the Agency. The testing charge in respect of satisfactory tests shall be borne by the Agency. All other expenditures required to be incurred for making available the sample conveyance and packing etc. shall be borne by the Agency himself. In case any sample of a particular lot fails in testing the Agency shall be bound to replace the entire lot with fresh material of prescribed specifications and the rejected lot shall only be returned to the Agency after the fresh lot is supplied.
4. After completion of work, the defective and damaged materials (Spare/Equipment/Scraps) shall be handed over to the AIIMS Authority or to be removed by the Agency at his own cost.
5. In case of any dispute regarding the rejection of the quantity of materials, the decision of the Engineer-in-Charge shall be final and binding upon the Agency.
6. Specialized work as indicated in the contract must be done through an authorized dealer or service Centre or manufacturer only. The Agency will submit the GST invoice for the equipment's or spares purchased from the manufacturer or authorized dealer. Similarly, for services, the agency shall submit the service report from an authorized service Centre or dealer for processing the payment.

**Executive Engineer(Elect.)
AIIMS Bhubaneswar**

SCOPE OF WORK (SOW)

Name of Work

Supply, Installation, Testing and Commissioning (SITC) of IP-based Biometric Fingerprint and RFID-based Access Control System for Entrance Area at New Administrative Building of All India Institute of Medical Sciences (AIIMS), Bhubaneswar.

1. Overview

The scope includes design, supply, installation, integration, testing, and commissioning of a complete IP-based biometric and RFID access control system. The system shall ensure secure and controlled access at designated entry and exit points of the administrative building.

2. Detailed Scope

2.1 Access Control System Components

- Supply and installation of **Fingerprint & RFID-based Access Controllers** for entry points.
- Supply and installation of **Access Readers** for exit points.
- Provision of **Biometric Enrolment Device with Display** for user registration and management.
- Installation of **Exit Switches (Push Buttons)** for safe exit operations.

2.2 Door Locking Mechanism

- Installation of:
 - **Electric Bolt Locks (Fail-Safe Type)** for glass doors
 - **Electromagnetic Locks with Feedback**
 - **Mounting brackets (U-shaped and metal door brackets)** for proper installation
- Ensuring compatibility with access control system and fire safety norms.

2.3 Network & Communication Infrastructure

- Supply and laying of **Category-6 UTP cables** including routing, tagging, ferruling, and termination.
- Installation of **24-Port PoE Network Switch with SFP uplinks**.
- Integration of all controllers via IP-based communication.

2.4 Control Panels & Integration

- Installation of:
 - **Access Control Panel**
 - **I/O Controller for system expansion**
 - **Fire Alarm & Access Control Integration Module**
- Integration with existing fire alarm system for emergency unlocking.

2.5 Software & User Management

- Deployment of **Web-based Access Control Software** with:
 - Minimum 1000 user licenses
 - API integration capability
- Configuration of access rules, logs, reporting, and monitoring.

2.6 End-User Equipment

- Supply and installation of:

- Desktop systems (Core i3 and Core i7 configurations)
- Monitors (22" FHD), peripherals (keyboard, mouse, speakers)
- Setup for system monitoring and administration.

2.7 RFID System

- Supply and configuration of **RFID proximity cards (200 Nos.)**
- Mapping of cards with user database.

2.8 Electrical & Cabling Work

- Supply and laying of:
 - FRLS/HFFR copper cables
 - PVC conduits (surface/recess)
- Installation of:
 - Modular switches and sockets
 - GI boxes with cover plates
- Complete wiring and termination as per standards.

2.9 Mechanical & Mounting Works

- Installation of:
 - Floor-mounted MS stand (4 ft height) for access devices
 - Proper cable management systems
- Mounting on glass and metal doors with required accessories.

2.10 Testing & Commissioning

- Complete system testing including:
 - Device functionality
 - Network connectivity
 - Software integration
- Trial run and validation as per specifications.
- Final commissioning after approval by Engineer-in-Charge.

3. Compliance

- All work shall be executed as per:
 - Technical specifications
 - Relevant standards (DSR E&M 2025 where applicable)
 - Instructions of Engineer-in-Charge

4. Documentation & Handover:

Upon completion of the work, the contractor shall submit and hand over the following documents to **AIIMS Bhubaneswar (End User)**, complete in all respects and to the satisfaction of the Engineer-in-Charge:

1. **As-Built Drawings**
Detailed as-built drawings showing final equipment locations, mounting details, cable routing, network topology, power distribution, and interface points, reflecting the system as actually installed at site.
2. **System Architecture & Integration Diagrams**
Comprehensive system architecture diagrams illustrating the integration of Fingerprint and RFID Card-based Access Control Controller, RFID readers, access controllers, application server, network switches, locks, sensors, and software platforms.
3. **Configuration & System Parameters**
Complete configuration details including IP addressing scheme, device IDs, access rules, software settings, user roles, permissions, and system logic implemented for entry/exit management.

4. **User Manuals & OEM Documentation**

Manufacturer's original user manuals, operation guides, installation manuals, technical datasheets, and OEM documentation for all supplied hardware and software components.

5. **Testing, Commissioning & Acceptance Reports**

Detailed testing and commissioning reports covering functional testing, integration testing, performance validation, safety checks, and final system acceptance, duly signed by the Engineer-in-Charge.

6. **Warranty & Support Certificates**

OEM warranty certificates for all hardware, software licenses, and system components, clearly indicating warranty period, coverage, and support terms.

7. **End User Completion Certificate**

Completion certificate duly signed by the authorized representative of **AIIMS Bhubaneswar (End User)** confirming satisfactory installation, testing, commissioning, and operational readiness of the system.

8. **No Claim Certificate**

No Claim Certificate from the contractor certifying that no further claims of any nature whatsoever shall be raised against AIIMS Bhubaneswar in respect of the executed work.

9. **GSTR Copies**

Submission of applicable **GSTR-1, GSTR-3B, and other relevant GST returns** corresponding to the work executed and bills raised for the project.

10. **Abstract of Bill**

Detailed abstract of the final bill indicating item-wise quantities, rates, amounts, taxes, and total project cost as per approved BOQ.

11. **Measurement Book / BOQ Measurement Records**

Measurement records of all BOQ items executed at site, duly verified and certified by the Engineer-in-Charge.

12. **Work Execution Photographs**

High-resolution photographs documenting various stages of work execution, including installation, cabling, equipment mounting, testing, and final commissioning, with date and location references.

5. Warranty period Maintenance and Support:

- i. **On-site 1-year warranty after completion of the SITC work, covering all equipment, accessories, and associated cabling. Provide post-installation support, including periodic maintenance and on-site/on call troubleshooting as required.**
- ii. The bidder will provide a 24 x 7 complain registration contact number, Email for Complaint registration during warranty period.
- iii. **Unlimited breakdown calls with a maximum response time of 48 hours, beyond which Liquidated Damages (LD) shall be imposed as per Clause 2. GCC of CPWD works-2023.**
- iv. Replacement of faulty equipment/components including cables and all installed accessories.
- v. Maintenance of installed cabling and connectors.
- vi. Software updates, firmware upgrades, and configuration backup.
- vii. Detailed service report submission after each visit.

All documents shall be submitted in **hard copy (bound sets)** as well as **soft copy (PDF and editable formats)**. Final payment and project closure shall be subject to successful submission, verification, and approval of the above documentation by the Engineer-in-Charge.

Annexure-VI**OEM Manufacturer's Authorization Form**

To;

The Executive Director
All India Institute of Medical
Sciences AIIMS, Bhubaneswar

Tender No :

Dated :

E-Tender for the work of : “Supply, Installation, Testing and Commissioning (SITC) of IP-based Biometric Fingerprint and RFID-based Access Control System for Entrance Area at New Administrative Building of All India Institute of Medical Sciences Bhubaneswar..”.

Equipment Name :
BOQ No :
Make :
Model :

Dear Sir/Madam;

1. We____(Name of the OEM) are the original manufacturer of the above equipment having a registered office at _____ (full address with telephone No/Faxdo hereby declare to give maintenance/warranty support including Software updates to through M/S, who is participating in Tender having No_____ of AIIMS, Bhubaneswar.
2. We also hereby undertake to provide full guarantee/ full performance warrantee /Comprehensive Annual Maintenance Contract as agreed by the bidder in the event the bidder is changed or the bidder fails to provide satisfactory after-sales and service during such period of Comprehensive Warranty/ Comprehensive Annual Maintenance Contract and to supply all the spares/accessories/consumables/material/software upgrades/ labour etc. during the said period through the appoint bidder by AIIMS, Bhubaneswar.
3. We also hereby declare that we have the capacity to manufacture and supply the quantity of the equipment tendered within the stipulated time, and provide service to install, and commission through the bidder .
4. We Also Compiled the Technical data sheet attached with the authorized signature and company seal.

Name :

Yours

For and on behalf of M/S _____

Faithfully,
(Name)
(Name of the Manufacturers)

Place :

Date :

Note : This letter of authority should be on the letterhead of the manufacturing concern and should be signed by a person competent and having the power of attorney to bind the manufacturer.

FORM OF PERFORMANCE SECURITY (BANK GUARANTEE)

1. In consideration of the Executive Director, AIIMS, Bhubaneswar (hereinafter called “the Government”) having offered to accept the terms and conditions of the proposed agreement between and (hereinafter called “the said Agency(s)”) for the work (hereinafter called “the said agreement”) having agreed to the production of an irrevocable Bank Guarantee for Rs. (Rupees only) as a security/ guarantee from the Agency(s) for compliance of his obligation in accordance with the terms and conditions in the said agreement.

I/We (hereinafter referred to as Bank) hereby (Indicate the name of the Bank) undertake to pay to the Government an amount not exceeding Rs. _____ (Rupees _____ only) on demand by Government.

2. I/We do hereby undertake to pay the (Indicate the name of the Bank) the amount due and payable under this Guarantee without any demur, merely on a demand from the Government stating that the amount claimed is required to meet the recoveries due or likely to be due from the said Agency(s). Any such demand made on the Bank shall be conclusive as regards the amount due and payable by the bank under this Guarantee. However, our liability under this guarantee shall be restricted to an amount not exceeding Rs. _____ (Rupees _____ only).

3. I/We the said bank undertakes to pay to the Government any money so demanded notwithstanding any dispute or disputes raised by the Agency (s) in any suit or proceeding pending before any court or Tribunal relating thereto, our liability under this present being absolute and unequivocal.

4. The payment so made by us under this bond shall be valid discharge of our liability for payment there under and the Agency (s) shall have no claim against us for making such payment.

5. I/ We further agree that the guarantee herein contained (Indicate the name of Bank) shall remain in full force and effect during the period that would be taken for the performance of the said agreement and it shall continue to be enforceable till all the dues of the Government under or by virtue of the said agreement have been fully paid, and its claims satisfied or discharged, or till Engineer-in-charge on behalf of the Government, certifies that the terms and conditions of the said Agreement have been fully and properly carried out by the said Agency (s) accordingly discharges this guarantee.

6. I/We further agree with the Government that the (Indicate the name of Bank) Government shall have the fullest liberty without our consent, and without affecting in any manner our obligations hereunder, to vary any of the terms and conditions of the said agreement or to extend time of performance by the said Agency(s) from time to time or to postpone for any time or from time to time any of the powers exercisable by the Government against the said Agency (s) and to forebear or enforce any of the terms and conditions relating to the said agreement & we shall not be relieved from our liability by reasons of any such variation or extension being granted to the said Agency (s) or for any forbearance, act of omission on that part of the Government or any indulgence by the Government to the said Agency (s) or by any such matter or thing whatsoever which under the law relating to sureties would, but for this provision, have effect of so relieving us.

7. The guarantee will not be discharged due to the change in the constitution of the Bank or the Agency (s). We lastly undertake not to revoke this (Indicate the name of Bank) guarantee except with the previous consent of the Government in writing.

8. This Guarantee shall be valid up to _____ unless extended on demand by Government, notwithstanding anything mentioned above, our liability against this Guarantee is restricted to Rs. _____ (Rupees _____ only) and unless a claim in writing is lodged with us within six months of the date of expiry or the extended date of expiry of this Guarantee all our liabilities under the Guarantee shall stand discharged.

Dated the _____ day of _____ for _____

Annexure – VIII

Format for Integrity Agreement
(To be made on Rs 100/- Judicial Stamp Paper)

This Agreement is made at.....on this.....day of 2026

BETWEEN

AIIMS, Bhubaneswar represented through Executive Engineer (Electrical), AIIMS, BHUBANESWAR,

.....(Hereinafter referred to as the
 (Address) “**Principal/Owner**”, which expression shall unless repugnant to the meaning or context hereof include its success or sand permitted as signs)

AND

..... (Name and Address of the
 Individual/firm/Company) through..... (Hereinafter referred to as the
 (Details of duly authorized signatory)

“**Bidder/Contractor**” and which expression shall unless repugnant to the meaning or context hereof include its success or sand permitted as signs)

Preamble

WHEREAS, the Principal/Owner has floated the **Tender (NIT No. AIIMS/BBSR/ENGG/ELECT/22/2026** (here in after refer red to as “**Tender/Bid**”) and intends to award, under laid down organizational procedure, contract for : “ **Supply, Installation, Testing and Commissioning (SITC) of IP-based Biometric Fingerprint and RFID-based Access Control System for Entrance Area at New Administrative Building of All India Institute of Medical Sciences Bhubaneswar...**”

AND WHEREAS the Principal/Owner values full compliance with all relevant laws of the Land, Rules & Regulations, Economic use of resources, and fairness/ transparency in its relationship with its Bidder(s) and Contractor(s).

AND WHEREAS to meet the purpose afore said both the parties have agreed to enter to this Agreement (hereinafter referred to as “**Pact**”), the terms and conditions of which shall also be read as an integral part and parcel of the Tender/Bid documents and Contract between the parties.

NOW, THEREFORE, in consideration of mutual covenants contained in this Pact, the parties hereby agree as follows and this Pact witnesses as under: -

Article - 1: Commitment of the Principal/Owner.

1. The Principal/Owner commits itself to take all measures necessary to prevent corruption and to observe the following principles:

(a) No employee of the Principal/Owner, personally or through any of his/her family members, will in connection with the Tender, or the execution of the Contract, demand, take a promise for or accept, for self or third person, any material or immaterial benefit which the person is not legally entitled to.

(b) The Principal/Owner will, during the Tender process, treat all Bidder(s) with equity and reason. The Principal/Owner will, in, before and during the Tender process, provide to all Bidder(s) the same information and will not provide to any Bidder(s) confidential/additional information through which the Bidder(s) could obtain an advantage in relation to the Tender processor the Contract execution.

(c) The Principal/Owner shall endeavor to exclude from the Tender process any person, whose conduct in the past has been of biased nature.

2. If the Principal/Owner obtains information on the conduct of any of its employees which is a criminal offense under the Indian Penal Code (IPC)/Prevention of Corruption Act, 1988 (P C Act) or is in violation of the principles herein mentioned or if there be a substantive suspicion in this regard, the Principal/Owner will inform the Chief Vigilance Officer and in addition can also initiate disciplinary actions as per its internal laid down policies and procedures.

Article - 2: Commitment of the Bidder(s)/Contractor(s)

1. It is required that each Bidder/Contractor (including their respective officers, employees, and agents) adhere to the highest ethical standard and makes, and report to the Government/Department all suspected acts of **fraud or corruption, or Coercion or Collusion** of which it has knowledge or becomes aware, during the tendering process and throughout the negotiation or award of a contract.

2. The Bidder(s)/Contractor(s) commit himself to taking all measures necessary to prevent corruption. He commits himself to observe the following principles during his participation in the Tender process and during the Contract execution: -

(a) The Bidder(s)/Contractor(s) will not, directly or through any other person or firm, offer, promise or give to any of the Principal/Owner's employees involved in the Tender process or execution of the Contract or to any third person any material or other benefit which he/she is not legally entitled to, in order to obtain in exchange any advantage of any kind what so ever during the Tender process or during the execution of the Contract.

(b) The Bidder(s)/Contractor(s) will not enter with other Bidder(s) into any undisclosed agreement or understanding, whether formal or informal. This applies to prices, specifications, certifications, subsidiary contracts, submission or non-submission of bids, or any other actions to restrict competitiveness or to cartelize in the bidding process.

(c) The Bidder(s)/Contractor(s) will not commit any offense under the relevant IPC/PC Act. Further, the Bidder(s)/Contractor(s) will not use improperly, (for the purpose of competition or personal gain), or pass on to others, any information or documents provided by the Principal/Owner as part of the business relationship, regarding plans, technical proposals and business details, including information contained or transmitted electronically.

(d) The Bidder(s)/Contractor(s) of foreign origin shall disclose the names and addresses of agents/representatives in India, if any. Similarly, Bidder(s)/Contractor(s) of Indian Nationality shall disclose names and addresses of foreign agents/representatives, if any. Either the Indian agent on behalf of the foreign principal or the foreign principal directly could bid in a tender but not both. Further, in cases where an agent participates in a tender on behalf of one manufacturer, he shall not be allowed to quote on behalf of another manufacturer along with the first manufacturer in a subsequent/parallel tender for the same item.

(e) The Bidder(s)/Contractor(s) will, when presenting his bid, disclose any and all payments he has made, is committed to, or intends to make to agents, brokers, or any other intermediaries in connection with the award of the Contract.

3. The Bidder(s)/Contractor(s) will not instigate third persons to commit offenses outlined above or be an accessory to such offenses.

4. The Bidder(s)/Contractor(s) will not, directly or through any other person or firm indulge in fraudulent practice **means a willful misrepresentation or omission of facts or submission of fake/forged documents in order to induce a public official to act in reliance thereof, with the purpose of obtaining unjust advantage by or causing damage to a justified interest of others and/or to influence the procurement process to the detriment of the Government interests.**

5. The Bidder(s)/Contractor(s) will not, directly or through any other person or firm use Coercive Practices (means the act of obtaining something, compelling an action, or influencing a decision through intimidation, threat, or the use of force directly or indirectly, where potential or actual injury may befall upon a person, his/her reputation or property to influence their participation in the tendering process).

Article - 3: Consequences of Breach.

Without prejudice to any rights that may be available to the Principal/Owner under law or the Contract or its established policies and laid down procedures, the Principal/Owner shall have the following rights in case of breach of this Integrity Pact by the Bidder(s)/Contractor(s) and the Bidder/Contractor accepts and undertakes to respect and uphold the Principal/Owner's absolute right: -

1. If the Bidder(s)/Contractor(s), either before award or during the execution of the Contract has committed a transgression through a violation of Article-2 above or in any other form, such as to put his reliability or credibility in question, the Principal/Owner after giving 14 days' notice to the contractor shall have power to disqualify the Bidder(s)/Contractor(s) from the Tender process or terminate/determine the Contract, if already executed or exclude the Bidder/Contractor from future contract award processes. The imposition and duration of the exclusion will be determined by the severity of transgression and determined by the Principal/Owner. **Such exclusion may be in force for a limited period as decided by the Principal/Owner.**

2. **Forfeiture of Performance Guarantee/Security Deposit:** If the Principal/Owner has disqualified the Bidder(s) from the Tender process prior to the award of the Contract or terminated/determined the Contractor has accrued the right to terminate/determine the Contract according to Article-3(1), the Principal/Owner apart from exercising any legal rights that may have accrued to the Principal/Owner, may in its considered opinion forfeit the entire amount of Performance Guarantee and Security Deposit of the Bidder/Contractor.

3. **Criminal Liability:** If the Principal/Owner obtains knowledge of the conduct of a Bidder or Contractor, or of an employee or a representative or an associate of a Bidder or Contractor which constitutes corruption within the meaning of the IPC Act, or if the Principal/Owner has substantive suspicion in this regard, the Principal/Owner will inform the same to law enforcing agencies for further investigation.

Article - 4: Previous Transgression.

1. The Bidder declares that no previous transgressions occurred in the last 05 years with any other Company in any country confirming to the anticorruption approach or with Central Government or State Government or any other Central/State Public Sector Enterprises in India that could justify his exclusion from the Tender process.

2. If the Bidder makes an incorrect statement on this subject, he can be disqualified from the Tender process or action can be taken for banning of business dealings/holiday listing of the Bidder/Contractor as deemed fit by the Principal/Owner.

3. If the Bidder/Contractor can prove that he has resorted/recouped the damage caused by him and has installed a suitable corruption prevention system, the Principal/Owner may, at its own discretion, revoke the exclusion prematurely.

Article - 5: Equal Treatment of all Bidders/Contractors/Sub-contractors.

1. The Bidder(s)/Contractor(s) undertake(s) to demand from all sub-contractors a commitment in conformity with this Pact. The Bidder/Contractor shall be responsible for any violation(s) of the principles laid down in this agreement/Pact by any of its Sub-contractors/sub-vendors.

2. The Principal/Owner will enter Pacts on identical terms as this one with all Bidders and Contractors.

3. The Principal/Owner will disqualify Bidders, who do not submit, the duly signed Pact between the Principal/Owner and the bidder, along with the Tender, or violate its provisions at any stage of the Tender process, from the Tender process.

Article - 6: Duration of the Pact.

1. This Pact begins when both parties have legally signed the edit. It expires for the Contractor/Vendor 12 months after the completion of work under the contract till the continuation of the defect liability period,

whichever is more, and for all other bidders, till the Contract has been awarded.

2. If any claim is made/lodged during the time, the same shall be binding and continue to be valid despite the lapse of this Pacts as specified above, unless it is discharged/determined by the Competent Authority, AIIMS, Bhubaneswar.

Article - 7: Other Provisions.

1. This Pact is subject to Indian Law, place of performance and jurisdiction is the **Bhubaneswar** of the Principal/Owner, who has floated the Tender.

2. Changes and supplements need to be made in writing. Side agreements have not been unmade.

3. If the Contractor is a partnership or a consortium, this Pact must be signed by all the partners or by one or more partner's holding power of attorney signed by all partners and consortium members. In the case of a Company, the Pact must be signed by a representative duly authorized by board resolution.

4. should one or several provisions of this Pact turnout to be invalid; the remainder of this Pact remains valid. In this case, the parties will strive to come to an agreement to their original intensions.

5. It is agreed to terms and conditions that any dispute or difference arising between the parties with regard to the terms of this Agreement/Pact, any action taken by the Owner/Principal in accordance with this **Agreement/Pact, or interpretation thereof shall not be subject to arbitration.**

Article - 8: LEGAL AND PRIOR RIGHTS.

All rights and remedies of the parties hereto shall be in addition to all the other legal rights and remedies belonging to such parties under the Contract and/or law and the same shall be deemed to be cumulative and not alternative to such legal rights and remedies aforesaid. For the sake of brevity, both Parties agree that this Integrity Pact will have precedence over the Tender/Contact documents with regard any of the provisions covered under this Pact.

Article – 9: Terms And Conditions of Payment

- (i) The full & final payments for the work shall be released as per the actual measurement of the work executed at the site by AIIMS, Bhubaneswar. (No provision of RA Bill for this contract)
- (ii) The Security Deposit @ 2.5% of the gross amount of the bill shall be deducted from the running bills, which shall be released after the successful completion of the DLP period from the date of completion of work, without any interest thereupon.
- (iii) 1% of labour cess will be deducted from bills.
- (iv) Delivery Challan of all the material supplied.
- (v) Warranty/Guarantee Certificate if applicable.
- (vi) GST return up-to-date Voucher.
- (vii) No claim certificate (Final bill).
- (viii) The Income Tax as application shall be deducted from the bills unless exempted by the Income Tax Department.
- (ix) In case of any failure of / delay in services, the penalty shall be invoked as per Clause-2 of GCCof CPWD works-2023.
- (x) All melba/rubbish/waste, garbage, etc generated due to any work by the agency, the same shall be disposed of by the Agency to the authorized municipal dumping ground and nothing extra shall be paid on this account. In case of non-removal/disposal in the specified period, a compensation of ₹ 1000/- (Rupee One Thousand only) per day shall be recovered from the Agency.
- (xi) The agency shall submit the final bill along with all the documents related to all schedule registers, documents, etc. related to the work.

The other terms and conditions are stated below: -

- (a) All the Terms & conditions of the Tender document will form as the part of this Agreement.
- (b) The agency shall be solely responsible for compliance to provisions of various Labour, Industrial, and any other Laws applicable and all Statutory Obligations such as Wages, Allowances, Compensations, EPF, Bonus, Gratuity, ESI, etc. relating to personnel deployed in AIIMS, Bhubaneswar. The client shall have no liability in this regard.
- (c) The Agency shall be solely responsible for any Accident/Medical/Health related Liabilities/Compensation for the personnel deployed at it at AIIMS, Bhubaneswar site. The Client shall have no liability in this regard.
- (d) Any violation of Instructions/Agreement or Suppression of facts will attract cancellation of Agreement without any reference or any notice period.
- (e) The Contract can be terminated by giving 01 (One) Month Notice by the AIIMS, Bhubaneswar.
- (f) In case of Non-Compliance with the contract, the Client reserves its right to: -
 - (i) Cancel/Revoke the contract; **and/or**
 - (ii) Impose a penalty up to 10% of the total Value of the Contract.
- (g) Performance Security of 5 % of the Contract Value, in the form of a Fixed Deposit Receipt or Bank Guarantee form a scheduled Bank shall be furnished by the Agency at the time of signing of the Agreement.
- (h) There would be no increase in rates payable to the Agency during the Contract Period except any revision by the MoH & FW, Govt. of India.
- (i) The Agency also agrees to comply with the annexed Terms & Conditions of the Tender and amendments thereto from time to time.
- (j) The decision of the Client regarding the interpretation of the Terms & Conditions of the Tender shall be final and binding on the Agency.
- (k) The Agency shall ensure full compliance with the Tax Laws of India with regard to this contract and shall be solely responsible for the same. The Agency shall keep Client fully indemnified against liability of Tax, Interest, Penalty, and any other legal Liability, etc. of the Agency in respect thereof, which may arise. No Service Tax will be paid by AIIMS, Bhubaneswar. The Books of Accounts of the Agency, as regards this outsourcing work, shall be open for examination by the Institute as and when required.
- (l) In case of any dispute between the Agency and Client, the Client shall have the right to decide. However, all matters of jurisdiction shall be at the Local Courts of Bhubaneswar.
- (m) THIS AGREEMENT will take effect from the _____ day of _____ Month of _____ 20.....(.....)
- (n) This day of _____ 20....., both the parties here to have caused their respective common seals to be hereunto affixed (or have hereunto set their respective hands and seals) the day and year mentioned above in Bhubaneswar in the presence of the witness: -

For and on behalf of the 'AIIMS, Bhubaneswar'**For and on behalf of the 'Agency'**

Signature of the Authorized Official
(Name of the Official with Seal)

Signature of the Authorized Official
(Name of the Official with Seal)

By the said _____
_____**(Name)**
_____ **on behalf of ‘Agency’**
in the presence of the Witness _____
Name _____
Address _____

By the said _____
_____**(Name)**
_____ **on behalf of ‘Agency’**
in the presence of the Witness _____
Name _____
Address _____

Annexure – IX**PROFORMA OF SCHEDULES****SCHEDULE 'A'****Schedule of quantities: - (ENCLOSED at Page 67)****SCHEDULE 'B'****Schedule of materials to be issued to the contractor.**

<u>Ser. No.</u>	<u>Description of item</u>	<u>Quantity</u>	<u>Rates in figures & words at which the material will be charged to the contractor</u>	<u>Place of issue</u>
<u>(1)</u>	<u>(2)</u>	<u>(3)</u>	<u>(4)</u>	<u>(5)</u>
<u>NIL.</u>				

SCHEDULE 'C'**Tools and plants to be hired to the contractor**

<u>Ser. No.</u>	<u>Description</u>	<u>Hire charges per day</u>	<u>Place of Issue</u>
<u>(1)</u>	<u>(2)</u>	<u>(3)</u>	<u>(4)</u>
<u>NIL</u>			

SCHEDULE 'D'**Additional Condition and specifications: Enclosed.****SCHEDULE 'E'****(Reference to General conditions of Contract.)**

Name of Work **“Supply, Installation, Testing and Commissioning (SITC) of IP-based Biometric Fingerprint and RFID-based Access Control System for Entrance Area at New Administrative Building of All India Institute of Medical Sciences Bhubaneswar.”**

Estimated Cost of Work ₹ **11,86,173.00** /- including GST.

(a)	Earnest Money	=	<u>02% of Estimated Cost.</u>
(b)	Performance Guarantee	=	<u>05% of Tendered Value</u>
(c)	Security Deposit	=	<u>2.5% of Tendered Value</u>

SCHEDULE 'F'**GENERAL RULES & DIRECTIONS:****Officer Inviting Tender: - Executive Engineer (Elect.), AIIMS, Bhubaneswar**

Maximum percentage for quantity of items of work to be executed beyond which rates are to be determined: -

In accordance with Clause -12.2 &12.3 = 100%

Definitions**See below**

2 (v)	Engineer-in-Charge	Executive engineer , Electrical AIIMS, Bhubaneswar
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Executive Engineer (Elect.)

eNIT-ELECT/22/2026

(Signature of the Bidder with Seal)

2(viii)	Accepting Authority	Executive Director AIIMS, Bhubaneswar
2(x)	Percentage on cost of materials and labor to cover all over heads and profit	15%
2(xi)	Standard Schedule of Rates	Central Public Works Department Delhi Schedule of Rates (E & M) - 2025 with up to date correction slips
9(ii)	Standard AIIMS Contract Form	CPWD GCC Construction Works - 2023 as amended and up to and including correction slip

(i)	Time allowed for submission of Performance guarantee, Program Chart: (Time & Progress) and applicable Labor Licenses, Registration with EPFO, ESIC & BOCW Welfare Board or proof of applying thereof from the date of issue of letter of acceptance	07 Days
(ii)	Maximum allowable Extension with late fee @ 0.1% of Performance: guarantee amount beyond the period provided in (i) above.	01 to 15 days.

Clause – 2.

Authority for fixing compensation under Clause 2 : Executive Director, AIIMS, Bhubaneswar

Clause – 2A.

Whether Clause 2A shall be applicable : No

Clause – 5.

Time allowed for execution of work	:	45 days
Time of start of work:	:	Within Seven days after issue of Award of work Order

Sl no	Description of Milestone	Time Allowed in days	Amount to be withheld in case of non achievement of Milestone
1	Submission of structural drawing after vetting by Structural Engineer of any reputed Govt. Institute/Organisation	10 days	
2	Supply of all materials as per BOQ	20 days	
3	Installation ,testing and commissioning	15 days	
Authority to decide fair & reasonable extension of time: for completion of work		Engineer In Charge, AIIMS, Bhubaneswar	
Rescheduling of Milestones		Superintending Engineer, AIIMS, Bhubaneswar	

Clause – 6.

Whether Clause 6 (Computerized MB) shall be applicable : **Yes**

Clause – 7A.

Whether clause 7A shall be applicable : **YES.**

Clause – 10B.

Whether Clause 10B(i) shall be applicable : **YES.**

Clause – 10C. : **Not applicable.**

Clause – 10CC : **Not applicable.**

Clause – 11. : **CPWD General Specification for Electrical Works 2023**

Clause – 16.

Competent Authority for deciding reduced rates	:	Superintending Engineer AIIMS, Bhubaneswar
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Clause – 25.

(i) <u>Conciliator</u>	:	Dispute Redressal Committee (DRC) to be constituted by Executive Director, AIIMS, Bhubaneswar
(ii) <u>Arbitrator Appointing Authority</u>	:	Executive Director, AIIMS, Bhubaneswar
(iii) <u>Place of Arbitration</u>	:	Bhubaneswar

Clause – 32. Requirement of Technical Staff and rate of recovery in case of non-compliance shall be as per the following table :-

Value of Work	Ser. No	Minimum qualification of Technical Representative	Discipline	Designation (Principal Technical/ Technical representative)	Minimum Experience in years	Number	Rate at which recovery shall be made from the Agency in the event of not fulfilling provision of clause32	
							(Figures)	(Words)
For Agreement amount upto Rs150 Lakhs	(a)	Graduate Engineer OR Diploma Engineer	Elect.	Principal Technical representative	02 years for Graduate Engineer/ 05 years for Diploma Engineer	2	Rs 30000.00/-	Rs. Thirty Thousand only

Annexure – X**TECHNICAL SPECIFICATION COMPLIANCE SHEET**

Sl.No:1 :Supply, Installation, Testing and Commissioning (SITC) of Fingerprint and RFID Card-based Access Control Controller, suitable for access control at entry points, complete with all necessary hardware, and accessories including mounting kit , as per the specifications, Complete in all respects as per specifications and directions of Engineer-in-Charge.

Parameters		Minimum Technical Details	Compliance (Yes/No)	Remarks
General	Credential Support	Finger, Card, Bluetooth		
	Card Type	EM Proximity Card		
	Template Storage Capacity	25,000 (1:N) And 100,000 (1:1)		
Capacity	User	50,000		
	Cards Per User	2		
	Events Buffer	5,00,000		
Communication	RS-485	Yes		
	RS-232	Yes		
	Wifi	Yes (IEEE 802.11 b/g/n)		
	Ethernet	Yes (10/100 Mbps)		
	Wiegand	Wiegand IN/OUT Available		
	Bluetooth	Yes (BLE 4.0)		
	PoE	Yes (IEEE 802.3 af)		
Interfaces	Exit Switch	Yes		
	Door Status Sense	Yes (2 State)		
	Door Lock Relay	Internal 12V DC @ 0.250 Amp		
	Door Lock Power	Internal 12VDC @ 0.5A or External		
	Reader Interface types	RS 232, and Wiegand IN/OUT		
Audio-visual	Buzzer	Yes		
	LED	Single LED (Tri-Color)		
Configuration	CPU	Cortex A8 800 MHz		
	Flash Memory	512 MB		
	RAM Memory	512 MB DDR3 RAM		
Environmental	Operating Temperature	0°C to +50°C (32°F to 122°F)		
	Humidity	5% to 95% RH Non-Condensing		
Others	System Integration	Software API for Software Integration		
	Operational Mode	Server mode (with or without Site Controller) with the proposed On premise/Cloud software Standalone mode with Standalone Site Controller		
	Tamper Detection	Yes		
	Real Time Clock	NTP Server/ GPS Clock		
	IP65	Verified		
	Certification	BIS, CE, FCC, RoHS		
	Mounting	Vertical Wall Mount		
	Sensor Technology	Suprema Optical Sensor		
OEM shall have existing capability and infrastructure to provide technical support as well as their own factory in India. OEM should be a registered business entity in India with their own office in India.				
The OEM shall have its own in-house, government-registered R&D facility in India, and should not outsource any development, design or research activities, submit the undertaking on OEM Letterhead.				

Also, R&D registration certificate issued by a government body must be attached as proof.		
OEM shall have ISO14001, ISO 20000, ISO 27001, ISO 45001 and ISO 9001 certificates. CE and FCC Certifications should be from NABL/ILAC/ Govt. accredited laboratories.		
The Bidder is required to upload, along with the bid, all relevant certificates such as BIS certificate, type test certificate, approval certificates and other such certificates as prescribed in the Product Specifications given in the bid document.		
OEM should not be blacklisted by any Central/State Govt. Organization, PSU, Public Listed Company or Indian Army.		
Item Make & Model (To be mention here) :		
Note:		
I.	The bidder shall submit a duly filled, signed, and stamped Technical Specification Compliance Sheet against each item of the tender. The Compliance Sheet must be provided on the bidder's official letterhead and signed by an authorized signatory. Further, the bidder shall submit the original Technical Data Sheet/brochure issued by the OEM in support of the offered product specifications. Any bid that fails to comply with the above requirements, or submits incomplete/unsigned documents, shall be treated as technically non-responsive and shall be rejected during the Technical Bid Evaluation stage without further consideration	
II.	The quoted product features shall be supported by the OEM's official datasheet published on the OEM's website. Submission of the OEM datasheet along with the bid is mandatory. Non-submission or submission of unsupported/locally modified datasheets shall result in rejection of the bid as technically non-responsive at the Technical Bid stage, without any further correspondence	
III.	The OEM shall submit Warranty Certificates , duly issued on OEM letterhead and indicating the serial numbers of the supplied items, at the time of delivery. Failure to submit the same shall render the materials liable for rejection.	
IV.	Land Border Clause: The country of origin of the quoted product must not be any country sharing a land border with India. A valid Country of Origin certificate/document must be submitted on the OEM's official letterhead, duly signed by an authorized signatory of the OEM. Failure to submit the same shall result in rejection of the bidder without any further correspondence.	
V.	Authorized Service Centre: The OEM must have an authorized local service Centre in India, equipped with all required facilities and infrastructure for providing service support. A valid reference certificate/document confirming the same must be submitted on the OEM's official letterhead, duly signed by an authorized signatory of the OEM. Failure to submit the required document shall result in rejection of the bidder without any further correspondence.	

Sl.no: 02 Supply, Installation, Testing and Commissioning (SITC) of Fingerprint and RFID Card-based Access Reader. suitable for access control at exit points, including mounting kit complete with all necessary hardware, and accessories including mounting kit , as per the specifications, Complete in all respects as per specifications and directions of Engineer-in-Charge.

Parameters		Minimum Technical Details	Compliance (Yes/No)	Remarks
General	Credential Support	Fingerprint and Card		
	Sensor	Optical		
	Type of Card	EM Proximity		
Communication	RS 232	Yes		
	RS 485	Yes		
Audio-visual	Buzzer	Yes		
	LED	Single LED (Tri-Color)		
Electrical	Input Power	12 VDC @ 0.1A		
Environmental	Humidity	5% to 85% RH Non-Condensing		
	Operating Temperature	0°C to + 50°C (32°F to 122°F)		
Others	Tamper Detection	Yes		
	IP 65	Verified		
	Mounting	Vertical Wall Mount		
Sensor	Sensor Technology	Suprema Optical Sensor		
	Image Resolution in DPI	500		
	Water-proof	IP 65, Scratch Resistance		
	Template Size	384 bytes		

OEM shall have existing capability and infrastructure to provide technical support as well as their own factory in India. OEM should be a registered business entity in India with their own office in India. Submit Certificate of Incorporation under the provisions of companies Act, 1956.		
The OEM shall have its own in-house, government-registered R&D facility in India, and should not outsource any development, design or research activities, submit the undertaking on OEM Letterhead. Also, R&D registration certificate issued by a government body must be attached as proof.		
OEM should have ISO14001, ISO 20000, ISO 27001, ISO 45001 and ISO 9001 certificates. CE and FCC Certifications should be from NABL/ILAC/ Govt. accredited laboratories.		
The Bidder is required to upload, along with the bid, all relevant certificates such as BIS certificate, type test certificate, approval certificates and other such certificates as prescribed in the Product Specifications given in the bid document.		
OEM should not be blacklisted by any Central/State Govt. Organization, PSU, Public Listed Company or Indian Army.		
Item Make & Model (To be mention here) :		
Note:		
I.	The bidder shall submit a duly filled, signed, and stamped Technical Specification Compliance Sheet against each item of the tender. The Compliance Sheet must be provided on the bidder's official letterhead and signed by an authorized signatory. Further, the bidder shall submit the original Technical Data Sheet/brochure issued by the OEM in support of the offered product specifications. Any bid that fails to comply with the above requirements, or submits incomplete/unsigned documents, shall be treated as technically non-responsive and shall be rejected during the Technical Bid Evaluation stage without further consideration	
II.	The quoted product features shall be supported by the OEM's official datasheet published on the OEM's website. Submission of the OEM datasheet along with the bid is mandatory. Non-submission or submission of unsupported/locally modified datasheets shall result in rejection of the bid as technically non-responsive at the Technical Bid stage, without any further correspondence	
III.	The OEM shall submit Warranty Certificates , duly issued on OEM letterhead and indicating the serial numbers of the supplied items, at the time of delivery. Failure to submit the same shall render the materials liable for rejection.	
IV.	Land Border Clause: The country of origin of the quoted product must not be any country sharing a land border with India. A valid Country of Origin certificate/document must be submitted on the OEM's official letterhead, duly signed by an authorized signatory of the OEM. Failure to submit the same shall result in rejection of the bidder without any further correspondence.	
V.	Authorized Service Centre: The OEM must have an authorized local service Centre in India, equipped with all required facilities and infrastructure for providing service support. A valid reference certificate/document confirming the same must be submitted on the OEM's official letterhead, duly signed by an authorized signatory of the OEM. Failure to submit the required document shall result in rejection of the bidder without any further correspondence.	

Sl.no: 03: Supply, Installation, Testing and Commissioning (SITC) of IP-based Biometric Fingerprint and RFID Card-based Access Controller with Display for Enrollment of User, including mounting kit , suitable for access control at entry/exit points, with inbuilt display for user interface and status indication. Complete in all respects as per specifications and directions of Engineer-in-Charge.

	Parameters	Minimum Technical Details	Compliance (Yes/No)	Remarks if any
General	Credential Support	Finger, Card, PIN and Bluetooth		
	User Capacity	50,000		
	IP65	Verified		
	Type of Card	EM Prox/ HID Prox/HID iClass/Mifare/Desfire (Appropriate Card Module Required)		
Display	Display	3.5" TFT Display with Capacitive Touch Panel		
	Display Size	320 x 240		
Capacity	Cards Per User	2		
	Template Per User	Up to 10 (Single Template per Finger Mode)		
		Up to 5 (Dual Template per Finger Mode)		
	Events Buffer	5,00,000		
	Template Storage Capacity	9600 in 1:N Mode and 1 lakh in 1:1 Mode		
Communication	Mobile	Yes (3G/4G/LTE Support)		

Executive Engineer (Elect.)

eNIT-ELECT/22/2026

(Signature of the Bidder with Seal)

	Broadband			
	Ethernet	Yes (10/100 Mbps on Ethernet)		
	Wi-Fi	Yes (802.11 b/g/n)		
	Bluetooth	Yes (8m range)		
	PoE	Yes (IEEE 802.3 af)		
Interfaces	Exit Switch	Yes		
	Door Status Sense	Programmable NO, NC, Supervised		
	Door Lock Relay	Yes (30VDC @ 1A, Dry Contacts NO/NC/COM)		
	Aux-IN	Yes		
	Aux-OUT	Yes		
	Reader Interface types	RS 232, and Wiegand IN/OUT		
	USB	1 USB Port (for Data Transfer and for 2G-3G Dongle)		
	Reader Types	1 Port for Card Reader / Finger Reader / Card Finger Combo Reader / Third Party Wiegand reader		
Audio-visual	Buzzer	Yes		
Configuration	CPU	800 MHz ARM Cortex A8 based Processor		
	Flash Memory	256 MB Flash		
	RAM Memory	512 MB DDR3 RAM		
	Micro SD Card	Yes (16 GB)		
Electrical	Input Power	12 VDC @ 2A		
	Reader Power Output	Internal 12 VDC @ 0.5 A or External		
Environmental	Humidity	5% to 95% RH Non-Condensing		
	Operating Temperature	0°C to + 45°C (32°F to 113°F)		
Others	System Integration	Software API for Software Integration		
	Operational Mode	Server mode(with or without Site Controller) with the proposed On premise/Cloud software Standalone mode with Standalone Site Controller		
	Tamper Detection	Yes		
	Certification	RoHS, CE, BIS, FCC		
	Real Time Clock	Rechargeable RTC with NTP Server/ GPS Clock		
	Mounting	Wall Mount		
	Sensor Technology	Suprema Optical Sensor		
	Image Resolution in DPI	500		
	Water-proof	IP65, Scratch Resistance		
Card support	CPM EM Prox	EM Proximity		
	CPM Mifare Smart	Mifare/Desfire		
	CPM HID I Class	HID Prox, HID i-class & Mifare/Desfire		
OEM shall have existing capability and infrastructure to provide technical support as well as their own factory in India.OEM should be a registered business entity in India with their own office in India. Submit Certificate of Incorporation under the provisions of companies Act, 1956.				
The OEM shall have its own in-house, government-registered R&D facility in India, and should not outsource any development, design or research activities, submit the undertaking on OEM Letterhead. Also, R&D registration certificate issued by a government body must be attached as proof.				
OEM should have ISO14001, ISO 20000, ISO 27001, ISO 45001 and ISO 9001 certificates. CE and FCC Certifications should be from NABL/ILAC/ Govt. accredited laboratories.				
The Bidder is required to upload, along with the bid, all relevant certificates such as BIS certificate, type test certificate, approval certificates and other such certificates as prescribed in the Product Specifications given in the bid document.				

OEM should not be blacklisted by any Central/State Govt. Organization, PSU, Public Listed Company or Indian Army.		
Item Make & Model (To be mention here) :		
Note:		
I.	The bidder shall submit a duly filled, signed, and stamped Technical Specification Compliance Sheet against each item of the tender. The Compliance Sheet must be provided on the bidder's official letterhead and signed by an authorized signatory. Further, the bidder shall submit the original Technical Data Sheet/brochure issued by the OEM in support of the offered product specifications. Any bid that fails to comply with the above requirements, or submits incomplete/unsigned documents, shall be treated as technically non-responsive and shall be rejected during the Technical Bid Evaluation stage without further consideration	
II.	The quoted product features shall be supported by the OEM's official datasheet published on the OEM's website. Submission of the OEM datasheet along with the bid is mandatory. Non-submission or submission of unsupported/locally modified datasheets shall result in rejection of the bid as technically non-responsive at the Technical Bid stage, without any further correspondence	
III.	The OEM shall submit Warranty Certificates , duly issued on OEM letterhead and indicating the serial numbers of the supplied items, at the time of delivery. Failure to submit the same shall render the materials liable for rejection.	
IV.	Land Border Clause: The country of origin of the quoted product must not be any country sharing a land border with India. A valid Country of Origin certificate/document must be submitted on the OEM's official letterhead, duly signed by an authorized signatory of the OEM. Failure to submit the same shall result in rejection of the bidder without any further correspondence.	
V.	Authorized Service Centre: The OEM must have an authorized local service Centre in India, equipped with all required facilities and infrastructure for providing service support. A valid reference certificate/document confirming the same must be submitted on the OEM's official letterhead, duly signed by an authorized signatory of the OEM. Failure to submit the required document shall result in rejection of the bidder without any further correspondence.	

Sl.No:4 :Supply, Installation, Testing and Commissioning (SITC) of Exit Switch (Push Button) made of high-quality fire-resistant PVC (Polyvinyl Chloride) or ABS plastic enclosure, suitable for access control systems, including mounting kit, Complete in all respects as per specifications and directions of Engineer-in-Charge.		
Minimum Technical Requirements	Compliance (Yes/No)	Remarks
Material: High-quality/Fire-resistant PVC (Polyvinyl Chloride) or ABS Plastic.		
Operation: Momentary Push Button.		
Contact Type: NO (Normally Open) / COM (Common) or 2-way.		
Voltage Rating: Typically DC 12V or 36V.		
Current Rating: 3A - 5A.		
Mechanical Life: 100,000 to 500,000 cycles.		
Temperature: -20°C to 55°C (operating range).		
Installation: Surface or Flush mount.		
Item Make & Model (To be mention here) :		
Note:		
The bidder shall submit a duly filled, signed, and stamped Technical Specification Compliance Sheet against each item of the tender. The Compliance Sheet must be provided on the bidder's official letterhead and signed by an authorized signatory. Further, the bidder shall submit the original Technical Data Sheet/brochure issued by the OEM in support of the offered product specifications. Any bid that fails to comply with the above requirements, or submits incomplete/unsigned documents, shall be treated as technically non-responsive and shall be rejected during the Technical Bid Evaluation stage without further consideration		

Sl.No:5 :Supply, Installation, Testing and Commissioning (SITC) of Electric Bolt Lock for Glass Door (Fail-Safe suitable for access control systems,including mounting kit, Complete in all respects as per specifications and dire Engineer-in-Charge.		
Minimum Technical Details	Compliance (Yes/No)	Remarks
Operating Voltage: 12V DC (with tolerance). Current Draw: ~500mA–900mA (pull-in), ~0.3A (holding). . Fail-Safe: Door opens when power is lost. Monitoring: Door position sensor (Reed) and lock status output. Material: Aluminum and stainless steel. Delay Timer: Typically, 0, 3, 6, or 9 seconds.		
Item Make & Model (To be mention here) :		
Note:		

The bidder shall submit a duly filled, signed, and stamped Technical Specification Compliance Sheet against each item of the tender. The Compliance Sheet must be provided on the bidder's official letterhead and signed by an authorized signatory. Further, the bidder shall submit the original Technical Data Sheet/brochure issued by the OEM in support of the offered product specifications. Any bid that fails to comply with the above requirements, or submits incomplete/unsigned documents, shall be treated as technically non-responsive and shall be rejected during the Technical Bid Evaluation stage without further consideration

Sl.No:7 :Supply, Installation, Testing and Commissioning (SITC) of Electromagnetic Door Lock with Feedback (Fail-Safe Type) for Glass door, suitable for access control systems,including mounting kit, Complete in all respects as per specifications and directions of Engineer-in-Charge.

Minimum Technical Details	Compliance (Y/N)	Remarks
Holding Force: Commonly available in 600 lbs (272–280 kg) or 1200 lbs (545–560 kg) variants. Operating Voltage: Typically 12V DC or 24V DC (often field-selectable). Current Draw: approximately 500mA at 12V and 250mA at 24V. Feedback Signal: A 5-wire integration providing NO/NC/COM (Normally Open, Normally Closed, Common) dry contacts. Operating Mode: Fail-safe, meaning the lock releases automatically when power is removed (ideal for fire safety). Construction: Anodized aluminum housing with a zinc or stainless-steel finish on the magnet and armature plate. Temperature Range: Reliable operation from -10°C to +55°C (14°F to 131°F).		

Item Make & Model (To be mention here) :

Note:

The bidder shall submit a duly filled, signed, and stamped Technical Specification Compliance Sheet against each item of the tender. The Compliance Sheet must be provided on the bidder's official letterhead and signed by an authorized signatory. Further, the bidder shall submit the original Technical Data Sheet/brochure issued by the OEM in support of the offered product specifications. Any bid that fails to comply with the above requirements, or submits incomplete/unsigned documents, shall be treated as technically non-responsive and shall be rejected during the Technical Bid Evaluation stage without further consideration

Sl.No:8:Supply, Installation, Testing & Commissioning of Electric Locking Device Mounting Bracket for Metal door suitable for access control systems, Complete in all respects as per specifications and directions of Engineer-in-Charge.

Minimum Technical Details	Compliance (Yes/No)	Remarks
Operating Voltage: 12V DC (with tolerance). Current Draw: ~500mA–900mA (pull-in), ~0.3A (holding). D. Fail-Safe: Door opens when power is lost. Monitoring: Door position sensor (Reed) and lock status output. Material: Aluminum and stainless steel. Delay Timer: Typically 0, 3, 6, or 9 seconds.		

Item Make & Model (To be mention here) :

Note:

The bidder shall submit a duly filled, signed, and stamped Technical Specification Compliance Sheet against each item of the tender. The Compliance Sheet must be provided on the bidder's official letterhead and signed by an authorized signatory. Further, the bidder shall submit the original Technical Data Sheet/brochure issued by the OEM in support of the offered product specifications. Any bid that fails to comply with the above requirements, or submits incomplete/unsigned documents, shall be treated as technically non-responsive and shall be rejected during the Technical Bid Evaluation stage without further consideration

Sl.NO-9 : Supply, laying, and dressing of Category-6 (UTP) data cable . The work includes pulling through conduits/trays, routing, tagging, ferruling, and proper termination at both ends with compatibility to specified network hardware, including all accessories and as per the directions of the Engineer-in-Charge.

SL No: 19	Minimum Technical Requirements	Compliance (Yes/No)	Remarks
1	Supply, laying, dressing, termination, testing and commissioning of Cat-6 UTP LSZH cable		

2	Cable type: Category 6 Unshielded Twisted Pair (UTP), 4 Pair		
3	Integral cross-member pair separator for uniform impedance		
4	Characteristic impedance: 100 Ω		
5	Compliance with ANSI/TIA/EIA-568-D-2018		
6	Compliance with ISO/IEC 11801-1		
7	Compliance with ISO/IEC 61156-5		
8	Suitable for 10GBASE-T as per IEEE 802.3an (up to 500 MHz, 55 m)		
9	Guaranteed transmission performance for 1 Gbps		
10	Conductor material: Solid copper		
11	Conductor diameter: 0.555 $\pm$ 0.01 mm (23 AWG)		
12	Insulation: Solid HD polyethylene		
13	Jacket type: LSZH		
14	Jacket compliance: IEC 60332-1-2, RoHS		
15	Jacket color: Grey / Blue		
16	Overall cable diameter: 6.0 $\pm$ 0.2 mm		
17	Operating temperature range: -20 $^{\circ}$ C to +70 $^{\circ}$ C		
18	Pulling force rating: $\geq$ 11.5 kg		
19	Bend radius (installation): $< 4 \times$ cable diameter		
20	Bend radius (operation): $< 4 \times$ cable diameter		
21	Conductor resistance: $< 9.38 \Omega / 100$ m		
22	Resistance unbalance: $\leq 5\%$		
23	Mutual capacitance: < 5.6 nF / 100 m		
24	Capacitance unbalance: ≤ 330 pF / 100 m		
25	Propagation velocity: $\geq 69\%$		
26	LSZH jacket tested by NABL / BIS accredited lab		
27	Cable UL listed		
28	Cable ETL verified		
29	ETL 4-connector channel test report for 100 m		
30	ETL 4-connector test report for short length (15 m)		
31	Zero Bit Error Test report submitted		
32	OEM must offer Make-in-India product		
33	All passive components (copper & fiber) from same OEM		
34	All passive items and components from same OEM		
35	OEM shall offer complete passive solution (copper + fiber)		
36	All passive Network items and components shall be from the same OEM		
37	OEM registered in India for minimum 10 years		
38	OEM shall be ESG rated , TIA/EIA 568-C.2 ; TIA/EIA 568-D.2 ; ISO/IEC 11801,RCDD-certified manpower in India ,direct service center in India,direct toll-free support number in India, own manufacturing facility in India		
39	OEM certifications: ISO 9001,ISO 14001,ISO 45001		
40	Product certification: CE , BICSI Corporate Member		
41	Product certification: RoHS		
42	Work includes pulling through conduits / trays		
43	Includes routing, dressing, tagging and ferruling		
44	Proper termination at both ends		
45	Compatible with specified active network hardware		
46	OEM must provide 25 year Performance warranty		

Item Make & Model (To be mention here) :**Note:**

- I. The bidder shall submit a duly filled, signed, and stamped Technical Specification Compliance Sheet against each item of the tender. The Compliance Sheet must be provided on the bidder's official letterhead and signed by an authorized signatory. Further, the bidder shall submit the original Technical Data Sheet/brochure issued by the OEM in support of the offered product specifications. Any bid that fails to comply with the above requirements, or submits incomplete/unsigned

	documents, shall be treated as technically non-responsive and shall be rejected during the Technical Bid Evaluation stage without further consideration
II.	The quoted product features shall be supported by the OEM's official datasheet published on the OEM's website. Submission of the OEM datasheet along with the bid is mandatory. Non-submission or submission of unsupported/locally modified datasheets shall result in rejection of the bid as technically non-responsive at the Technical Bid stage, without any further correspondence
III.	The OEM shall submit Warranty Certificates , duly issued on OEM letterhead and indicating the serial numbers of the supplied items, at the time of delivery. Failure to submit the same shall render the materials liable for rejection.
IV.	Land Border Clause: The country of origin of the quoted product must not be any country sharing a land border with India. A valid Country of Origin certificate/document must be submitted on the OEM's official letterhead, duly signed by an authorized signatory of the OEM. Failure to submit the same shall result in rejection of the bidder without any further correspondence.
V.	Authorized Service Centre: The OEM must have an authorized local service Centre in India, equipped with all required facilities and infrastructure for providing service support. A valid reference certificate/document confirming the same must be submitted on the OEM's official letterhead, duly signed by an authorized signatory of the OEM. Failure to submit the required document shall result in rejection of the bidder without any further correspondence.

Sl.No-10 : Supply, Installation, Testing & Commissioning of 24-Port PoE Switch with 2 SFP Uplinks, including all accessories and as per the directions of the Engineer-in-Charge.

Minimum Technical Details	Compliance (Yes/No)	Remarks
Fully-integrated Cloud-manageable Devices-Require no additional hardware (cloud keys, network portals, local servers, VPN or proxy appliances etc) to directly connect to the cloud and allow remote management. No additional hardware or software. Just switch to Insight Cloud Management mode through Web browser-based User Interface and go 1000BASE-T Copper Ethernet PoE+ connections-Support high-density VoIP, Surveillance and Wi-Fi AP deployments, scalable for future growth. Never face the risk of running out of PoE ports 1000BASE-X Fiber SFP ports -Two dedicated Gigabit SFP ports for aggregation to the network core. Support for Fiber and Copper modules. Low Acoustics-Temperature- and load-based fan-speed control allow for quiet operation in both desktop or rack mount configuration. Energy Efficient Ethernet (IEEE 802.3az)-Maximum power reduction for ongoing operation cost savings. Desktop and rack mount (kit available)-Flexible deployment on desktop and support rack mount. Kensington Lock Slot-Prevent theft, removal, or tampering when used for desktop deployment.		
Item Make & Model (To be mention here) :		
Note:		
I.	The bidder shall submit a duly filled, signed, and stamped Technical Specification Compliance Sheet against each item of the tender. The Compliance Sheet must be provided on the bidder's official letterhead and signed by an authorized signatory. Further, the bidder shall submit the original Technical Data Sheet/brochure issued by the OEM in support of the offered product specifications. Any bid that fails to comply with the above requirements, or submits incomplete/unsigned documents, shall be treated as technically non-responsive and shall be rejected during the Technical Bid Evaluation stage without further consideration	
II.	The quoted product features shall be supported by the OEM's official datasheet published on the OEM's website. Submission of the OEM datasheet along with the bid is mandatory. Non-submission or submission of unsupported/locally modified datasheets shall result in rejection of the bid as technically non-responsive at the Technical Bid stage, without any further correspondence	
III.	The OEM shall submit Warranty Certificates , duly issued on OEM letterhead and indicating the serial numbers of the supplied items, at the time of delivery. Failure to submit the same shall render the materials liable for rejection.	
IV.	Land Border Clause: The country of origin of the quoted product must not be any country sharing a land border with India. A valid Country of Origin certificate/document must be submitted on the OEM's official letterhead, duly signed by an authorized signatory of the OEM. Failure to submit the same shall result in rejection of the bidder without any further correspondence.	
V.	Authorized Service Centre: The OEM must have an authorized local service Centre in India, equipped with all required facilities and infrastructure for providing service support. A valid reference certificate/document confirming the same must be submitted on the OEM's official letterhead, duly signed by an authorized signatory of the OEM. Failure to submit the required document shall result in rejection of the bidder without any further correspondence.	

Sl.No:12 :Supply, Installation, Testing and Commissioning of Access Control Panel ,including all accessories and as per the directions of the Engineer-in-Charge.

Parameters		Minimum Technical Details	Compliance (Yes/No)	Remarks if any
	Events Buffer	5,00,000		
	Ethernet	255		
	Door Controllers on RS-485	32		
Communication	Ethernet	Yes (10/100 Mbps)		
	Wifi	Inbuilt Wi-Fi Module (IEEE 802.11 b/g/n)		
	RS-485	Yes		
	USB	1 USB Port (for Data Transfer and for 2G-3G-4G/Wi-Fi Dongle)		
	SD Card	Yes (8GB)		
Configuration	CPU	Cortex A8 800 MHz		
	Flash Memory	256 MB		
	RAM Memory	512 MB (DDR3 SDRAM @ 800MHz)		
	Operating system	Linux based OS		
Interfaces	AUX-IN Port	Yes (4 states - short, open, activated & non-activated)		
	AUX-OUT Port	Form C and SPDT Relay		
Operational modes	System Integration	API for software integration		
	Standalone Mode	Uses Built-in GUI to Control Door Controller and Users		
	Network Mode	Uses Feature and Capacity Enhancement for Access Control with Connection to Server		
Others	Tamper Detection	Yes		
	Certification	FCC, CE, RoHS		
	Mounting	Wall Mounting or Tabletop		
Audio-visual	Buzzer	Yes		
	LED	Tricolor LED (Power, Status & Alarm)		
Electrical	Input Power	External Power Adapter (12 VDC @ 2A)		
Environmental	Humidity	5% to 95% RH Non-Condensing		
	Operating Temperature	-10°C to +55°C (14°F to 131°F)		
OEM shall have existing capability and infrastructure to provide technical support as well as their own factory in India.OEM should be a registered business entity in India with their own office in India. Submit Certificate of Incorporation under the provisions of companies Act, 1956.				
The OEM shall have its own in-house, government-registered R&D facility in India, and should not outsource any development, design or research activities, submit the undertaking on OEM Letterhead. Also, R&D registration certificate issued by a government body must be attached as proof.				
OEM should have ISO14001, ISO 20000, ISO 27001, ISO 45001 and ISO 9001 certificates. CE and FCC Certifications should be from NABL/ILAC/ Govt. accredited laboratories.				
The Bidder is required to upload, along with the bid, all relevant certificates such as BIS certificate, type test certificate, approval certificates and other such certificates as prescribed in the Product Specifications given in the bid document.				
OEM should not be blacklisted by any Central/State Govt. Organization, PSU, Public Listed Company or Indian Army.				
Item Make & Model (To be mention here) :				
Note:				
I. The bidder shall submit a duly filled, signed, and stamped Technical Specification Compliance Sheet against each item of the tender. The Compliance Sheet must be provided on the bidder's official letterhead and signed by an authorized signatory. Further, the bidder shall submit the original Technical Data Sheet/brochure issued by the OEM in support of				

	the offered product specifications. Any bid that fails to comply with the above requirements, or submits incomplete/unsigned documents, shall be treated as technically non-responsive and shall be rejected during the Technical Bid Evaluation stage without further consideration
II.	The quoted product features shall be supported by the OEM's official datasheet published on the OEM's website. Submission of the OEM datasheet along with the bid is mandatory. Non-submission or submission of unsupported/locally modified datasheets shall result in rejection of the bid as technically non-responsive at the Technical Bid stage, without any further correspondence
III.	The OEM shall submit Warranty Certificates , duly issued on OEM letterhead and indicating the serial numbers of the supplied items, at the time of delivery. Failure to submit the same shall render the materials liable for rejection.
IV.	Land Border Clause: The country of origin of the quoted product must not be any country sharing a land border with India. A valid Country of Origin certificate/document must be submitted on the OEM's official letterhead, duly signed by an authorized signatory of the OEM. Failure to submit the same shall result in rejection of the bidder without any further correspondence.
V.	Authorized Service Centre: The OEM must have an authorized local service Centre in India, equipped with all required facilities and infrastructure for providing service support. A valid reference certificate/document confirming the same must be submitted on the OEM's official letterhead, duly signed by an authorized signatory of the OEM. Failure to submit the required document shall result in rejection of the bidder without any further correspondence.

L.No-14: Supply, Installation, Testing & Commissioning of RFID proximity cards compatible with access control system.

Parameters	Minimum Technical Requirements	Compliance (Y/N)	Remarks
Type	RFID Proximity Card (Low Frequency)		
Operating Frequency	125 kHz or 134.2 kHz		
Read Range	1 cm to 10 cm (depending on reader)		
Chip Type	EM4100 / TK4100 / EM4305 / T5577 or equivalent		
Memory	Minimum 64-bit UID or higher (as per chip type)		
Material	High-quality PVC, ISO standard card		
Card Size	ISO/IEC 7810 ID-1 standard (85.6 × 54 mm)		
Thickness	0.76 mm (CR80 standard)		
Printing	Plain / Pre-printed / Numbered (as required)		
Durability	Waterproof, dustproof, and wear-resistant		
Compatibility	Compatible with proposed Access Control System		
Operating Life	Minimum 1,00,000 read cycles		

Item Make & Model (To be mention here) :

Note:

- The bidder shall submit a duly filled, signed, and stamped Technical Specification Compliance Sheet against each item of the tender. The Compliance Sheet must be provided on the bidder's official letterhead and signed by an authorized signatory. Any bid that fails to comply with the above requirements, or submits incomplete/unsigned documents, shall be treated as technically non-responsive and shall be rejected during the Technical Bid Evaluation stage without further consideration

SL.No-15: SITC of Desktop with 22" FHD , Monitor (Core i3 Latest Gen, 8 GB RAM, 512GB SSD, monitor with wireless mouse keyboard, speaker) including all accessories and as per the directions of the Engineer-in-Charge.

Minimum Technical Details		Compliance (Y/N)	Remarks if any
Form Factor	Tower / Mini Tower desktop		
	Expandable chassis with provision for additional storage		
Processor	Latest generation Intel Core i3 (14th Gen) / equivalent AMD processor		

	Minimum 4 cores, 8 threads		
	Base frequency ≥ 3.5 GHz		
	Turbo frequency ≥ 4.5 GHz		
Chipset & Motherboard	Compatible OEM chipset		
	Support for DDR5 memory		
	TPM 2.0 support		
Memory (RAM)	Minimum 8 GB DDR5 RAM		
	Expandable up to minimum 32 GB		
	At least 2 DIMM slots		
Storage	Minimum 512 GB SSD (NVMe preferred)		
	Provision for additional storage expansion		
Graphics	Integrated graphics		
	Support for Full HD display		
	Minimum 2 display output ports (HDMI/DP/VGA combination)		
Networking & Connectivity	Integrated Gigabit Ethernet (10/100/1000 Mbps)		
	Built-in Wi-Fi (802.11ac or higher)		
	Built-in Bluetooth (v5.0 or higher)		
Ports & Interfaces	Front:		
	Minimum 2 × USB ports (USB 3.0 or higher)		
	Audio combo jack		
	SD Card Reader (preferred)		
	Rear:		
	Minimum 4 × USB ports		
	1 × RJ-45 Ethernet		
	Video outputs (HDMI/DisplayPort/VGA)		
Monitor	Audio in/out		
	Screen Size: 21.5” to 22” LED Monitor		
	Resolution: Full HD (1920 × 1080)		
	Aspect Ratio: 16:9		
	Panel Type: VA / IPS		
	Refresh Rate: Minimum 100 Hz		
	Response Time: ≤ 5 ms		
	Brightness: Minimum 250 nits		
	Contrast Ratio: Minimum 3000:1 (typical)		
	Color Support: 16.7 Million Colors, ≥72% NTSC		
	Connectivity: HDMI, DisplayPort, VGA		
	Stand: Tilt adjustable		
	Provision for wall/panel mounting		
Operating System	Preloaded Linux (Ubuntu latest LTS) / Windows		
	OEM preinstalled and activated		
Keyboard & Mouse	USB wired keyboard		
	USB optical mouse & 2 nos speaker		
	Same OEM preferred		
Installation & Commissioning	Complete installation at site		
	OS configuration and system testing		
	Demonstration to user		
Certifications	BIS compliant		
	Energy-efficient compliance (Energy Star/EPEAT preferred)		
	RoHS compliance		
Item Make & Model (To be mention here) :			
Note:			

I.	The bidder shall submit a duly filled, signed, and stamped Technical Specification Compliance Sheet against each item of the tender. The Compliance Sheet must be provided on the bidder's official letterhead and signed by an authorized signatory. Further, the bidder shall submit the original Technical Data Sheet/brochure issued by the OEM in support of the offered product specifications. Any bid that fails to comply with the above requirements, or submits incomplete/unsigned documents, shall be treated as technically non-responsive and shall be rejected during the Technical Bid Evaluation stage without further consideration
II.	The quoted product features shall be supported by the OEM's official datasheet published on the OEM's website. Submission of the OEM datasheet along with the bid is mandatory. Non-submission or submission of unsupported/locally modified datasheets shall result in rejection of the bid as technically non-responsive at the Technical Bid stage, without any further correspondence
III.	The OEM shall submit Warranty Certificates , duly issued on OEM letterhead and indicating the serial numbers of the supplied items, at the time of delivery. Failure to submit the same shall render the materials liable for rejection.
IV.	Land Border Clause: The country of origin of the quoted product must not be any country sharing a land border with India. A valid Country of Origin certificate/document must be submitted on the OEM's official letterhead, duly signed by an authorized signatory of the OEM. Failure to submit the same shall result in rejection of the bidder without any further correspondence.
V.	Authorized Service Centre: The OEM must have an authorized local service Centre in India, equipped with all required facilities and infrastructure for providing service support. A valid reference certificate/document confirming the same must be submitted on the OEM's official letterhead, duly signed by an authorized signatory of the OEM. Failure to submit the required document shall result in rejection of the bidder without any further correspondence.

Sl.No- 16: SITC of Desktop with (Core i7 Latest Gen) with 22" FHD Monitor, 8 GB DDR5 RAM (expandable), 512 GB SSD (NVMe preferred), with wireless mouse keyboard, speaker) including all accessories and as per the directions of the Engineer-in-Charge.

Minimum Technical Details		Compliance (Y/N)	Remarks if any
Form Factor	Tower / Mini Tower desktop		
	Expandable chassis with provision for additional storage		
Processor	Latest generation Intel Core i7 (14th Gen) / equivalent AMD Ryzen 7		
	Minimum 8 cores / 16 threads		
	Base frequency ≥ 2.5 GHz		
	Turbo frequency ≥ 4.5 GHz		
Chipset & Motherboard	Compatible OEM chipset		
	Support for latest generation processors		
	TPM 2.0 support		
	Secure BIOS with admin password protection		
Memory (RAM)	Minimum 8 GB DDR5 RAM		
	Expandable up to minimum 64 GB		
	Minimum 2 DIMM slots		
Storage	Minimum 512 GB SSD (NVMe preferred)		
	Provision for additional storage (HDD/SSD)		
Graphics	Integrated graphics		
	Support for Full HD and dual display output		
	Minimum 2 video outputs (HDMI/DisplayPort/VGA combination)		
Networking & Connectivity	Integrated Gigabit Ethernet (10/100/1000 Mbps)		
	Built-in Wi-Fi (802.11ac or higher)		
	Built-in Bluetooth (v5.0 or higher)		
Ports & Interfaces	Front:		
	Minimum 2 $\times$ USB ports (USB 3.0 or higher)		
	Audio combo jack		
	Rear:		
	Minimum 4 $\times$ USB ports		
	1 $\times$ RJ-45 Ethernet		

	Video outputs (HDMI / DisplayPort / VGA)		
	Audio in/out		
Monitor	Screen Size: 21.5” to 22” LED Monitor		
	Resolution: Full HD (1920 × 1080)		
	Aspect Ratio: 16:9		
	Panel Type: VA / IPS		
	Refresh Rate: Minimum 100 Hz		
	Response Time: ≤ 5 ms		
	Brightness: Minimum 250 nits		
	Contrast Ratio: Minimum 3000:1 (typical)		
	Color Gamut: ≥ 72% NTSC (CIE 1931)		
	Color Support: 16.7 Million Colors		
	Connectivity: HDMI, DisplayPort, VGA		
	Stand: Fixed with tilt adjustment		
	Provision for wall/panel mounting (VESA compatible)		
Operating System	Preloaded Linux (Ubuntu latest LTS) /windows		
	System should be fully compatible with Linux OS		
Keyboard & Mouse	USB wired keyboard		
	USB optical mouse & 2 nos speaker		
	Same OEM preferred		

Item Make & Model (To be mention here) :

Note:

I.	The bidder shall submit a duly filled, signed, and stamped Technical Specification Compliance Sheet against each item of the tender. The Compliance Sheet must be provided on the bidder's official letterhead and signed by an authorized signatory. Further, the bidder shall submit the original Technical Data Sheet/brochure issued by the OEM in support of the offered product specifications. Any bid that fails to comply with the above requirements, or submits incomplete/unsigned documents, shall be treated as technically non-responsive and shall be rejected during the Technical Bid Evaluation stage without further consideration
II.	The quoted product features shall be supported by the OEM's official datasheet published on the OEM's website. Submission of the OEM datasheet along with the bid is mandatory. Non-submission or submission of unsupported/locally modified datasheets shall result in rejection of the bid as technically non-responsive at the Technical Bid stage, without any further correspondence
III.	The OEM shall submit Warranty Certificates , duly issued on OEM letterhead and indicating the serial numbers of the supplied items, at the time of delivery. Failure to submit the same shall render the materials liable for rejection.
IV.	Land Border Clause: The country of origin of the quoted product must not be any country sharing a land border with India. A valid Country of Origin certificate/document must be submitted on the OEM's official letterhead, duly signed by an authorized signatory of the OEM. Failure to submit the same shall result in rejection of the bidder without any further correspondence.
V.	Authorized Service Centre: The OEM must have an authorized local service Centre in India, equipped with all required facilities and infrastructure for providing service support. A valid reference certificate/document confirming the same must be submitted on the OEM's official letterhead, duly signed by an authorized signatory of the OEM. Failure to submit the required document shall result in rejection of the bidder without any further correspondence.

Sl.No. 17.: Supply, Installation, Testing & Commissioning of Input/Output (I/O) controller suitable for access control system integration, including all accessories and as per the directions of the Engineer-in-Charge.

	Parameters	Minimum Technical Details		Compliance (Yes/No)	Remarks if any
General	Communication Mode	Ethernet and/or RS-485			
	Ethernet Speed	10/100 Mbps			
	Event Buffer	1,00,000			
Application	Access Control	Elevator Access Control			
	Linking	Input/Output Linking			
In/out	No. of Inputs	8 AUX Inputs			
	No. of Outputs	8 AUX Outputs			
	Input Type	Four State Supervised			

Executive Engineer (Elect.)

eNIT-ELECT/22/2026

(Signature of the Bidder with Seal)

	Output Type	28VDC @2A (Relay SPDT, FORM C)			
Hardware	CPU	PIC32 Microcontroller			
	Flash Memory	512 Kbytes			
	RAM Memory	128 Kbytes SRAM			
	Reset Switch	YES (for making device default)			
Electrical	Input Power	PoE (IEEE 802.3 af:12V DC @1A) OR External Power Adaptor (12VDC @2A)			
	Buzzer	Yes			
	LED	1 Dual Color LED (Device Status & Network Status)			
Environmental	Humidity	20% to 95% RH Non-Condensing			
	Operating Temperature	0°C to + 50°C (32°F to 122°F)			
Compatibility	System Integration	API for Software integration			
	Operational Mode	Server mode(with or without Site Controller) with the proposed On premise/Cloud software Standalone mode with Standalone Site Controller			
Certifications	Certificates	CE, RoHS and FCC			
OEM shall have existing capability and infrastructure to provide technical support as well as their own factory in India.OEM should be a registered business entity in India with their own office in India. Submit Certificate of Incorporation under the provisions of companies Act, 1956.					
The OEM shall have its own in-house, government-registered R&D facility in India, and should not outsource any development, design or research activities, submit the undertaking on OEM Letterhead. Also, R&D registration certificate issued by a government body must be attached as proof.					
OEM should have ISO14001, ISO 20000, ISO 27001, ISO 45001 and ISO 9001 certificates. CE and FCC Certifications should be from NABL/ILAC/ Govt. accredited laboratories.					
The Bidder is required to upload, along with the bid, all relevant certificates such as BIS certificate, type test certificate, approval certificates and other such certificates as prescribed in the Product Specifications given in the bid document.					
OEM should not be blacklisted by any Central/State Govt. Organization, PSU, Public Listed Company or Indian Army.					
Item Make & Model (To be mention here) :					
Note:					
I.	Submission of a duly filled, signed and stamped Technical Specification Compliance Sheet . The Compliance Sheet shall be submitted on the official letterhead and shall be signed by an authorized signatory. Any bid not complying with this requirement shall be treated as technically non-responsive and shall be summarily rejected during the Technical Bid evaluation stage.				
II.	The quoted product features shall be supported by the OEM's official datasheet published on the OEM's website. Submission of the OEM datasheet along with the bid is mandatory. Non-submission or submission of unsupported/locally modified datasheets shall result in rejection of the bid as technically non-responsive at the Technical Bid stage, without any further correspondence				
III.	The OEM shall submit Warranty and Test Certificates , duly issued on OEM letterhead and indicating the serial numbers of the supplied items, at the time of delivery. Failure to submit the same shall render the materials liable for rejection.				
IV.	At the time of delivery, the successful bidder shall submit an OEM-issued Warranty Certificate and Test Certificate for the supplied products. The certificates shall be issued on the OEM's official letterhead and shall clearly mention the serial numbers of the respective products. Non-submission of the required certificates shall constitute a breach of contract and may lead to rejection of the supplied materials in accordance with tender conditions.				
V.	Manufacturer Authorization Certificates (MAF) from the respective Original Equipment Manufacturer (OEM), as per Appendix-A , for the quoted items by the bidder as mentioned in NIT.				

Sl.No:18 :SITC of Access Control Software with User License (1000 Users, Web-Based, API Enabled)

Minimum Technical Details	Compliance (Yes/No)	Remarks
Built on 3-Tier, .NET Platform with MS-SQL and Oracle database, expandable and modular without change in the hardware		

Facilitates handling large corporations with multiple remote sites		
Supports automatic template distribution of credentials viz. palm vein, fingerprint, and RFID card		
Provides head count of number of users in the premises		
Provides basic door access feature to users		
Provides raw swipe events		
Allows configuration of various software modules		
Supports upto 65000 door controllers and 1 million users in the network		
Provides an administrator's interface to manage-monitor data and the individual application modules		
Provides creation of login roles & rights		
Provides user photo display on large screen during access		
Offers multiple user configuration at a time		
Provides a search tool to allow authorized system users to examine the audit log files		
Allows the assignment of operator levels to define the system components that each operator has access to view, operate, change or		
Facilitates the door controllers in network to automatically push the data to server		
Offers database browse-search functionality utilities to browse the database tables		
Supports Dynamic DNS facility, thus eliminating Static IP requirement		
Offers virtual message board facility for posting daily notices, news, announcements		
Offers integration through database to database, through API		
Allows integration with SAP, ERP, HRM, Payroll, Tally through Web API		
Provides integration with different hardware like door controllers, locks, readers, electronic door controlling devices, etc.		
Supports database posting, retrieval, removal, backup and restore options		
Supports Active Directory integration		
Supports automatic and customized SMS & E-mail notifications		
Offers generation of informative reports & charts with various filters, customized report templates; and export reports in Excel, Word,		
Supports automatic E-mail scheduler facility for different reports		
Supports automatic database backup facility at scheduled time		
Provides user enrolment management software module with user photograph upload facility, user verification functionality, mass		
Facilitates superlative range of flexible functions such as Multiple Organizations, Late-In, Early-Out Policy, Overtime Policy, Absenteeism		
Allows to create multiple branches, department, sections, designations, grades and categories		
Offers the leave management module covering different leave type creation, organization-wise leaves, leave request and approvals,		
Sends SMS / Email alerts for various pre-defined events such as User Events, Leave Application, Leave Approval/Rejection, Monthly		
Offers integration through API, database to database, and customized export template		
Allows seamless integration with third party Payroll, HRM, Tally, SAP, ERP, Active Directory, etc.		
Allows creating 150+ time-attendance, leave, and shifts related reports and colorful charts using various filters and formats, also offers		
Offers generation of various statutory reports		
Offers an option to assign a new shift automatically based on user's punch details		
Manages unlimited shifts and 999 schedules		
Manages continuous shifts as well as overnight shifts		
Interprets User punches for entry or exit depending on attendance policy configuration		
Monitors late-in entry and early-out exit of employees based on their shift timings		
Allows calculating overtime on a daily, weekly, or monthly basis		
Facilitates converting overtime hours to compensatory off hours and offer additional leave or encashment options		
Allows creating multiple shifts and schedules with break time, grace time, off day, repeat days, etc. to manage workforce of organization		
Allows creating 30 holiday schedule groups with 32 holidays in each group		
Facilitates corrections and manual entries of entry-exit events like attendance records, overtime/C-OFF hours, late-in/early-out timings,		
Send customized SMS and email messages to announce gatherings, meetings, latest news, changed rules, etc.		
Offers User-wise and Period-wise options with Late-In, Early-Out, Overtime, C-OFF and Absenteeism		

Policies		
Generates past adjustment data automatically and includes it into current month's salary calculations		
Offers generation of attendance summary that includes various employee data like attendance, leaves, weekly off and holidays		
Offers creating up to two levels of authorization for leaves and tour approval		
Facilitates defining common rules and parameters like number of duplicate punches allowed, auto shift correction, maximum late-in/early-		
Supports different access modes such as Palm Vein, Finger, Card,		
Real Time Monitoring and Database Storage to server through		
SMS and Email Notification during Access Rule Violation, Access Route Violation, Duress Detection, etc.		
Two person Authentication for high end security at defined Areas		
Anti-pass back restricts Second entry if exit punch not found for		
Integration with door lock and exit reader from single door controller		
Controls user in defined Areas, once the space exceeds the		
System controls the number of users within designated area.		
Avoids tail-gaiting of doors		
Centralized monitoring connecting multi-location from a central place		
Capable enough to control Door, and supply power to exit switch		
Read range of 5 cm - 7.5 cm when used with the accepted compatible access card technology.		
Zone, Time and User based Access		
Minimum 99 time-zones to grant time based access rights		
99 access zones with different access levels ranging from 0 to		
Facility to encode a unique number string in a card as well as door		
Feature for cardholder, when forced to open a door under duress, shall be able to send a high priority		
Integration with Fire Alarm, Video Surveillance for high-end security		
Motion sensor, beam detector, vibration sensor, panic button should		
Time stamping functionality takes snapshot of the person accessing		
Generation of various reports like Access Rule Violation, Guard Tour, Anti - Pass Back, Access Route Violation, etc in PDF, excel, word		
OEM shall have existing capability and infrastructure to provide technical support as well as their own factory in India. OEM should be a registered business entity in India with their own office in India. Submit Certificate of Incorporation under the provisions of companies Act, 1956.		
The OEM shall have its own in-house, government-registered R&D facility in India, and should not outsource any development, design or research activities, submit the undertaking on OEM Letterhead. Also, R&D registration certificate issued by a government body must be attached as proof.		
OEM should have ISO14001, ISO 20000, ISO 27001, ISO 45001 and ISO 9001 certificates. CE and FCC Certifications should be from NABL/ILAC/ Govt. accredited laboratories.		
The Bidder is required to upload, along with the bid, all relevant certificates such as BIS certificate, type test certificate, approval certificates and other such certificates as prescribed in the Product Specifications given in the bid document.		
Datasheets of the product(s) offered in the bid are to be uploaded along with the bid documents. Buyers can match and verify the Datasheets with the product specifications offered. In case of any unexplained mismatch of technical parameters, the bid is liable for rejection.		
OEM should not be blacklisted by any Central/State Govt. Organization, PSU, Public Listed Company or Indian Army.		
The country of origin of the quoted product must not be any country sharing a land border with India. A valid Country of Origin certificate/document must be submitted on the OEM's official letterhead, duly signed by an authorized signatory of the OEM. Failure to submit the same shall result in rejection of the bidder without any further correspondence.		
Item Make & Model (To be mention here) :		
Note:		
I. The bidder shall submit a duly filled, signed, and stamped Technical Specification Compliance Sheet against each item of the tender. The Compliance Sheet must be provided on the bidder's official letterhead and signed by an authorized signatory. Any bid that fails to comply with the above requirements, or submits incomplete/unsigned documents, shall be treated as technically non-responsive and shall be rejected during the Technical Bid Evaluation stage without further consideration		
II. Land Border Clause: The country of origin of the quoted product must not be any country sharing a land border with India. A valid Country of Origin certificate/document must be submitted on the OEM's official letterhead, duly signed by an		

	authorized signatory of the OEM. Failure to submit the same shall result in rejection of the bidder without any further correspondence.
III.	Authorized Service Centre: The OEM must have an authorized local service Centre in India, equipped with all required facilities and infrastructure for providing service support. A valid reference certificate/document confirming the same must be submitted on the OEM's official letterhead, duly signed by an authorized signatory of the OEM. Failure to submit the required document shall result in rejection of the bidder without any further correspondence.

Approved Make:-

List of approved make for “Supply, Installation, Testing and Commissioning (SITC) of IP-based Biometric Fingerprint and RFID-based Access Control System for Entrance Area at New Administrative Building of AIIMS Bhubaneswar.”.

1	Fingerprint and RFID Card-based Access Control Controller	Matrix/ Honeywell /Bosch
2	Fingerprint and RFID Card-based Access Reader	Matrix/ Honeywell /Bosch
3	IP-based Biometric Fingerprint and RFID Card-based Access Controller with Display	Matrix/ Honeywell /Bosch
4	Category-6 (UTP) data cable	RIT / Commscope/ Belden /Genius
5	PoE Switch	Netgear/CISCO/Allied Telesis
6	Access Control Panel	Matrix/ Honeywell /Bosch
7	Desktop	Asus/Dell/Lenovo
8	Input/Output (I/O) controller	Matrix/ Honeywell /Bosch
9	Access Control Software	Matrix/ Honeywell /Bosch
10	Electrical wire	Polycab / KEI/ Havell's
11	PVC conduit	AKG/ Precision/ Supreme
12	modular switch/ socket / GI box	Anchor/ Legrand/ Havell's

BANKERS CERTIFICATE FROM A SCHEDULED BANK

This is to certify that to the best of our knowledge and information that M/S/Shri
 Having marginally noted address, as a Customer of our
 bank are/is respectable and can be treated as good for any engagement up to a limit of Rs.
(Rupees.....
)

This certificate is issued without any guarantee or responsibility on the Bank or any of the officers.

(Signature) For the Bank

NOTE

1. Bankers Certificates should be on letter head of the Bank, addressed to tendering authority.
2. In case of Partnership firm, certificate should include names of all partners as recorded with the Bank.

FORM OF EARNEST MONEY DEPOSIT

(Bank Guarantee Bond)

WHEREAS, contractor..... (Name of contractor) (Hereinafter called "the contractor") has submitted his tender dated..... (date) for the construction of (name of work) (hereinafter called "the Tender")

KNOW ALL PEOPLE by these presents that we (name of bank) having our registered office at (Hereinafter called "the Bank") are bound unto (Name and division of Executive Engineer) (hereinafter called "the Engineer-in-Charge") in the sum of Rs. (Rs. in words) for which payment well and truly to be made to the said Engineer-in-Charge the Bank binds itself, his successors and assigns by these presents.

SEALED with the Common Seal of the said Bank thisday of 20... . THE CONDITIONS of this obligation are:

- (1) If after tender opening the Contractor withdraws, his tender during the period of validity of tender (including extended validity of tender) specified in the Form of Tender;
- (2) If the contractor having been notified of the acceptance of his tender by the Engineer-in-Charge:
 - (a) fails or refuses to execute the Form of Agreement in accordance with the Instructions to contractor, if required; OR
 - (b) fails or refuses to furnish the Performance Guarantee, in accordance with the provisions of tender document and Instructions to contractor,

We undertake to pay to the Engineer-in-Charge either up to the above amount or part thereof upon receipt of his first written demand, without the Engineer-in-Charge having to substantiate his demand, provided that in his demand the Engineer-in-Charge will note that the amount claimed by him is due to him owing to the occurrence of one or any of the above conditions, specifying the occurred condition or conditions.

This Guarantee will remain in force up to and including the date* after the deadline for submission of tender as such deadline is stated in the Instructions to contractor or as it may be extended by the Engineer-in-Charge, notice of which extension(s) to the Bank is hereby waived. Any demand in respect of this Guarantee should reach the Bank not later than the above date.

DATESIGNATURE OF THE BANK

WITNESS

SEAL (SIGNATURE, NAME AND ADDRESS)

*Date to be worked out on the basis of validity period of 6 months from last date of receipt of tender.

Annexure – XII

Financial Bid

Name of Work: - “Supply, Installation, Testing and Commissioning (SITC) of IP-based Biometric Fingerprint and RFID-based Access Control System for Entrance Area at New Administrative Building of AIIMS Bhubaneswar.”

SL. NO.	Item Technical Specification	Qty	Unit	Rate(Rs)	Amount(Rs)
1	Supply, Installation, Testing and Commissioning (SITC) of Fingerprint and RFID Card-based Access Control Controller, suitable for access control at entry points, complete with all necessary hardware, and accessories including mounting kit , as per the specifications, Complete in all respects as per specifications and directions of Engineer-in-Charge.	5	Each	₹ 54,577	₹ 2,72,885.00
2	Supply, Installation, Testing and Commissioning (SITC) of Fingerprint and RFID Card-based Access Reader. suitable for access control at exit points, including mounting kit complete with all necessary hardware, and accessories including mounting kit , as per the specifications, Complete in all respects as per specifications and directions of Engineer-in-Charge.	2	Each	₹ 20,562	₹ 41,124.00
3	Supply, Installation, Testing and Commissioning (SITC) of IP-based Biometric Fingerprint and RFID Card-based Access Controller with Display for Enrollment of User, including mounting kit , suitable for access control at entry/exit points, with inbuilt display for user interface and status indication. Complete in all respects as per specifications and directions of Engineer-in-Charge.	1	Each	₹ 39,644	₹ 39,644.00
4	Supply, Installation, Testing and Commissioning (SITC) of Exit Switch (Push Button) made of high-quality fire-resistant PVC (Polyvinyl Chloride) or ABS plastic enclosure, suitable for access control systems, including mounting kit, Complete in all respects as per specifications and directions of Engineer-in-Charge.	3	Each	₹ 2,586	₹ 7,758.00
5	Supply, Installation, Testing and Commissioning (SITC) of Electric Bolt Lock for Glass Door (Fail-Safe Type), suitable for access control systems, including mounting kit, Complete in all respects as per specifications and directions of Engineer-in-Charge.	2	Each	₹ 4,282	₹ 8,564.00
6	Supply, Installation, Testing and Commissioning (SITC) of Aluminium U-Shaped Glass Door Bracket suitable for mounting of electric bolt lock on frameless/tempered glass doors, including mounting kit, Complete in all respects as per specifications and directions of Engineer-in-Charge.	2	Each	₹ 2,654	₹ 5,308.00
7	Supply, Installation, Testing and Commissioning (SITC) of Electromagnetic Door Lock with Feedback (Fail-Safe Type) for Glass door, suitable for access control systems, including mounting kit, Complete in all respects as per specifications and directions of Engineer-in-Charge.	2	Each	15,026.00	₹ 30,052.00

8	Supply, Installation, Testing & Commissioning of Electric Locking Device Mounting Bracket for Metal door suitable for access control systems, Complete in all respects as per specifications and directions of Engineer-in-Charge.	4	Each	₹ 2,074	₹ 8,296.00
9	Supply, laying, and dressing of Category-6 (UTP) data cable . The work includes pulling through conduits/trays, routing, tagging, ferruling, and proper termination at both ends with compatibility to specified network hardware, including all accessories and as per the directions of the Engineer-in-Charge.	450	Meter	₹ 89	₹ 40,050.00
10	Supply, Installation, Testing & Commissioning of 24-Port PoE Switch with 2 SFP Uplinks, including all accessories and as per the directions of the Engineer-in-Charge.	1	Each	₹ 43,373	₹ 43,373.00
11	SITC of Floor-Mounted Mild Steel Stand (4 Ft Height) 4mm thickness GI, (Hot-Dip or Electro Galvanised GI BAR) for Access Control Device mounting with Cable Managemet for glass door ,including all accessories and as per the directions of the Engineer-in-Charge.	1	Each	₹ 10,011	₹ 10,011.00
12	SITC of Access Control Panel ,including all accessories and as per the directions of the Engineer-in-Charge.	1	Each	₹ 33,448	₹ 33,448.00
13	SITC of Fire Alarm & Access Control Integration Module/Panel	2	Each	₹ 29,733	₹ 59,466.00
14	Supply, Installation, Testing & Commissioning of RFID proximity cards compatible with access control system.	200	Each	₹ 72	₹ 14,400.00
15	SITC of Desktop with 22" FHD , Monitor (Core i3 Latest Gen, 8 GB RAM, 512GB SSD, Monitor with wireless mouse keyboard, speaker) including all accessories and as per the directions of the Engineer-in-Charge.	1	Each	₹ 64,357	₹ 64,357.00
16	SITC of Desktop with (Core i7 Latest Gen) with 22" FHD Monitor, 8 GB DDR5 RAM (expandable). 512 GB SSD (NVMe preferred). with wireless mouse keyboard, speaker) including all accessories and as per the directions of the Engineer-in-Charge.	1	Each	₹ 1,10,837	₹ 1,10,837.00
17	Supply, Installation, Testing & Commissioning of Input/Output (I/O) controller suitable for access control system integration, including all accessories and as per the directions of the Engineer-in-Charge.	1	Each	₹ 50,144	₹ 50,144.00
18	SITC of Access Control Software with User License (1000 Users, Web-Based, API Enabled)	1	Each	₹ 3,09,272	₹ 3,09,272.00
19	Supplying and drawing following sizes of FRLS/HFFR PVC insulated copper conductor, single core cable in the existing surface/ recessed steel/ PVC conduit as required.				
19.1	3 x 2.5 sq. mm	30	Meter	₹ 148	₹ 4,440.00
20	Supplying and fixing of following sizes of medium class PVC conduit along with accessories in surface/recess including cutting the wall and making good the same in case of recessed conduit as required.				
20.1	25 mm	180	Meter	₹ 168	₹ 30,240.00

21	Supplying and fixing following modular switch/ socket on the existing modular plate & switch box including connections but excluding modular plate etc. as required.				
21.1	6 pin 15/16 A socket outlet	4	Each	₹ 219	₹ 876.00
21.2	15/16 A switch	4	Each	₹ 176	₹ 704.00
22	Supplying and fixing following size/ modules, GI box along with modular base & cover plate for modular switches in recess etc. as required.				
22.1	6 Module (200mmX75mm)	2	Each	₹ 462	₹ 924.00
Total including GST					₹ 11,86,173.00
Rupees Eleven lakh eighty-six thousand one hundred seventy-three rupees only.					

PERFORMA FOR QUOTING RATES

Name of Work:- “Supply, Installation, Testing and Commissioning (SITC) of IP-based Biometric Fingerprint and RFID-based Access Control System for Entrance Area at New Administrative Building of All India Institute of Medical Sciences Bhubaneswar.”	
e-NIT No: AIIMS/BBSR/ENGG/ELECT/22/2026	
Estimate Cost put to tender :- ₹ 11,86,173.00 (including GST) (**Rupees Eleven lakh eighty-six thousand one hundred seventy-three rupees only.**)	
Name of Contactor -	
Total Estimated Amount including of GST in Rs.	₹ 11,86,173 (including GST)
Percentage above/below the total estimated cost	<i>This is sample, Don't quote here</i>
% in words	<i>This is sample, Don't quote here</i>
Total Amount (Rs.) including GST	<i>This is sample, Don't quote here</i>

(Rupees *This is sample, Don't quote here* only)

Note: -

1. 'L-1' shall be decided on composite basis of total amount.
2. LMR = To be read as Market Rate.
3. The Bidder must submit Financial Bid in On-Line Mode.
4. I/We have gone through the terms & conditions as stipulated in the tender and confirm to accept and abide the same.
5. No other charges would be payable by the Institute.
6. Quantity mentioned above is tentative, it may increase or decrease as per site requirement.
7. Agency must bring samples as per above preferred brands only and Engineer-In-Charge shall approve one sample out of the samples brought by the Agency. The Agency must use material of that approved sample only. No claim in this regard shall be entertained.
8. In case of non-availability of material of approved make, prior approval from Engineer-In-Charge shall be obtained for another make.
9. The quoted should be inclusive of GST as applicable.

I, the contractor certify that I am filling this template after understanding all the items of schedule of Quantity of e-NIT page no.-----

Name : _____

Business Address: _____

Signature of the Bidder: -

Date : _____

Place : Bhubaneswar

Seal of the Bidder _____

E-TENDERING INSTRUCTIONS TO BIDDERS

Instructions for Online Bid Submission:

The bidders are required to submit soft copies of their bids electronically on the CPP Portal, using valid Digital Signature Certificates. The instructions given below are meant to assist the bidders in registering on the CPP Portal, prepare their bids in accordance with the requirements and submitting their bids online on the CPP Portal.

More information useful for submitting online bids on the CPP Portal may be obtained at: <https://eprocure.gov.in/eprocure/app>.

REGISTRATION ON CPP PORTAL:

Bidders are required to enroll on the e-Procurement module of the Central Public Procurement Portal (URL: <https://eprocure.gov.in/eprocure/app>) by clicking on the link “Online bidder Enrolment” on the CPP Portal which is free of charge.

As part of the enrolment process, the bidders will be required to choose a unique username and assign a password for their accounts.

Bidders are advised to register their valid email address and mobile numbers as part of the registration process. These would be used for any communication from the CPP Portal.

Upon enrolment, the bidders will be required to register their valid Digital Signature Certificate (Class II or Class III Certificates with signing key usage) issued by any Certifying Authority recognized by CCA India (e.g. Sify /nCode / eMudhra etc.), with their profile.

Only one valid DSC should be registered by a bidder. Please note that the bidders are responsible to ensure that they do not lend their DSC’s to others which may lead to misuse.

Bidder then logs in to the site through the secured log-in by entering their user ID / password and the password of the DSC / e-Token.

SEARCHING FOR TENDER ENQUIRY DOCUMENT

There are various search options built in the CPP Portal, to facilitate bidders to search active tenders by several parameters. These parameters could include Tender ID, Organization Name, Location, Date, Value, etc. There is also an option of advanced search for tenders, wherein the bidders may combine a number of search parameters such as Organization Name, Form of Contract, Location, Date, Other keywords etc. to search for a tender published on the CPP Portal.

Once the bidders have selected the tenders they are interested in, they may download the required documents / tender schedules. These tenders can be moved to the respective „My Tenders” folder. This would enable the CPP Portal to intimate the bidders through SMS / e- mail in case there is any corrigendum issued to the tender document.

The bidder should make a note of the unique Tender ID assigned to each tender, in case they want to obtain any clarification / help from the Helpdesk.

PREPARATION OF BIDS

Bidder should consider any corrigendum published on the tender document before submitting their bids.

Please go through the tender advertisement and the Tender Enquiry Document carefully to understand the

documents required to be submitted as part of the bid. Please note the number of covers in which the bid documents have to be submitted, the number of documents - including the names and content of each of the document that need to be submitted. Any deviations from these may lead to rejection of the bid.

Bidder, in advance, should get ready the documents/BoQ to be uploaded as indicated in the Tender Enquiry Document and generally, they can be in PDF / XLS / RAR / DWF/JPG formats. Scanned documents to be uploaded may be scanned with 100 dpi with black and white option which helps in reducing size of the scanned document and resulting in fast uploading. It is the responsibility of the bidder to ensure that uploaded scanned documents are legible.

To avoid the time and effort required in uploading the same set of standard documents which are required to be submitted as a part of every bid, a provision of uploading such standard documents has been provided to the bidders. Bidders can use “My Space” or „“Other Important Documents”” area available to them to upload such documents. These documents may be directly submitted from the “My Space” area while submitting a bid, and need not be uploaded again and again. This will lead to a reduction in the time required for bid submission process.

SUBMISSION OF BIDS

Submission of Bids

Bidder should log into the site well in advance for bid submission so that they can upload the bid in time i.e. on or before the bid submission time. Bidder will be responsible for any delay due to other issues.

The bidder has to digitally sign and upload the required bid documents one by one as indicated in the Tender Enquiry document.

Bidder has to select the payment option as “offline” to pay the Bid Security/ EMD as applicable and enter details of the instrument.

Bidder should prepare the Bid Security/EMD as per the instructions specified in the Tender Enquiry Document. The original should be posted/couriered/given in person to the concerned official, latest by the last date of bid submission or as specified in the Tender Enquiry Document. The details of the DD/any other accepted instrument, physically sent, should tally with the details available in the scanned copy and the data entered during bid submission time. Otherwise the uploaded bid will be rejected.

Bidders are requested to note that they should necessarily submit their financial bids in the format provided and no other format is acceptable. If the price bid has been given as a standard BoQ format with the tender document, then the same is to be downloaded and to be filled by all the bidders. Bidders are required to download the BoQ file, open it and complete the white colored (unprotected) cells with their respective financial quotes and other details (such as name of the bidder). No other cells should be changed. Once the details have been completed, the bidder should save it and submit it online, without changing the filename. If the BoQ file is found to be modified by the bidder, the bid will be rejected.

The server time (which is displayed on the bidders’ dashboard) will be considered as the standard time for referencing the deadlines for submission of the bids by the bidders, opening of bids etc. The bidders should follow this time during bid submission.

All the documents being submitted by the bidders would be encrypted using PKI encryption techniques to ensure the secrecy of the data. The data entered cannot be viewed by unauthorized persons until the time of bid opening. The confidentiality of the bids is maintained using the secured Socket Layer 128-bit encryption technology. Data storage encryption of sensitive fields is done. Any bid document that is uploaded to the server is subjected to symmetric encryption using a system generated symmetric key. Further this key is subjected to asymmetric encryption using buyers/bid openers’ public keys. Overall, the uploaded tender documents become readable only after the tender opening by the authorized bid openers.

The uploaded Tender/Bid shall become readable only after the tender opening by the authorized bid openers. Upon the successful and timely submission of bids (i.e. after Clicking “Freeze Bid Submission” in the portal), the portal will give a successful bid submission message & a bid summary will be displayed with the bid no.

and the date & time of submission of the bid with all other relevant details.

The bid summary has to be printed and kept as an acknowledgement of the submission of the bid. This acknowledgement may be used as an entry pass for any bid opening meetings.

ASSISTANCE TO BIDDERS

Any queries relating to the Tender Enquiry Document and the terms and conditions contained therein should be addressed to the Tender Inviting Authority for a tender or the relevant contact person indicated in the NIT. Any queries relating to the process of online bid submission or queries relating to CPP Portal in general may be directed to the 24x7 CPP Portal Helpdesk.