



**OFFICE OF THE GUWAHATI METROPOLITAN DEVELOPMENT AUTHORITY  
STATFED BUILDING, BHANGAGARH, GUWAHATI-781005**

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**E-mail:** ceogmdaghy@gmail.com

**Tel:** 0361- 2529650,  
0361- 2529824  
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No. GMDA/GEN/84/2019/Part-IV/ 14

Dated: 19/02/2020

**SHORT NOTICE INVITING TENDER**

GMDA invites sealed tender from Original Equipment Manufacturers (OEMs) or their genuine authorized Indian dealers / distributors for **Supply and installation of CCTV camera with RF Connectivity etc.** for Guwahati Ropeway.

The detailed document can be downloaded from GMDA's website <https://gmda.assam.gov.in> starting from 20/02/2020 to 29/02/2020. Last date of submission upto 14:00hrs 29/02/2020.

The Authority reserves the right to accept or reject all the proposals without assigning any reason thereof.

**Sd/-**  
**(Moloy Bora, IAS)**  
Chief Executive Officer  
Guwahati Metropolitan Dev. Authority

**BID DOCUMENT**

**FOR**

**INVITATION FOR TECHNICAL & COMMERCIAL BIDS  
FOR SUPPLY AND INSTALLATION OF CCTV CAMERA WITH RF CONNECTIVITY ETC.  
FOR GUWAHATI ROPEWAY**

**Tender No. GMDA/GEN/84/2019/Part-IV/14 Dated: 19/02/2020**



**Guwahati Metropolitan Development Authority  
Bhangagarh :: Guwahati-5**

## Notice Inviting Tender [NIT]

### SUPPLY AND INSTALLATION OF CCTV CAMERA WITH RF CONNECTIVITY FOR ROPEWAY FROM GUWAHATI TO NORTH GUWAHATI

#### Section I

#### Invitation for Bids

1. Chief Executive Officer GMDA, Guwahati - 5, Assam invites sealed tender in two envelopes from Original Equipment Manufacturers (OEM) or their authorized distributors/dealers having an annual turnover of minimum Rs. 5.00 Crore during the last three financial years (turnover of 2016-17,2017-18,2018-19).

Brief Description	Quantity
SUPPLY AND INSTALLATION OF CCTV CAMERA WITH RF CONNECTIVITY ETC. FOR ROPEWAY FROM GUWAHATI TO NORTH GUWAHATI	As per BoQ

2. The Bid document can be downloaded from the GMDA's website <https://gmda.assam.gov.in> starting from 20/02/2020 to 29/02/2020. Last date of submission upto 14:00hrs 29/02/2020. The tender document fee of Rs 1000/- in the form of Banker's cheque/DD from nationalized/scheduled bank duly pledged in favour of Chief Executive Officer, GMDA payable at Guwahati to be deposited with the tender document. Non-receipt of the tender fee with the tender document shall be considered as non-responsive bid.
3. The bidder shall submit Earnest Money Deposit(E.M.D.) for Rs. 50,000/- (Rupees Fifty Thousand) only in the form of Banker's cheque/FDR from nationalised/scheduled bank or NSC/KVP duly pledged in favour of Chief Executive Officer, GMDA payable at Guwahati. The original Bank Draft for Tender fees and Earnest Money Deposit (EMD) should be along with the tender. Non-receipt of the EMD with the tender document shall be considered as non-responsive bid.  
The firms registered under MSME are exempted from furnishing the Earnest Money Deposit. Legal document in this regard has to be submitted.
4. The OEM or their authorized distributors/dealers must submit their certificates and their details as per the tender formats.
5. Sub letting of the bid-contract is strictly prohibited.

6. The Bidders will submit the sealed Bid to the O/O the Chief Executive Officer, GMDA, Guwahati-5, Assam, Guwahati on or before the Bid submission date & time.
7. The time frame for bidding activities is as follows:

<b><u>CRITICAL DATE SHEET</u></b>	
Published date	20-02-2020
Tender Fee	Rs 1000/-
Bid Document Download Start Date	20-02-2020
Last date for submission of pre-bid queries	25-02-2020 upto 15:00 hrs
EMD	Rs 50,000/-
Last date for reply to pre-bid queries	26-02-2020
<b>Bid Submission End Date</b>	29.02.2020 upto 14:00 hrs
<b>Bid Opening Date</b>	29.02.2020 at 15: 30hrs Conference Hall of GMDA, Guwahati-5

8. The Chief Executive Officer, GMDA, Guwahati - 5, Assam reserves the right to change the opening time and date of the Tender for administrative reason by notifying the same on the website. The Chief Executive Officer, GMDA, Guwahati - 5, Assam will not be liable for any delay in submission of tenders and system errors.
9. Interested and eligible Bidders may obtain further information or clarifications from the Office of the Chief Executive Officer, GMDA, Guwahati - 5, Assam, before the last date of pre-bid queries through e-mail: [ceogmdaghy@gmail.com](mailto:ceogmdaghy@gmail.com)
10. The awarding of work to the successful bidder is subject to the Administrative Approval of the work from Govt. of Assam

Chief Executive Officer,  
GMDA, Guwahati - 5

## **SECTION II : INSTRUCTION TO BIDDERS (ITB)**

### **A. INTRODUCTION**

#### **1. Eligible Bidders**

- 1.1 This invitation of tender is open to only reputed OEMs or their authorized distributors / dealers having an annual turnover of minimum Rs. 5.0 Crore during each of the last three financial years.
- 1.2 The Bidder must fulfil the qualification criteria as per section VI-A.
- 1.3 The net worth of the bidder should be positive in last 3 (three) financial years.
- 1.4 The bidder should have at least 5 years of presence in Assam with full fledged service network with service engineer registered in PF. Minimum no. of engineers should be 10 (ten).
- 1.5 The Bidder should execute at least 1 no. of CCTV Solution for minimum 15 cameras
- 1.6 The Bidder has to submit OEM authorization for the tender.

### **B. THE BID DOCUMENTS**

#### **2. Content of Bidding Documents**

- 2.1 The goods required, bidding procedures and contract terms are prescribed in the bidding documents. In addition to the invitation for the Bids, the bidding documents includes-
  - a) Instruction to Bidders (ITB);
  - b) General Conditions of Contract (GCC);
  - c) Special Conditions of Contract (SCC);
  - d) Schedule of Requirements;
  - e) Technical Specifications;
  - f) Qualification Criteria;
  - g) Bid Form and Price Schedules;
  - h) Contract Form;
  - i) Performance for Performance Statement;
  - j) Tender Form;
- 2.2 The Bidder is expected to examine all instructions, forms, terms and specifications in the bid document. Failure to furnish all information required by the bid document or submission of a Bid not substantially responsive to the bid documents in every respect will be at the Bidder's risk and will result in rejection of the Bid.

### **3. Clarification on Bid Documents**

3.1 A prospective Bidder requiring any clarification in respect of any point of the bid document may notify the Client in writing at the Client's mailing address indicated in the Invitation for Bids. The Client may respond in writing to any request for clarification on the bid document which it receives before the deadline for submission of pre-bid queries. Client's reply to the pre-bid queries will be published in the e-tender portal as well as in the client's website and will be a part of the bid document.

### **4. Amendment of Bidding Documents**

4.1 At any time prior to the deadline for submission of Bids, the Client may, for any reason, whether at its own initiative or in response to a clarification requested by prospective Bidder, modify the Bidding Documents by amendment. If any modifications are given effect the same shall be placed at the website. All the prospective Bidders are requested to keep themselves informed regularly regarding amendments if any, in the website.

4.2 In order to allow prospective Bidders reasonable time in which to take the amendment into account in preparing their bids, the Client may, at its discretion, extend the deadline for the submission of Bids.

### **5. Language of Bid**

5.1 The Bid prepared by the Bidder as well as all correspondence and documents relating to the Bid exchanged by the Bidder and the Client, shall be written in the English language. Supporting documents and printed literature furnished by the Bidder may be in another language provided they are accompanied by an accurate translation of relevant passages in the English language. For purpose of interpretation of the Bid, the transaction shall be governed by the English language documents.

### **6. Documents Comprising the Bid**

6.1 The Bid prepared by the Bidder shall comprise the following components (separated into a Technical Bid and a Commercial Bid as per the details given in Part-C of this Section below): a) Bid Form and a Price Schedule completed in accordance with ITB Clause 7, 8 and 9;

b) Documentary evidence established in accordance with ITB Clause 10 that the bidder is eligible to bid and is qualified to perform the contract if its Bid is accepted;

c) Documentary evidence established in accordance with ITB Clause 11 that the goods and ancillary services to be supplied by the Bidder are eligible goods and services and conform to the Bidding Document; and

d) Bid Security furnished accordance with ITB Clause 12.

## **7. Bid Form**

7.1 The Bidder shall fill up the Bid Form as given in Section-VII and the contents shall be consistent with the contents of the Price Schedule submitted.

## **8. Bid Prices**

8.1 The Bidder shall indicate on the appropriate Price Schedules attached to these documents the unit prices and total bid prices of the goods it proposes to supply under the Contract as per the format given in the Price Schedule in Section-VII.

8.2 Fixed price:- Prices quoted by the Bidder shall be fixed during the Bidder's performance of the Contract and not subject to variation on any account. A Bid submitted with an adjustable price quoted will be treated as non-responsive and rejected, pursuant to ITB Clause 21.

## **9. Bid Currencies**

9.1 Price shall be quoted in Indian Rupees.

## **10. Documents Establishing Bidder's Eligibility and Qualifications**

10.1 Pursuant to ITB Clause 6, the Bidder shall furnish, as part of its Bid, documents establishing the Bidder's eligibility to bid and its qualifications to perform the Contract if its Bid is accepted.

10.2 The documentary evidence of the Bidder's qualifications to perform the Contract if its bid is accepted, shall establish to the Client's satisfaction:

- a) that, the Bidder offering to supply goods has the minimum capacity of supplying similar quantity or more with the specified time limit in the NIT.
- b) that, the Bidder has annual turnover of minimum Rs. 5.0 Crore during each of the last three financial years (turn over of 2016-17, 2017-18, 2018-19).
- c) that, the Bidder has the financial capability to perform the Contract and meets the criteria outlined in the Qualification requirements specified in Section VI-A.
- d) that, the Bidder has positive net worth in last 3 (three) financial years. (Auditor certificate must be submitted)
- e) that, the bidder has at least 5 years of presence in Assam with full fledged service network with service engineer registered in PF. The bidder has minimum no. of engineers should be 10 (ten).
- f) That, the Bidder had executed at least 3 no. of CCTV Solution in Government or PSU. (Purchase Order to be submitted)
- g) That, the Bidder has OEM authorization for the tender.

h) That, the bidder must submit copy of Trade License/ Certificate of Incorporation as a proof of existence in Assam for last 5 years.

10.3 Alternative Bids will not be considered from the same bidder. All such Bids received from the respective Bidders will be rejected as non-responsive.

10.4 Failure to furnish all information required by the bidding documents or submission of a Bid not substantially responsive to the bidding documents in every respect will be at the Bidder's risk and will result in rejection of the bid.

## **11. Documents Establishing Good's Eligibility and Conformity to Bidding Documents**

11.1 Pursuant to ITB Clause 6, the Bidder shall furnish, as part of its Bid, documents establishing the eligibility and conformity to the bidding documents of all goods and services, which the Bidder proposes to supply under the contract as prescribed in Sub-Section C of ITB. [Ref.: Sec. VI-A: Qualification Criteria and Section V]

## **12. Bid Security**

12.1 Pursuant to ITB Clause 6, the Bidder shall furnish, as part of its Bid, a Bid Security in the amount as specified in Section-V - Schedule of Requirements.

12.2 The Bid Security is required to protect the Client against the risk of Bidder's conduct, which would warrant the security's forfeiture, pursuant to ITB Clause 12.7.

12.3 The Earnest Money Deposit(E.M.D.) shall be in the following forms:

a) Earnest Money Deposit(E.M.D.) for Rs. 50,000/- (Rupees Fifty Thousand) only in the form of Banker's cheque/FDR from nationalised/scheduled bank or NSC/KVP duly pledged in favour of Chief Executive Officer, GMDA, Guwahati - 5, Assam payable at Guwahati.

12.4 Any Bid not secured in accordance with ITB Clauses 12.1 and 12.3 above will be rejected by the Client as non-responsive, pursuant to ITB Clause 21.

12.5 Unsuccessful Bidder's Bid Security will be discharged/returned as promptly as possible as but not later than 30 days after the expiry of the period of Bid validity prescribed by the Client, pursuant to ITB Clause 13.

12.6 The successful Bidder's Bid Security will be discharged upon the Bidder signing the Contract, pursuant to ITB Clause 24, and furnishing the Performance Security, pursuant to ITB Clause 25.

12.7 The Bid Security may be forfeited:



- a) If a Bidder withdraws its bid during the period of bid validity specified by the Bidder on the Bid Form; or
- b) In case of a successful Bidder, if the Bidder fails:
  - (i) To sign the Contract in accordance with ITB Clause 24; or
  - (ii) To furnish performance security in accordance with ITB Clause 25.

### **13. Period of Validity of Bids**

- 13.1 Bids shall remain valid for 180 days after the date of Bid opening prescribed by the Client, pursuant to ITB Clause 16. A Bid valid for a shorter period shall be rejected by the Client as non-responsive.
- 13.2 In exceptional circumstances, the Client may solicit the Bidder's consent to an extension of the period of validity. The request and the responses thereto shall be made in writing (or by letter or Fax). The Bid Security provided under ITB Clause 12 shall also be suitably extended. A Bidder may refuse the request without forfeiting its Bid Security. A Bidder granting the request will not be required nor permitted to modify its Bid.

## **C. SUBMISSION OF BIDS**

1. Submission of Proposal:
  - i. The Bidder shall submit one copy of Technical Proposal in original and shall be placed in Envelope- 1, which shall be sealed and marked "**ENVELOPE 1: TECHNICAL PROPOSAL**", followed by the name of the agency.
  - ii. The Financial Proposal (in original) shall be placed separately in Envelope- 2, which shall be sealed and marked "**ENVELOPE 2: FINANCIAL PROPOSAL**", followed by the name of the agency.
  - iii. The Envelope-1 and Envelope-2 shall be placed into an outer envelope and sealed. This outer envelope shall be marked "PROPOSAL", followed by the name of the agency.
  - iv. This shall be sent to the address mentioned below, and shall get delivered either personally or through India Post before Proposal Due Date.

**Address:**

Chief Executive Officer  
Guwahati Metropolitan Development Authority  
Bhangagarh, Guwahati-781005,  
Ph: 0361- 2529650/ 2529824 Fax: 0361-2529991  
Email : [ceogmdaghy@gmail.com](mailto:ceogmdaghy@gmail.com)

a. **Technical Bid:** The Technical Bid will comprise of the following bidding documents:

- Compliance of Technical Specifications of the materials; [Section VI]
- Proof of Qualification Criteria; [pursuant to clause 11 of ITB as per Section VI-A]
- Tender Form; [as per Section IX]

**The Bid Security and Tender Fee of Rs. 1000.00 must be submitted in the Office of the Chief Executive Officer, GMDA, Guwahati - 5, on or before last date and time of submission of tender.**

b. **Commercial Bid:** The Commercial Bid will comprise of the Price Schedules (BOQ) as per Section VII-A, including all charges FOR at Guwahati.

**General : Pre- Qualification Criteria.**

1. Company should not be black Listed by any Central/State/PSU organization in past.
2. Company must have full-fledged service network in Assam. Company to provide Contact details of service engineers employed across Assam- Mobile No. & Email IDs.
3. Bidder should submit OEM authorization for all active items of the tender.
4. Bidder should have experience in similar work.
5. Bidder should submit the solution documentation for proposed CCTV solution.
6. Bidder should have positive net worth for last 3 (three) years.

## **D. OPENING AND EVALUATION**

### **14. Opening of Bids by the Client**

14.1 The Client will open the Technical Bids as per the schedule.

14.2 The Bidder's names, Bid modifications or withdrawal, the presence or absence of requisite Bid Security, Technical Bid specification and such other details as the Client, at its discretion, may consider appropriate; will be evaluated and short listed for further evaluation.

14.3 The procedure adopted by the Client for opening the Tender shall be final and binding on all the parties.

14.4 Commercial Bids of only those vendors will be opened who will be technically qualified. Bid Security and Commercial Bids of technically unsuccessful bidders shall be returned unopened to the Bidders pursuant to ITB Clause 17.

14.5 The Commercial Bids will be opened after the evaluation of the Technical Bids at a time and place to be notified (as explained in Section I) and the Client at its discretion may call the responsive Bidders for price read out.

14.7 Bids that are not opened and read out at Bid opening shall not be considered further for evaluation, irrespective of the circumstances.

## **15. Clarification of Bids**

15.1 During evaluation of Bids, the Client may, at its discretion, ask the bidder for a clarification of its Bid. The request for clarification and the response shall be in writing and no change in price or substance of the Bid shall be sought, offered or permitted.

## **16. Preliminary Examination**

16.1 The Client will examine the Bids to determine whether they are complete, whether any computational errors have been made, whether required sureties have been furnished whether the documents have been properly signed, and whether the Bids are generally in order. Bids submitted without proper authorization, shall be treated as non-responsive.

16.2 Arithmetical errors will be rectified on the following basis: If there is a discrepancy between the unit price and the total price that is obtained by multiplying the unit price and quantity, the unit price shall prevail and total price shall be corrected. If the supplier does not accept the correction of errors, its Bid will be rejected. If there is a discrepancy between words and figures, the amount in words will prevail.

16.3 The Client may waive any minor informality or non-conformity or irregularity in a bid, which does not constitute a material deviation; provided such a waiver, does not prejudice or affect the relative ranking of any Bidder.

16.4 Prior to the detailed evaluation, the Client will determine the substantial responsiveness of each Bid to the bidding documents. For purposes of these clauses, a substantially responsive Bid is one, which conforms to all the terms and conditions of the bidding documents without material deviations. Deviation from or objections or reservations to critical provisions such as those concerning Performance Security, Force Majeure, Appellate law and Taxes & Duties will be deemed to be a material deviation. The Client's determination of a Bid's responsiveness is to be based on the contents of the Bid itself without recourse to extrinsic evidence.

16.5 If a Bid is not substantially responsive, it will be rejected by the Client and may not subsequently be made responsive by the Bidder by correction of the non-conformity.

## **17. EVALUATION OF PROPOSALS:**

The evaluation of the Technical Proposal will be done by an Evaluation Committee set up by the Client. Evaluation shall be done in the following steps:

**A. Step-1: Evaluation to confirm “Eligibility” for the assignment as per the eligibility criteria mentioned above in Section VI-A**

- i) Eligibility of the firm will be ascertained on the basis of experience certificates, proposed human resources, documents on firm’s establishment/incorporation year and financial turnover as stipulated hereinbefore. The Bidders failing to meet the criteria for eligibility will be declared non-responsive and ineligible for further process of evaluation.
- ii) The Evaluation Committee shall review the documents and based on the submission subsequent evaluation will take place.
- iii) The response of the Evaluation Committee should be ‘Yes’ to all eligibility criteria, failing which, the Bidder will be disqualified at this stage itself. Only those bidders who are declared eligible would be considered for further evaluation.

**B. Step-2: Evaluation of Technical Proposal- To Assign Technical Score.**

- i. The evaluation committee shall assess the Technical Proposal and assign Technical Score as per the framework presented in following table.

S.No.	Criteria	Max. Score
1	Company having annual turnover in last three years - Audited balance sheet to be submitted <ul style="list-style-type: none"> <li>• 10 marks for Turnover between Rs.5-7 crore</li> <li>• 15 marks for Turnover betweenRs.7-10 crore</li> <li>• 20 marks forTurnover more than Rs.10 crore</li> </ul>	20
2	Company experienced in CCTV solution in single PO. - <b>Necessary documents to be submitted</b> <ul style="list-style-type: none"> <li>•5 marks for project with up to 15 cameras</li> <li>•10 marks for project with up to 25 cameras</li> <li>• 15 marks for project with up to 50 cameras and more</li> </ul>	15
3	Company experienced in Wireless Communication. - <b>Necessary documents to be submitted</b> <ul style="list-style-type: none"> <li>• 5 marks for 3 projects</li> <li>• 8 marks for 5 project</li> <li>• 10 marks for 8 project or more</li> </ul>	10
4	Company experienced in critical CCTV operations for Sensitive Location <b>Necessary documents to be submitted</b> <ul style="list-style-type: none"> <li>• 5 marks for 2 projects</li> <li>• 8 marks for 4 projects</li> <li>• 10 marks for 5 projects or more</li> </ul>	10
5	Minimum manpower in Assam (PF document need to be submitted) <ul style="list-style-type: none"> <li>• 10 marks for up to 30 employees or more</li> <li>• 7 marks for up to 20 employees</li> </ul>	10

	<ul style="list-style-type: none"> <li>• 5 marks for up to 10 employees</li> </ul>	
6	<p>Company Operations in Assam.  <b>Necessary documents to be submitted</b></p> <ul style="list-style-type: none"> <li>• 10 marks for 15 years of presence</li> <li>• 7 marks for 10 years of presence</li> <li>• 3 marks for 5 years of presence</li> </ul>	10
7	Power Point Presentation of proposed solution with detailing	25
	Total	100

- ii. The evaluation of Technical Proposal is mark based system as per the criteria specified in table above. Each eligible proposal will be given a Technical Score (TS). The proposals securing minimum of **70 out of 100 Marks** shall be technically qualified bidders. They will be notified and invited for attending opening of financial proposal.
- iii. The bidders who are not eligible or attains the Technical Score of less than **70 Marks out of 100 Marks** shall be rejected for further evaluation. These Bidders shall be considered ineligible for further process and their sealed cover containing Financial Proposal will be returned unopened.
- iv. After the evaluation of Technical Proposal, the Client shall notify only those consultants whose proposals have been short listed for further evaluation of Financial Proposal, the date, time and place set for opening of Financial Proposals. The notification may be sent by registered letter, facsimile, or electronic mail.

### C. Step-3: Evaluation of Financial Proposal- To Assign Financial Score.

- i. The financial proposal will be opened on the date, time and at place as indicated to the Bidders, in the presence of Bidder's representative who choose to attend.
- ii. The name of the Bidder, the Technical Score (TS), and the proposed financial fees quoted by the respective Bidder shall be read aloud and recorded when the Financial Proposals are opened. The Client shall prepare minutes of the financial RFP opening.
- iii. The Evaluation Committee will determine whether the Financial Proposals are complete and correct; or if there are any computational errors, will correct the same.
- iv. If the Evaluation Committee determines that cost indicated are inappropriately low, then it may take a view to declare the Financial Proposal non-responsive and may reject it.

- v. The Financial Proposal to be considered for evaluation shall include Service Tax, and all other taxes, duties, fees, levies and other charges under applicable law. This shall also be applied to foreign and non-permanent resident consultants.
- vi. The Financial Score(FS) of the lowest quoted financial bid will be considered as 100.
- vii. The formula for determining the ‘Financial Score (FS)’ is the following:-

$$FS= 100 \times LQFQ / F$$

In which

FS is the ‘Financial Score’ of the Proposal under consideration.

LQFQ is the “Lowest Qualified Financial Quote”.

F is the “Financial Quote” of the Proposal under consideration.

The lowest qualified ‘Financial Proposal’ will attain ‘Financial Score (FS)’ of 100.

#### **A. Step-4: Assigning Combine Score and Ranking the Proposals.**

- I. All the Bidders that have been assigned Technical Score and Financial Score, will be now assigned Combined Score as per following formula.

$$\text{Combined Score (CS)} = (0.8 \times \text{Technical Score}) + (0.2 \times \text{Financial Score}).$$

- II. The Bidder achieving the highest Combined Score will be ranked first and subsequently other Bidders will follow in descending order based on the Combined Score.
- III. The firm achieving the highest Combined Score will be the selected bidder for this assignment.

### **18. Contacting the Purchaser**

18.1 No Bidder shall contact the Purchaser on any matter relating to its Bid, from the time of the Bid opening to the time the Contract is awarded. If the Bidder wishes to bring additional information to the notice of a purchaser, it should do so in writing.

18.2 Any effort by a Bidder to influence the Purchaser in its decision on Bid evaluation, Bid comparison or Contract award may result in rejection of the Bidder’s bid.

## **E. AWARD OF CONTRACT 19. Post Qualification**

- 19.1 In the absence of pre-qualification, the Purchaser will determine to its satisfaction whether the Bidder that is selected as having submitted the lowest evaluated responsive Bid meets the criteria specified and is qualified to perform the contract satisfactorily as part of the evaluation of the technical bid.
- 19.2 The determination will take into account the Bidder's financial and production capabilities. It will be based upon an examination of the documentary evidence of the Bidder's qualifications submitted by the Bidder, pursuant to ITB Clause 10, as well as such other information as the Purchaser deems necessary and appropriate.
- 19.3 An affirmative determination will be a prerequisite for award of the Contract to the Bidder. A negative determination will result in rejection of the Bidder's bid, in which event the Purchaser will proceed to the next lowest evaluated bid to make a similar determination of that Bidder's capabilities to perform the contract satisfactorily.

### **20. Award Criteria**

- 20.1 The Purchaser will award the Contract subject to availability of fund to the successful Bidder whose Bid has been determined to be substantially responsive and has been determined as per the marking system, provided further that the Bidder is determined to be qualified to perform the Contract satisfactorily.
- 20.2 The award of the Contract shall be on availability of fund and the successful Bidder shall have no right to claim for award if its Bid has been lowest.

### **21. Purchaser's Right to vary Quantities at Time of Award**

The Purchaser reserves the right at the time of award of Contract to increase/decrease the quantity specified in the Schedule of Requirements (rounded off to the next whole number) by up to 20 percent or more without any change in unit price or other terms and conditions.

### **22. Purchaser's Right to accept any Bid and to reject any or All Bids**

The Purchaser reserves the right to accept or reject any Bid, and to annul the bidding process and reject all Bids at any time prior to award of Contract, without thereby incurring any liability to the affected Bidder or Bidders, or any obligation to inform the affected Bidder or Bidders of the grounds for the Purchaser's action.

### **23. Notification of Award**

- 23.1 Prior to the expiration of the period of Bid validity, the Purchaser will notify the successful Bidder (s) in writing by registered letter or by letter or fax, to be confirmed in writing by registered letter, that its bid has been accepted.
- 23.2 The notification of award will constitute the formation of the Contract.

23.3 Upon the successful Bidder's furnishing of Performance Security pursuant to ITB Clause 25, the Purchaser will promptly notify each unsuccessful Bidder and will discharge its Bid security.

#### **24. Signing of Contract**

24.1 At the time as the Purchaser notifies the successful Bidder that its Bid has been accepted, the Purchaser will send the Bidder the Contract Form provided in the bidding documents, incorporating all conditions for an Agreement between the parties.

24.2 Within 10 (ten) days of receipt of the Contract Form, the successful bidder shall give consent to the Agreement and sign the Contract.

#### **25. Performance Security**

25.1 Within 10 (ten) days of the receipt notification of award from the Purchaser, the successful Bidder shall furnish the Performance Security in accordance with the Conditions of Contract, in the Performance Security Form provided in the bidding documents or in another form acceptable to the Purchaser.

25.2 Failure of the successful Bidder to comply with the requirement of ITB Clause 24 or ITB Clause 25.1 shall institute grounds for the annulment of the award and forfeiture of the Bid Security, in which event the Purchaser may make the award to the next lowest evaluated bidder or call for new bids.

#### **26. Corrupt and / or Fraudulent Practices**

26.1 The Purchaser requires that Bidders/Suppliers, observe the highest standard of ethics during the procurement and execution of such contracts. In pursuance of this policy, the Purchaser:

- (a) Defines, for the purposes of this provision, the terms set forth as follows:
  - (i) "Corrupt practice" means the offering, giving, receiving or soliciting of anything of value to influence the action of a public official in the procurement process or in contract execution; and
  - (ii) "Fraudulent practice" means a misrepresentation of facts in order to influence a procurement process or the execution of a contract to the detriment of the borrower, and includes collusive practice among Bidders (prior to or after bid submission) designed to establish Bid prices at artificial non-competitive level and to deprive the Purchaser of the benefits of free and open competition;
- (b) The Purchaser will reject a proposal for award if it determines that the Bidder recommended for award has engaged in corrupt or fraudulent practices, or cartelization in competing for the contract in question;



## **SECTION III: GENERAL CONDITIONS OF CONTRACT**

### **1. Definitions**

1.1 In this Contract, the following terms shall be interpreted as indicated:

- (i) “The Contract” means the Agreement entered into between the Purchaser and the Supplier, as recorded in the Contract Form signed by the parties, including all the attachments and appendices thereto and all documents incorporated by reference therein;
- (ii) “The Contract Price” means the price payable to the Supplier under the Contract for the full and proper performance of its contractual obligations;
- (iii) “The Goods” means all the materials which the Supplier is required to supply to the Purchaser under the Contract;
- (iv) “Services” means service ancillary to the supply of the Goods, such as transportation and insurance, and any other incidental services and other obligations of the Supplier covered under the Contract;
- (v) “GCC” means the General Conditions of Contract contained in this section;
- (vi) “SCC” means of Special Conditions of Contract;
- (vii) “The Purchaser” means the organization purchasing the Goods, as named in SCC;
- (viii) “The Supplier” means the individual or firm supplying the Goods and Services under the Contract;
- (ix) “Day” means calendar day.

### **2. Application**

2.1 The General Conditions shall apply to the extent that they are not superseded by provision in other parts of the Contract.

### **3. Standards**

3.1 The Goods supplied under this Contract shall conform to the standards mentioned in the Technical Specifications and should be compatible with the existing system.

### **4. Use of Contract Documents and Information**

4.1 The Supplier shall not, without the Purchaser’s prior written consent, disclose the Contract, or and provision thereof, or any specification, plan, drawing, pattern, sample or information furnished by or on behalf of the Purchaser in connection therewith, to any person other than a person employed by the supplier in performance of the Contract. Disclosure to any

such employed person shall be made in confidence and shall extend only so far as may be necessary for purposes of such performance.

4.2 The Supplier shall not, without the Purchaser's prior written consent, make use of any document or information enumerated in GCC Clause 4.1 except for purposes of performing the Contract.

4.3 Any documents, other than the Contract itself, enumerated in GCC Clause, 4.1 shall remain the property of the Purchaser and shall be returned (in all copies) to the Purchaser on completion of the Supplier's performance under the Contract if so required by the Purchaser.

4.4 The Supplier shall permit the Bank to inspect the Supplier's accounts and records relating to the performance of the Supplier and to have them audited by auditors appointed by the Bank, if so required by the Bank.

## 5. Patent Rights

5.1 The Supplier shall indemnify the Purchaser against all third-party claims of infringement of patent, trademark or industrial design rights arising from use of the Goods or any part thereof in India.

## 6. Performance Security

6.1 Within 10 (ten) days of receipt of the notification of contract award, the Supplier shall furnish Performance Security in the amount specified in SCC.

6.2 The proceeds of the Performance Security shall be payable to the Purchaser as compensation for any loss resulting from the Supplier's failure to complete its obligations under the Contract.

6.3 The Performance Security shall be denominated in Indian Rupees and shall be as follows:

**FDR of Bank / Irrevocable Bank Guarantee from any nationalized / scheduled bank with validity for at least 18 (eighteen) months drawn in favour of Chief Executive Officer, GMDA, Guwahati - 5, Assam and payable at Guwahati.**

6.4 The Performance Security will be discharged after due assessment of the performance by the Purchaser (by registered post only or will be handed over to the Supplier himself or person duly and legally authorized by the Supplier) and returned to the Supplier not later than 18 (eighteen) months or more, following the date of completion of the Supplier's performance obligations, under the contract.

## 7. Inspections and Tests

7.1 The Purchaser or its representative shall have the right to inspect the manufacturing unit at any time during manufacturing period of the goods. The Purchaser may conduct tests to ascertain whether the technical

specifications (Section-VI) are adhered to by the Supplier for the Goods to be delivered / delivered.

- 7.2 The inspections and tests may be conducted on the premises of the Supplier, at point of delivery and/or at the Goods' final destination. If conducted on the premises of the Supplier, all reasonable facilities and assistance, including access to drawings and production data shall be furnished to the inspectors.
- 7.3 Should any inspected or tested Goods fail to conform to the specifications, the Purchaser may reject the Goods and the Supplier shall either replace the rejected Goods or make alternations necessary to meet specification requirements free of cost to the Purchaser.
- 7.4 The Purchaser's right to inspect, test and, where necessary, reject the Goods after the Goods' arrival at Project Site shall in no way be limited or waived by reason of the Goods having previously been inspected, tested and passed by the Purchaser or its representative prior to the Goods shipment.
- 7.5 On successful completion of acceptability test, receipt of deliverable etc. and after the purchaser is satisfied with the working of the system, the acceptance certificate signed by the supplier and the representative of the purchaser will be issued. The date on which such certificate shall be deemed to be the date of successful commissioning of the goods.
- 7.6 Nothing in GCC Clause 7 shall in any way release the Supplier from any warranty or other obligations under this Contract.

## **8. Packing**

- 8.1 The Supplier shall provide such packing of the Goods as is required to prevent their damage or deterioration during transit to their final destination as indicated in the Contract. The packing shall be sufficient to withstand, without limitation, rough handling during transit and exposure to extreme temperatures, salt and precipitation during transit and open storage. Packing case size and weights shall take into consideration, where appropriate, the remoteness of the Goods' final destination and the absence of heavy handling facilities at all points in transit.
- 8.2 The packing, marking and documentation within and outside the packages shall comply strictly with such special requirements as shall be provided for in the Contract including additional requirements, if any, specified in SCC and in any subsequent instructions ordered by the Purchaser.

## **9. Delivery and Documents**

- 9.1 Delivery of Goods shall be made by the Supplier in accordance with the terms specified by the Purchaser in the Notification of Award. The details of shipping and/or other documents to be furnished by the Supplier as specified in the bid.

## **10. Insurance**

10.1 The Goods supplied under the Contract shall be fully insured in Indian Rupees against loss or damage incidental to manufacture or acquisition, transportation, storage and delivery in the manner specified in the bid.

## **11. Transportation**

Where the Supplier is required under the Contract to transport the Goods to a specified place of destination within India defined as „Project Site“, transport to such place of destination in India including insurance, as shall be specified in the Contract, shall be arranged by the Supplier, and the related cost shall be included in the Contract Price.

## **12. Incidental Services**

12.1 Prices charged by the Supplier for incidental services shall be included in the Quoted Price for the Goods.

## **13. Warranty**

13.1 The Supplier warrants that the Goods supplied under this contract are new, unused, of the most recent or current models and that they incorporate all recent improvements in design and materials unless provided otherwise in the contract. The Supplier further warrants that the Goods supplied under this contract shall have no defect arising from design, materials or workmanship (except when the design and /or material is required by the Purchaser's Specifications) or from any act or omission of the Supplier, that may develop under normal use of the supplied Goods in the conditions prevailing in the country of final destination.

13.2 The Purchaser shall promptly notify the Supplier in writing of any claims under this warranty.

13.3 Upon receipt of such notice, the Supplier shall, with all reasonable speed, replace the defective Goods or parts thereof, free of cost at ultimate destination. The Supplier shall take over the replaced Goods at the time of their replacement. No claim whatsoever shall lie on over the replaced Goods at the time of their replacement. No claim whatsoever shall lie on the Purchaser for the replaced Goods thereafter.

13.4 If the Suppliers, having been notified, fails to remedy the defect (s) within the period specified within a reasonable period, the Purchaser may proceed to take such remedial action as may be necessary, at the Supplier's risk and expense and without prejudice to any other rights which the Purchaser may have against the Supplier under the Contract.

## **14. Payment**

14.1 The method and conditions of payment to be made to the Supplier under the Contract shall be as specified in the SCC.

14.2 The Supplier's request(s) for payment shall be made to the Purchaser in writing, accompanied by an invoice describing, as appropriate, the Goods delivered and the Services performed, and by documents submitted pursuant to GCC Clause 10, and up-to fulfillment of other obligations stipulated in the Contract.

## **15. Prices**

15.1 Price charged by the Supplier for Goods delivered and Services performed under the Contract shall not vary from the price quoted by the Supplier in its Bid. Price payable to the Supplier as stated in the contract shall be fixed during performance of the Contract.

## **16. Change Orders**

16.1 The Purchaser may at any time, by a written order given to the Supplier pursuant to GCC Clause 29, make changes with the general scope of the Contract in any one or more of the following:

- (a) Drawing, design or specifications, where Goods to be furnished under the contract are to be specifically manufactured for the purchaser;
- (b) Method of shipping or packing;
- (c) Place of delivery; and/or
- (d) Services to be provided by the Supplier.

16.2 If any such change cause an increase or decrease in the cost of, or the time required for, the Supplier's performance of any provisions under the Contract, an equitable adjustment shall be made in the Contract Price or delivery schedule, or both and the Contract shall accordingly be amended. Any claims by the Supplier for adjustment under this clause must be asserted within seven (7) days from the date of the Supplier's receipt of the Purchaser's change order.

## **17. Contract Amendments**

17.1 Subject to GCC Clause 16, no variation in or modification of the terms of the Contract shall be made except by written amendment signed by the parties.

## **18. Assignment**

18.1 The Supplier shall not assign, in whole or in part, its obligations to perform under the Contract, except with the Purchaser's prior written consent.

## **19. Sub-Contracts**

19.1 The Supplier shall not Sub-Contract the Work/Supply Order awarded under this Contract.

## **20. Delays in the Supplier's Performance**

20.1 Delivery of the Goods and the performance of the Services shall be made by the suppliers in accordance with the time schedule specified by the Purchaser in the Schedule of Requirements.

20.2 If at any time during performance of the Contract, the Supplier should encounter conditions impeding timely delivery of the Goods and performance of Services, the Supplier shall promptly notify the Purchaser in writing of the fact of the delay, its likely duration and its cause(s). As soon as practical after receipt of the Supplier's notice, the Purchaser shall evaluate the situation and may, at its discretion, extend the Supplier's time for performance with or without liquidated damages, in which case the extension shall be ratified by the parties by amendment of the Contract.

20.3 Except as provided under GCC Clause 23, a delay by the Supplier in the performance of its delivery obligations shall render the Supplier liable to the imposition of liquidated damages pursuant to GCC Clause 20, unless an extension of time is agreed upon pursuant to GCC Clause 20.2 without the application of liquidated damages.

## **21. Liquidated Damages**

21.1 Subject to GCC Clause 23, if the Supplier fails to deliver any or all the Goods or to perform the Services within the period(s), specified in the Contract, the Purchaser shall, without prejudice to other remedies under the Contract, deduct from the Contract Price, as Liquidated Damages, a sum equivalent to 0.10% per day, of the delivered price of the delayed Goods or unperformed Services for each day or part thereof of delay until actual delivery or performance, up to a maximum delay period of thirty (30) days. Once the maximum is reached, the Purchaser may consider termination of the Contract pursuant to GCC Clause 24. However if performance is continuously found to be unsatisfactory the rate of deduction of Performance security will be enhanced at the discretion of the purchase or the purchaser reserves the right to cancel the order.

## **22. Termination for Default**

22.1 The Purchaser may, without prejudice to any other remedy for breach of Contract, by written notice of default sent to the Supplier, terminate the Contract in whole or part:

- a) If the Supplier fails to deliver any or all of the Goods within the period(s) specified in the Contract, or within any extension thereof granted by the Purchaser pursuant to GCC Clause 20; or
- b) If the Supplier fails to perform any other obligation(s) under the Contract;

- c) If the Supplier, in the judgment of the Purchaser has engaged in corrupt or fraudulent practices in competing for or in executing the Contract.

22.2 In the event the Purchaser terminates the Contract in whole or in part, pursuant to GCC Clause 22.1, the purchaser may procure, upon such terms and in such manner, as it deems appropriate, Goods or services similar to those undelivered and the Supplier shall be liable to the Purchaser for any excess cost for such similar Goods or services. However, the Supplier shall continue the performance of the Contract to extent not terminated.

### **23. Force Majeure**

23.1 Notwithstanding the provision of GCC Clauses 20, 21, 22 the Supplier shall not be liable for forfeiture of its Performance Security liquidated damages or termination for default, if and to the extent that the delay in performance or other failure to perform its obligations under the Contract is the result of an event of Force Majeure.

23.2 For purpose of this Clause, “Force Majeure” means an event beyond the control of the Supplier and not involving the suppliers fault or negligence and not foreseeable. Such event may include, but are not limited to, acts of the Purchaser either in sovereign or the Contractual capacity, wars or revolutions, fires, floods, epidemics, quarantine restrictions and freight embargoes.

23.3 If a “Force Majeure” situation arises the Supplier shall promptly notify the Purchaser in writing of such conditions and the cause thereof. Unless otherwise directed by the Purchaser in writing. The Supplier shall continue to perform its obligations under the Contract as far as is reasonably practical, and shall seek all reasonable alternative means for performance not prevented by the “Force Majeure” event.

### **24. Termination for Insolvency**

24.1 The Purchaser may at any time terminate the Contract by giving written notice to the Supplier, if the Supplier becomes bankrupt or otherwise insolvent. In this event, termination will be without compensation to the Supplier, provided that such termination will not prejudice or affect any right of action or remedy, which has accrued or will accrue thereafter to the Purchaser.

### **25. Termination for Convenience**

25.1 The Purchaser by written notice sent to the Supplier may terminate the Contract, in whole or in part, at any time for its convenience. The notice of termination shall specify that the termination be for Purchaser convenience, the extent to which performance of the Supplier under the Contract is terminated, and the date upon which such termination becomes effective.

- a. To have any portion completed and delivered at the Contract term and the prices; and/or
- b. To cancel the remainder and pay to the Supplier an agreed amount for partially completed Goods and for materials and parts previously procured by the Supplier.

## **26. Resolution of Disputes**

26.1 The Purchaser and the Supplier shall make every effort to resolve amicably by direct informal negotiation any disagreement or disputes arising between them under or in connection with the Contract.

26.2 If, after 30 (thirty) days from the commencement of such informal negotiation, the Purchaser and the Supplier have been unable to resolve amicably a Contract dispute, either party may require that the dispute be referred for resolution to the formal mechanisms. These mechanisms may include, but are not limited to conciliation mediated by a third party, adjudication in an agreed national or international forum, and national or international arbitration. The place of arbitration shall be Guwahati.

## **27. Governing Language**

27.1 The contract shall be written in English language. Subject to GCC Clause 25. English language version of the Contract shall govern its interpretation. All correspondence and other documents pertaining to the Contract which are exchanged by the parties shall be written in the same language.

## **28. Appellate Law**

28.1 The Contract shall be interpreted in accordance with the laws of the Union of India. All legal matter arising out of the bidding process can be taken up at the Courts competent to entertain that matter in Guwahati only.

## **29. Notices**

29.1 Any notices given by one part to the other pursuant to this Contract shall be sent to the other party in writing and confirmed in writing to the other Party's address specified in SCC.

29.2 A notice shall be effective when delivered or on the notice's effective date, whichever is later.

## **30. Taxes and Duties**

30.1 Supplier shall be entirely responsible for payment of all taxes, duties license fees, octroi, road permit etc. incurred until delivery of the ordered Goods to the Purchaser.

30.2 No tax forms / other formats / permits or certificate other than the work order will be issued by the purchaser to the suppliers during transit etc.



### **31.Training**

31.1The Bidder has to provide training to support staff, where necessary. Training manual in two hard copies and two soft copies containing details of technical specifications, trouble shooting and maintenance schedule, etc., shall be supplied alongwith the equipment, free of cost.

### **32.Applicable Rules**

32.1Purchase/contract of the item shall be governed by the Assam Public Procurement Act, 2017 which will be binding on the Bidders.

## **SECTION IV : SPECIAL CONDITIONS OF CONTRACT**

The following special conditions of contract shall supplement the General Conditions of Contract. Whenever there is a conflict, the provision herein shall prevail over those in the general Conditions of Contract. The corresponding clause number of the General Conditions is indicated in parentheses.

### **1. Definitions/ (GCC Clause 1)**

a)The Purchaser is

The Office of Chief Executive Officer, GMDA, Guwahati - 5,.

### **2.Performance Security (GCC Clause 6)**

2.1Within 10 (ten) days after the supplier's receipt of Notification of Award, The Supplier shall furnish Performance Security to the purchaser for an amount of 5% of the contract value.

2.2Add as Clause 6.5 to the GCC the following -

In the event of any contract amendment, the Supplier shall, within 10 (ten) days of receipt of such amendment, furnish the amendment to the Performance Security rendering the same valid for duration of the Contract as amendment for further period of 60 days thereafter.

### **3. Packing (GCC Clause 8)**

Add as clause 8.3 of the GCC the following:

Packing Instruction: The supplier will be required to make separate Packages for each consignee and the following matter mentioned below from (i) to (vi) must be mentioned as per instruction in (vii).

- (i) Order No.
- (ii) Supplier's Name
- (iii) Item Names (supply and installation of CCTV Camera with RF Connectivity Project)
- (iv) Quantity [In number]

#### **4. Delivery and Documents (GCC Clause 9)**

Upon delivery of goods, the supplier shall notify the Purchaser immediately by letter/Fax, the full details of the shipment as follows:

- I. Three copies of the supplier invoices.
- II. Acknowledgement of receipt of goods from the consignee(s);
- III. Inspection certificate issued by the nominated Representative/Authority report (if applicable);
- IV. Goods receipted challan copy from concerning officer.

**5. Insurance (GCC Clause 10)** As the goods are to be delivered at the designated sites at the Suppliers' risk, any insurance will be at the convenience of the Supplier.

#### **6. Payment (GCC Clause 14)**

6.1 Payment for Goods and Services shall be made in India Rupees as follows:

- (i) Payment for Goods shall be paid on receipt of total ordered quantity, subject to satisfactory performance and upon submission of the documents specified. No part payment will be made.

6.2 The Purchaser reserves the right to deduct from the Performance Security deposit, the cost of damaged or torn sheets and also of the sheets found short in supply. If the edges of the packets are found damaged with cuts etc. the cost of the same shall be deducted by the Purchaser.

6.3 The Purchaser reserves the right to make all payment through A/c payee cheque or bank transfer only. The A/c payee cheque must be collected by the senior representative/executive of the manufacturer duly authorized by the manufacturer in the signature, seal and pad similar to the papers submitted in the technical and commercial bid.

#### **7. Patent Rights**

In the event of any claim asserted by a third party of infringement of copyright, patent, trademark or industrial design rights arising from the use of the Goods or any part thereof in the Purchaser's country, the Supplier shall act expeditiously to extinguish such claim. If the Supplier fails to comply and the Purchaser is required to pay compensation to a third party resulting from such infringement, the Supplier shall be responsible for the compensation including all expenses, court costs and lawyer fees. The Purchaser will give notice to the Supplier of such claim, if it is made, without delay.

## SECTION V: SCHEDULE OF REQUIREMENTS

### BoQ/ Unpriced Bid

#### Items & brief description:

Sl. No.	Item Description	Qty	Unit	Make	Model
1	64 Channel NVR	1	No.		
2	FIXED BULLET CAMERA	18	Nos.		
3	PTZ CAMERA	2	Nos.		
4	DOME CAMERA	26	Nos.		
5	24 PORT POE SWITCH 10/100/1000Mbps	5	Nos.		
6	6 TB HDD for NVR Recording	4	Nos.		
7	55 Inch Professional Display	2	Nos.		
8	Video Management Software for 64 channel license with Server	1	No.		
9	Point to Point Wireless Link between Upper & Lower Terminal	1	Link		
10	9 Mtr Tower at North Guwahati end	1	No.		
11	UPS 1 KVA	4	No.		
12	UPS 2 KVA	1	No.		
13	RACK 6U	4	No.		
14	RACK 12U	1	No.		
15	Chemical Earthing	2	No.		
16	LIU	2	No.		
17	CAT 6	8	Boxes		
18	OFC Cable	200	Mtrs		
19	Casing Capping with Laying	2200	Mtrs		
20	Door frame metal detector	4	Nos.		
21	Handheld metal detector	6	Nos.		
22	AC & 5KVA stabilizer	5	Nos.		
23	Desktop Computer	Nos.	4		
24	UPS 1000VA	Nos.	4		
25	Laptop	Nos.	2		
26	Printer & Scanner	Nos.	4		
27	Installation item no. 1 to 26	1	Job		
28	Erection of control room with furniture etc. Budgetary allocation	1	Job		

The above listed items should necessarily include:

1. 1 (One) year warranty with “On-site-Support” for all equipments.
2. Installation & complete Integration of CCTV Solution with RF Connectivity
3. Any others items for completion of the project.
4. All the items should have compatibility with the existing system.

**TECHNICAL SPECIFICATIONS:**

**1. NVR**

SNO	PARAMETERS	SPECIFICATION	COMPLIANCE (YES/NO)
1	NVR	NVR with 64 Channel IP video Input	
2	Recording resolution	Should support upto 12 MP Camera resolution	
3	N+1 hot spare system	Yes	
4	Dual-OS for reliability of system running	Yes	
5	RAID	should Support upto Raid 10	
6	Video Compression	H.265	
7	VGA interface	2 Nos	
8	HDMI Interface	2 Nos	
9	HDD interface	8Sata Interface	
10	HDD Capacity	Should support upto 10TB each per HDD	
11	eSATA	Should Have atleast 1 eSATA port	
12	ANR Technology	Should Support	
13	Incoming Bandwith	320 Mbps or better	
14	Outgoing Bandwith	256 Mbps or better	
15	HDMI 1 output resolution	Should support 4K (3840 × 2160)	
16	VGA1 output resolution	2K (2560 × 1440)	
17	Audio output	Minimum 2-ch, RCA (2.0Vp-p, 1 KΩ)	
18	Live view/Playback resolution	Should support upto 12 MP	
19	Decoding Capability	16-ch @ 1080p	
20	Network protocols	TCP/IP, NTP, NFS,iSCSI, HTTPS	
21	Network Interface	2, RJ-45 10/100/1000 Mbps self-adaptive Ethernet interface	
22	Record Mode	Manual, Schedule (Regular, MD(Motion Detection) , Alarm), Stop	
23	Trigger Events	Recording, PTZ, Tour, Alarm Out, Video Push, Email, Snapshot, Buzzer	
24	Playback Function	Play, Pause, Stop, Rewind, Fast play, Slow Play, Next File, Previous File, Next Camera, Previous Camera, Full Screen, Digital Zoom	
25	Serial interface	RS-232; RS-485; Keyboard	
26	Alarm in/out	16/4 or better	
27	USB port	2 × USB 2.0; 1 × USB 3.0	
28	Power supply	100 to 240 VAC, 50 to 60 Hz	
29	Working temperature	(-10 to +55° C)	
30	Working humidity	10 to 90 %	

31	Certificates	CE,FCC,UL, REACH, RoHS, BIS	
32	WARRANTY	2 years	
33	Make	This product shall be manufactured by a firm whose quality system is in compliance with the ISO-9001	

## 2. BULLET CAMERA

SNO	PARAMETERS	SPECIFICATION	COMPLIANCE (YES/NO)
1	Camera Type	2MP IP Outdoor Bullet Camera	
2	Resolution	1920 × 1080 @25fps	
3	Lens Size	4 mm or better	
4	Illumination	Color: 0.01 Lux @(F1.2, AGC ON), 0.028Lux @ (F2.0, AGC ON) or better	
5	Image sensor	1/2.8" Progressive CMOS or better	
6	Shutter Speed	1/3 s to 1/100,000 s	
7	Dynamic Range	<b>DWDR or better</b>	
8	IR Range	40M IR or more	
9	Video Stream	Should Support tripple Video Stream	
10	Video Compression	Main Stream: H.265, Sub-Stream: H.265, Third Stream: H.265	
11	VBR	32 Kbps to 8 Mbps	
12	Smart Features	Line crossing detection, intrusion detection, Anti-flicker,heartbeat, mirror, password protection, privacy mask, watermark	
13	ROI	1 fixed region for main stream	
14	Resolution	Main Stream : 25fps (1920 × 1080)	
15		Sub-Stream: 25fps (352 x 240)	
16		Third Stream: 1fps (352 x 240)	
17	Image Enhancement settings	BLC/3D DNR/HLC	
18	Alarm feature	Motion detection, video tampering, network disconnected, IP address conflict, illegal login, HDD full, HDD error	
19	Network Protocols	TCP/IP, ICMP, HTTP, HTTPS, DHCP, DNS, RTP, RTSP, RTCP, NTP, IGMP, QoS, UDP	
20	interoperability	ONVIF, ISAPI	
21	Simultaneous Live View	Up to 6 channels	
22	Reset Switch	YES	
23	User Access	Up to 20 users or more	
24	Network interface	1 RJ45 10M/100M self-adaptive Ethernet port	

25	Operating Conditions	(-30 °C to +60 °C Humidity 95% or less (non-condensing))	
26	Power Supply	12 VDC, PoE (802.3af)	
27	Protection Level	IP67	
28	Material	Metal & Plastic	
29	Certificate	CE,FCC,UL,BIS,ROHS,REACH	
30	WARRANTY	2 years	
31	Make	This product shall be manufactured by a firm whose quality system is in compliance with the ISO-9001	

### 3. PTZ CAMERA

SNO	PARAMETERS	SPECIFICATION	COMPLIANCE (YES/NO)
1	Camera Type	2MP IP PTZ camera	
2	Image Sensor	1/2.9" progressive scan CMOS	
3	Min. Illumination	Color: 0.005 Lux @(F1.6, AGC ON) B/W: 0.001Lux @(F1.6, AGC ON) 0 Lux with IR	
4	White Balance	Auto/Manual/ATW (Auto-tracking White Balance)	
5	Gain	Auto	
6	Shutter Time	50Hz: 1/1 s to 1/30,000 s 60Hz: 1/1 s to 1/30,000 s	
7	Day & Night	IR Cut Filter	
8	Digital Zoom	16×	
9	Privacy Mask	24 programmable privacy masks or more	
10	Focus Mode	Auto/Semi-automatic/Manual	
11	WDR	120 dB WDR	
12	Focal Length	4.8 mm to 120 mm, 25× optical zoom	
13	Zoom Speed	Approx. 3.6 s (optical lens, wide-tele)	
14	Field of View	Horizontal field of view: 57.6° to 2.5° (Wide-Tele) Vertical field of view: 34.4° to 1.4° (Wide-Tele) Diagonal field of view: 64.5° to 2.9° (Wide-Tele)	
15	Aperture Range	F1.6 to F3.5	
16	IR Distance	100 m or more	
17	Movement Range (Pan)	360° endless	
18	Pan Speed	Configurable, from 0.1° /s to 80° /s, Preset speed: 80° /s	
19	Movement	From -15° to 90° (auto-flip)	

	Range (Tilt)		
20	Tilt Speed	Configurable, from 0.1°/s to 80°/s Preset Speed: 80°/s	
21	Presets	250 or more	
22	Patrol Scan	8 patrols, up to 32 presets for each patrol	
23	Pattern Scan	4 pattern scans, record time over 10 minutes for each scan	
24	Power-off Memory	Support	
25	Park Action	Preset/Pattern Scan/Patrol Scan/Auto Scan/Tilt Scan/Random Scan/Frame Scan/Panorama Scan	
26	3D Positioning	Support	
27	PTZ Position Display	Support	
28	Preset Freezing	Support	
29	Scheduled Task	Preset/Pattern Scan/Patrol Scan/Auto Scan/Tilt Scan/Random Scan/Frame Scan/Panorama Scan/Dome Reboot/Dome Adjust/Aux Output	
30	Video Compression	<b>Main Stream:</b> H.265+/H.265/H.264+/H.264 <b>Sub-stream:</b> H.265/H.264/MJPEG <b>Third Stream:</b> H.265/H.264/MJPEG	
31	Video Bitrate	32 Kbps to 16384 Kbps	
32	Audio Compression	G.711alaw/G.711ulaw/G.722.1/G.726/MP2L2/PCM	
33	Audio Bitrate	G.711alaw/G.711ulaw: 64 Kbps G.722.1/G.726: 16 Kbps MP2L2/PCM: 32 Kbps/64 Kbps/128 Kbps	
34	SVC	Support	
35	Basic Event	Motion Detection, Video Tampering Detection, Exception	
36	Smart Event	Intrusion Detection, Line Crossing Detection, Region Entrance Detection, Region Exiting Detection, Object Removal Detection, Unattended Baggage Detection	
37	Smart Record	ANR (Automatic Network Replenishment), Dual-VCA	
38	ROI	Main stream, sub-stream, and third stream respectively support four fixed areas.	
39	Max. Resolution	1920 × 1080	

40	Main Stream	25fps (1920 × 1080, 1280 × 960, 1280 × 720), 50fps (1280 × 960, 1280 × 720), 30fps (1920 × 1080, 1280 × 960, 1280 × 720), 60fps (1280 × 960, 1280 × 720)	
41	Sub-Stream	25fps (704 × 576, 640 × 480, 352 × 288)	
42	Third Stream	25fps (1920 × 1080, 1280 × 960, 1280 × 720, 704 × 576, 640 × 480, 352 × 288)	
43	Image Enhancement	HLC/BLC/3D DNR/Defog/EIS/Regional Exposure/Regional Focus	
44	Network Storage	Should support Micro SD/SDHC/SDXC, up to 256 GB; NAS (NPS, SMB/ CIFS), ANR	
45	Protocols	IPv4/IPv6, HTTP, HTTPS, 802.1x, Qos, FTP, SMTP, UPnP, SNMP, DNS, DDNS, NTP, RTSP, RTCP, RTP, TCP/IP, UDP, IGMP, ICMP, DHCP, PPPoE, Bonjour	
46	API	support ONVIF, ISAPI, and CGI	
47	Simultaneous Live View	Up to 20 channels	
48	User/Host	Up to 32 users	
49	Security Measures	User authentication (ID and PW), Host authentication (MAC address); HTTPS encryption; IEEE 802.1x port-based network access control; IP address filtering	
50	Audio Interface	1-ch audio input and 1-ch audio output	
51	Network Interface	1 RJ45 10 M/100 M Ethernet, PoE+ (802.3 at, class4)	
52	Power	12 VDC and PoE+ (802.3 at, class4) Max.: 18 W (Max. 7W for IR)	
53	Working Temperature	(-30°C to 65°C (-22°F to 149°F))	
54	Working Humidity	≤ 90%	
55	Protection Level	IP66 Standard, TVS 4000V Lightning Protection, Surge Protection and Voltage Transient Protection	
56	Certificate	CE,FCC,UL,BIS Compliant	
57	Make	This product shall be manufactured by a firm whose quality system is in compliance with the ISO-9001	

#### 4. DOME CAMERA



SNO	PARAMETERS	SPECIFICATION	COMPLIANCE (YES/NO)
1	Camera Type	2MP IP Indoor Dome Camera	
2	Resolution	1920 × 1080 @25fps	
3	Lens Size	2.8 mm or better	
4	Illumination	Color: 0.01 Lux @(F1.2, AGC ON), 0.028Lux @ (F2.0, AGC ON) or better	
5	Image sensor	1/2.8" Progressive CMOS or better	
6	Shutter Speed	1/3 s to 1/100,000 s	
7	Dynamic Range	<b>DWDR or better</b>	
8	IR Range	40M IR or more	
9	Video Stream	Should Support tripple Video Stream	
10	Video Compression	Main Stream: H.265, Sub-Stream: H.265, Third Stream: H.265	
11	VBR	32 Kbps to 8 Mbps	
12	Smart Features	Line crossing detection, intrusion detection, Anti-flicker,heartbeat, mirror, password protection, privacy mask, watermark	
13	ROI	1 fixed region for main stream	
14	Resolution	Main Stream : 25fps (1920 × 1080)	
15		Sub-Stream: 25fps (352 x 240)	
16		Third Stream: 1fps (352 x 240)	
17	Image Enhancement settings	BLC/3D DNR/HLC	
18	Alarm feature	Motion detection, video tampering, network disconnected, IP address conflict, illegal login, HDD full, HDD error	
19	Network Protocols	TCP/IP, ICMP, HTTP, HTTPS, DHCP, DNS, RTP, RTSP, RTCP, NTP, IGMP, QoS, UDP	
20	interoperability	ONVIF, ISAPI	
21	Simultaneous Live View	Up to 6 channels	
22	Reset Switch	YES	
23	User Access	Up to 20 users or more	
24	Network interface	1 RJ45 10M/100M self-adaptive Ethernet port	
25	Operating Conditions	(-30 °C to +60 °C Humidity 95% or less (non-condensing)	
26	Power Supply	12 VDC, PoE (802.3af)	
27	Protection Level	IP67, IK10	
28	Material	Metal & Plastic	
29	Certificate	CE,FCC,UL,BIS,ROHS,REACH	
30	WARRANTY	2 years	

31	Make	This product shall be manufactured by a firm whose quality system is in compliance with the ISO-9001	
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## 5. SWITCH

SNO	PARAMETERS	SPECIFICATION	COMPLIANCE (YES/NO)
1	POE port	24 × gigabit PoE ports (10/100/1000 Mbps)	
2	Uplink Ethernet Port	1 × gigabit RJ45 port	
3	Uplink SFP Port	1 × gigabit SFP fiber optical port	
4	Standard	IEEE 802.3, IEEE 802.3u, IEEE 802.3x, IEEE 802.3ab, IEEE 802.3z	
5	Forwarding mode	Store-and-forward switching	
6	MAC address Table	8 K	
7	Switching capacity	52 Gbps	
8	Packet forwarding rate	38.688 Mpps	
9	PoE standard	IEEE 802.3af, IEEE 802.3at	
10	PoE port	Ports 1 to 24	
11	PoE power budget	370 W	
12	POE range	100M	
13	Max.Power per port	30 W	
14	Protection Level	6 KV surge protection	
15	Operating temperature	(0° C to 40° C)	
16	Storage temperature	(-40° C to 85° C)	
17	Operating humidity	5% to 95%	
18	Storage humidity	5% to 95%	
19	Power supply	100 to 240 VAC	
20	Power consumption	400 W	
21	Certificates	CE,FCC, UL, ROHS	
22	Make	This product shall be manufactured by a firm whose quality system is in compliance with the ISO-9001	

## 6. DISPLAY

SNO	PARAMETERS	SPECIFICATION	COMPLIANCE (YES/NO)
1	Monitor Type	55" 4K Monitor	
2	Backlight	LED Backlight	
3	Screen Size	54.6"	
4	Pixel Pitch	0.315 mm * 0. 315 mm	

5	Max Resolution	3840 × 2160	
6	Brightness	500 cd/m <sup>2</sup> (Typical)	
7	Contrast	1100 : 1	
8	Response Time	8 ms	
9	Color	10 bit, 1.07B	
10	Audio Input & Output	1, 3.5 mm mini-jack	
11	Viewing Angle	Horizontal 178°, Vertical 178°	
12	Interface Input	HDMI×2, VGA×1, DVI×1, BNC inputX 1, BNC Output x1, Network X RJ-45 10/100 Mbps self-adaptive Ethernet interface, RS-232 interface x1, USB×1	
13	Loudspeaker	5W x 2	
14	Power Supply	AC 100~240V, 50/60 Hz	
15	High reliable components for 7×24 working	Should support	
16	Wall Mount Bracket	Should Supply Wall Mount Bracket	
17	Material	Metal Shell	
18	Operating temperature	0°C ~ 40 °C	
19	Operating Humidity	10% ~ 90% (No Condensation)	
20	Certificates	UL,CE,FCC, CCC	
21	Make	LG/Samsung/Sony	

## 7. POINT TO POINT WIRELESS RADIO

SL. NO	SPECIFICATION/TECHNICAL REQUIREMENTS	COMPLIANCE (YES/NO)
1	<p><b>5.8 GHz RF LINK Point to Point (For 10 KM Distance) With Effective Throughput: Minimum 300 Mbps MIMO</b></p> <p>The equipment quoted should be carrier grade RF (radio frequency) product. OEM should certify that product quoted is as per AAI technical requirement and should submit link engineering report with given GPS data of the sites showing link budget calculation. Yearly 99.9999% uptime should be available to consider the product during tender evaluation. The link link engineering report should be generated through OEMs standard link engineering tool. OEM should authorized the bidder for participation in the tender and shall provide support to the bidder during operation and maintenance of the system(at least 06 years after warranty period is over) .</p>	

<b>2</b>	<p><b>The offered equipment/system and its subsystems/accessories shall be.</b></p> <ul style="list-style-type: none"> <li>➤ Radio System should operate in India WPC free licensed Band 5.825Ghz - 5.875Ghz in accordance with GSR 38 (E) dated 19th Jan 2007 for outdoor deployment</li> <li>➤ 802.11 a/n (2X2) Radio dual polarized</li> <li>➤ I/O Connection-Radio System should support - LAN Interface 10/100/1000 Base T interface with Auto negotiation (IEEE802.3)</li> <li>➤ Channel Bandwidth: 5/10/20/40 MHz.</li> <li>➤ Maximum Tx Power: Radio System should be configurable to maximum Tx Power as per EIRP set by Indian regulations ,reducible in steps if 1 dBm to maintain 36dBm EIRP.</li> <li>➤ Adaptive Modulation &amp; Coding: upto 256 QAM</li> <li>➤ Architecture: Integrated, Single Cable between IDU &amp; ODU.</li> <li>➤ Radio Access Scheme: MIMO 2x2 OFDM</li> <li>➤ Duplex Technology: TDD</li> <li>➤ Diversity: Polarization and Spatial Diversity supported</li> <li>➤ Spectrum View: Built-in Spectrum Analyzer</li> <li>➤ TDD Synchronization: Intra-site and inter-site using GPS.</li> <li>➤ Encryption,: The Radio should support AES-128 certified by FIPS 197 encryption and vendor should provide necessary certifications.</li> <li>➤ QoS :4 levels supported/diffserve(Differentiated Services) QoS</li> <li>➤ Latency: The latency of the Radio link should not be greater than 5ms with data</li> <li>➤ Integrated Lightning Protection: IEC61000-4-2 /61004-4 / 61000-4-5</li> <li>➤ The offered system should have separate Ethernet surge protector to protect network equipment's and it should be from same OEM of RF.It should have minimum line to line and line to ground protection of minimum 1500J peak energy dissipation with 10/10000 micro sec waveform. It should be capable of ground loop elimination and digital noise isolation. SPD should have rating of 216 A or better.</li> </ul>	
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**8. 1KVA UPS**

SL NO	SPECIFICATION	COMPLIANCE (YES/NO)
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	<p>Rating 1 KVA / 1600 Watts</p> <p>Input AC Parameters</p> <p>Input Voltage 160 - 300V</p> <p>Frequency 50 Hz; Tolerance (45-55) Hz</p> <p>Input power factor &gt; 0.98</p> <p>Output AC Parameters</p> <p>Rated apparent/active power 1000VA / 800W</p> <p>Output Voltage 220/230 V AC</p> <p>Frequency 50 +/- 0.5 Hz</p> <p>Waveform True Sine Wave</p> <p>Over load 110% for 30 seconds, 125% for 1 second</p> <p>Output Power Factor 0.8</p> <p>Indication &amp; Controls</p> <p>LED Indication/ Display Level</p> <p>Indications LED mimic diagram + LCD Display with measurements (Input / Output / Bypass V &amp; Hz, Battery V &amp; capacity level indicator, Load % &amp; level Indicator)</p> <p>Audio Alarm operation Suitable Alarms for Battery Operation , 1 x RS232 Serial Port.</p> <p>Detailed specifications are enumerated below</p> <p>Back-up Time &amp; Battery Bank Details (VAH Rating) 12V, VRLA Sealed lead-acid Maintenance Free batteries for providing necessary back-up of 12 hours @450W load (7200 VAH)</p> <p>Isolation Transformer UPS output shall be fully isolated by dedicated isolation transformer at the Input of the UPS</p> <p>Environmental</p> <p>Operating Temperature: 0 Degree C to 40 Degree C</p> <p>Relative humidity 0% to 95%, non-condensing</p> <p>Audible Noise &lt;50 dB</p> <p>Certification</p> <p>Quality System ISO 9001, ISO14001, OHSAS 18001</p> <p>Markings CE</p> <p>Safety IEC 62040-1</p> <p>EMC IEC 62040-2</p> <p>Environmental RoHS</p>	

**9. 2KVA UPS**

SL NO	SPECIFICATION	COMPLIANCE (YES/NO)
	<p>Rating 2 KVA / 1600 Watts</p> <p>Input AC Parameters</p>	

	<p>Input Voltage 160 - 300V  Frequency 50 Hz; Tolerance (45-55) Hz  Input power factor &gt; 0.98  Output AC Parameters  Rated apparent/active power 1000VA / 800W  Output Voltage 220/230 V AC  Frequency 50 +/- 0.5 Hz  Waveform True Sine Wave  Over load 110% for 30 seconds, 125% for 1 second  Output Power Factor 0.8  Indication &amp; Controls  LED Indication/ Display Level  Indications LED mimic diagram + LCD  Display with measurements (Input / Output / Bypass V &amp; Hz, Battery V &amp; capacity level indicator, Load % &amp; level Indicator)  Audio Alarm operation Suitable Alarms for Battery Operation , 1 x RS232 Serial Port.  Detailed specifications are enumerated below  Back-up Time &amp; Battery Bank Details (VAH Rating) 12V, VRLA Sealed lead-acid Maintenance Free batteries for providing necessary back-up of 12 hours @450W load (7200 VAH)  Isolation Transformer UPS output shall be fully isolated by dedicated isolation transformer at the Input of the UPS  Environmental  Operating Temperature: 0 Degree C to 40 Degree C  Relative humidity 0% to 95%, non-condensing  Audible Noise &lt;50 dB  Certification  Quality System ISO 9001, ISO14001, OHSAS 18001  Markings CE  Safety IEC 62040-1  EMC IEC 62040-2  Environmental RoHS</p>	
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10. Door frame metal detector

Specification	Compliance Yes/No
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International norms (NILECJ-0601 L1-5/IP54/IEC 348/EN60950 Class1) In conformity with CE European Union Norms and produced under ISO 9001: 2000 QMS	
Multi-Zone - minimum 9 real detection zones	
Auto Calibration (Automatically calibrates itself up to Environmental Conditions)	
Human friendly VLF technology (Certified) Green/Red bicolor traffic through LEDs	
Light indicators at side panels and control panel	
20 sensitivity levels, 5 Security levels set to International Security Standards (fixed NILECJ security levels), 246 adjustable sensitivity steps at each, applicable to all zones separately (Jailhouse Requirements Met)	
Separate Zone Sensitivity Settings	
SMART DETECTOR - Automatic Sensitivity Program selects the correct sensitivity for a specific weapon or a recognized test object	
Graphic zone display	
Metal Density Display at 10-level-VU meter with green, yellow, red LEDs Environment magnetic noise level detection display on LCD Screen Adjustable audio alarm at 10 tons/level	
Alarm Counter & Five Digit Separate incoming & outgoing counters (Visible/invisible) Mechanical Lock for control panel and four-digit changeable digital Pin Code Automatic Failure Display	
Reloading the factory default settings by one-touch button Easy programming and monitoring with LCD display Relay outputs for recording CCTV, controlling turnstiles, etc on Alarms	
Modem and RS232 output for SCADA remote data communication- Send Receive - Change settings by direct cable or modem over Telecom Lines by PC- Audible & Visual alarms can be monitored by PC and can be logged into Hard Disk (optional Software)	
Certificate approved "Safe for wearers of pacemakers and pregnant women" -- No effect to magnetic media (eg. Memory sticks, tape, proximity cards)	
Easy-to-mount and assemble walk through door frame metal detector	
Operating voltage: 70Vac - 270Vac 50Hz - 60Hz	
Power: 10W Stand By - 20W (alarm)	
Ambient temperature: -20oC to +70oC	

11. **Handheld metal detector**

Specification	Compliance Yes/No
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Scanning area 410 mm	
Max width of detector : 80 mm	
Max. Thickness of detector : 20 mm	
Detection mode : Visual + sound and Visual + vibration	
Detection sensitivity adjustable	
Single detection program to detect all ferrous metal and non-ferrous metals	
Inbuilt Ni-mH - 9V 300 mAh Rechargeable Battery	
External battery charger 90-260 V AC , 46 - 63 Hz	
Low battery LED indication with auto cut off	
Temperatures from -20 deg C to 55 deg C	

## **12. AC:**

2 Tonne Split AC 5 star category with 5 KV Voltage stabilizer with necessary wiring, switchboard etc.;

Brand: Samsung/Hitachi/Voltas/Bluestar

## **13. Computer & Printer:**

A. Computer:

i. Desktop: 2 No.

Processor Intel core-i5 8th Generation; 8GB RAM; 1TB Hard disk, NVIDIA Graphic card min. 2GB, Display size: 21.5 inch (measured diagonally) with screen resolution of minimum 1600x900, OS 64bit Windows 10, Microsoft Office Home & professional (latest version)

Brand: HP/Lenovo/Asus/Dell

ii. Laptop: 2 No.

Processor Intel core-i7 10th Generation; 16GB RAM; 1TB Hard disk, NVIDIA Graphic card min. 2GB; Type: Thin and light laptop, OS 64bit Windows 10, Microsoft Office Home & professional (latest version)

Brand: HP/Asus/Dell/Lenovo

B. Printer: Laser printer (black& white), All-in-One (Print, Scan, Copy),

Brand: HP/Epson/Canon

## **14. Installation of cabin for monitoring room** (Room size 3.6 m x 3.4 m)

Erection of aluminium framed partition with gypsum board (bottom panel) and glass with 900 mm door size. Installation of all necessary electrical connections etc. for fully monitoring room equipped with AC and necessary furniture as below:

i Table: size (1840x920x760 H)mm- 1 no.

ii Cabinet: Steel Almirah (big)- 1no.

iii Chairs: 1 medium back revolving chair + executive visitor chairs 2 nos.

Budgetary allocation Rs 2.0 lakhs. The contractor will be paid 10% on the actual price.



## SECTION VI - A: QUALIFICATION CRITERIA

(Referred to in Clause 11.1 of ITB)

### QUALIFICATION REQUIREMENTS

#### Eligible Bidders

1. This Invitation for Bids is open to OEM or their authorized distributors/dealers having minimum annual turnover of Rs. 5.0 Crore during the last three financial years (annual turnover of 2016-17,2017-18,2018-19).
2. **The Bidder should execute at least 1 no. of CCTV Solution for minimum 15 cameras**
3. All bids submitted shall also include the following information.
  - i) The scanned copy of tender fee and bid security must be uploaded.
  - ii) Permanent Account Number.
  - iii) Income Tax Return for last three years.
  - iv) GST Registration Number.
  - v) Power of attorney of the company authorizing the person to sign the bid document and any document related to this bid with purchaser thereafter and should have a valid period of 180 days from the date of bid opening.
  - vi) Proof of distributorship / dealership from the OEM or his authorized agent in India. In case of submission of bids by OEM itself, then sufficient proof / self declaration has to be enclosed.
  - vii) An **Affidavit** stating that neither the vendor, principal supplier of equipment (hardware and accessories) or any associated / affiliated company is blacklisted by any Public Sector Undertaking / Agency of the Govt. of India, Govt. of India and / or State Govt. during the last 3 (three) years.
  - viii) Copies of documents defining the constitution or legal status, place of registration and principal place of business of the company or firm or partnership, etc.
  - ix) The bidder must submit central Excise / VAT Registration/ GST Certificate wherever applicable.
  - x) Reports on financial statement of the Bidder such as profit and loss statements, balance sheets and auditor's report for the last two years duly certified by the CA.

- xi) Bank Solvency certificate up to Rs. 50.00 Lakhs.
- xii) Bank Account No. with name of Bank, Type of account, Bank address.
- xiii) Up-to-date trade license / factory license issued by competent authority.
- xiv) The bidders must certify that there will be no change in address or shift in address from the date of submission of bids till completion of the delivery.
- xv) PF Registration Certificate along with documentary evidence for PF contribution for 10 nos. of employees.
- xvi) The bidder must submit copy of Trade License/ Certificate of Incorporation as a proof of existence in Assam for last 5 years.

**SECTION VII - BID FORM & PRICE**  
**SCHEDULE (To be submitted only in**  
**price Bid (BOQ)**

To

Date :.....

Chief Executive Officer,  
GMDA, Guwahati - 5,  
Sir,

Having examined the Bidding Documents, the receipt of which is hereby duly acknowledged, we, the undersigned, offer to supply and deliver ..... (Description of Goods and Services) in conformity with the said bidding documents for the sum of Amount Quoted in BOQ in accordance with the Schedule of prices attached herewith and made part of this bid.

We undertake. If our bid is accepted, to deliver the goods in accordance with the delivery schedule specified in the Schedule of Requirements.

If our bid is accepted, we will obtain the guarantee of a bank in a sum equivalent of 5 (five) percent of the Contract Price for the due performance of the Contract, in the form prescribed by the Purchaser.

We agree to abide by this bid for a period of 180 days after the date fixed for bid opening under Clause 13 of the Instruction to Bidders and it shall remain binding upon us and may be accepted at any time before the expiration of that period.

Until a formal contract is prepared and executed, this bid, together with your written acceptance thereof and your notification of award shall constitute a binding Contract between us.

We understand that you are not bound to accept the lowest or any bid you may receive.

Dated this ..... day of ..... 2020.

(Signature)

(in the capacity of)

Duly Authorised to Sign Bid For And On Behalf Of

### Section VII- (Price Schedule) - Item Rate BoQ

Tender No. ....Dated .....

Sl. No.	Item Description	Qty	Unit	Unit Price (INR)	GST for each unit	Total Amount with GST (INR)
1	64 Channel NVR	1	No.			
2	Fixed bullet camera	18	Nos.			
3	PTZ camera	2	Nos.			
4	Dome camera	26	Nos.			
5	24 PORT POE SWITCH 10/100/1000 Mbps	5	Nos.			
6	6 TB HDD for NVR Recording	4	Nos.			
7	55 Inch Professional Display	1	Nos.			
8	Video Management Software for 64 channel license with Server	1	No.			
9	Point to Point Wireless Link between Upper & Lower Terminal	1	Link			
10	9 Mtr Tower at North Guwahati end	1	No.			
11	UPS 1 KVA	4	No.			
12	UPS 2 KVA	1	No.			
13	RACK 6U	4	No.			
14	RACK 12U	1	No.			
15	Chemical Earthing	2	No.			
16	LIU	2	No.			
17	CAT 6	8	Boxes			
18	OFC Cable	200	Mtrs			
19	Casing Capping with Laying	2200	Mtrs			
20	Door frame metal detector	Nos.	2			
21	Handheld metal detector	Nos.	4			
22	Split AC	Nos.	1			
23	Desktop Computer	Nos.	2			
24	Laptop	Nos.	1			
25	Printer & Scanner	Nos.	2			
26	Installation item no. 1 to 25	1	Job			
27	Erection of control room with furniture etc. Budgetary allocation	1	Job			200000.00
	Total					
	(Rs in words)					

## SECTION VIII : CONTRACT FORM

An agreement made at Guwahati this day .....of ....., 2020 between the Chief Executive Officer, GMDA, Guwahati - 5, (hereinafter referred, to as the Purchaser which expression shall unless repugnant to the context or meaning thereof includes its successors and assigns) of the one part.

AND

.....(Name of Bidder) having its office at .....  
(hereinafter referred to as the supplier whose expression unless repugnant to the context and meaning thereof includes its assigns, successors and administrations) of the other part.

WHEREAS the Purchaser invited tenders from reputed manufacturers or their authorized distributors / dealers for supply and installation of CCTV Camera with RF Connectivity Project vide tender No. .... dated the ....., 2020 on the terms and conditions envisaged in the terms schedule issued with the tender form and purchase by the Supplier.

AND WHEREAS the SUPPLIER having accepted each and every terms and conditions contained in the tender schedule submitted his bid, and whereas the Purchaser accepted' the bid submitted by the Supplier vide its letter of acceptance dated ..... consideration of the premises and the mutual premises and undertakings hereinafter specified and for other good and valuable consideration this agreement witnesses and is hereby agreed to as follows:

1. The following documents shall be deemed to form and be read and construed as part of this Agreement, viz.:
  - (a)the Bid Form and the Price Schedule submitted by the Bidders;
  - (b)the Letter of Acceptance dated .....
  - (c) the Schedule of Requirements;
  - (d) the Schedule of Specifications as per Section V;
  - (e) the General Conditions of Contract; (f)the Special Conditions of Contract; and (g)the Purchaser's Notification of Award.

The aforesaid documents shall be taken as complementary and mutually explanatory of one another but in case of discrepancies and ambiguities shall take precedence in the order set out above. In this regard the decision of the Purchaser shall be final.

2. In consideration of the payment to be made by the Purchaser to the Supplier as hereinafter mentioned, the Supplier hereby covenants with the Purchaser to supply in conformity with and in all respects with the provisions of the contract mentioned in the bid document accepting all the terms and conditions contained therein.
3. The Purchaser hereby covenants to pay to the Supplier in consideration of the supply and installation of CCTV Camera with RF Connectivity Project on the terms and conditions contained in the bid document the contract price at the time and in the manner prescribed by the contract and mentioned in the bid document.
4. The Supplier hereby covenants to supply and installation of CCTV Camera with RF Connectivity Project of the specifications mentioned in section V, on the terms and conditions mentioned in the bid document, in batches any or all the quantity as per delivery schedule order by the Purchaser.
5. The Supplier has deposited Performance Security of 5% as Bank Guarantee which shall be refunded to the Supplier by the Purchaser, as per clause specified and agreed in the bid document, on the satisfactory performance of the contract supply and installation of CCTV Camera with RF Connectivity Project, unless forfeited by the Purchaser.
6. The delivery schedule may be revised by the Purchaser and the Supplier shall affect deliveries of the goods in accordance with changed supply schedule without claiming revision in rates. The date of the supply shall be the date on which the consignment reaches the required destination. The supply order can be decreased or increased by the Purchaser and the Supplier shall be bound to execute the supply of the additional quantity on the same rates and on the same terms and conditions.
7. The Supplier hereby covenants to supply and installation of CCTV Camera with RF Connectivity Project, to the consignee/ consignees as per dispatch orders to be given by the Purchaser at Section V-A Delivery Schedule.
8. The Supplier shall send relevant Railway Receipt/Motor Receipt free of cost direct to the consignee / consignee's freight pre-paid.
9. The Purchaser shall not be liable / responsible for damages, losses thefts, pilferage, rue, accident; demurrages etc., incurred to the consignment during transit and the Supplier shall bear the same.
10. The Supplier covenants that the consignment/consignments of supply and installation of CCTV Camera with RF Connectivity Project to the consignee.
11. Consignment shall be securely packed so as to withstand the vagaries of nature, rough handling during transit.
12. The dispatch of each and every consignment shall be immediately communicated to the Purchaser / consignee concerned with relevant details or Railway Receipt/Motor Receipt.
13. The supply and installation of CCTV Camera with RF Connectivity

Project `supplied by the Supplier shall conform strictly to the quality etc. specified in Section-V in all respect and as per work order. The Purchaser reserves the right to refuse to accept the delivered goods if found not in conformity with specifications and as per clauses laid in the bid document and for any other sufficient reason in the discretion of the Purchaser.

14. Supply and installation of CCTV Camera with RF Connectivity Project for the reason of not being found in conformity with the specifications and official samples displayed and any bending of the cuts will not be acceptable. The purchaser reserve the rights to conduct all forms of test technical and physical to determine quality and durability and for any other sufficient reason in the discretion of the Purchaser shall be lifted by the Supplier at his own cost within the period granted by the Purchaser and in no case the Purchaser shall be liable for the supply not accepted by the Purchaser.
15. The Purchaser reserves the right to deduct from the Performance Security deposit, the cost of damage of supply and installation of CCTV Camera with RF Connectivity Project and other technical faults, the cost of the same shall be deducted by the Purchaser.
16. Payment for the supply of supply and installation of CCTV Camera with RF Connectivity Project subject to the satisfaction of the Purchaser to the effect that the terms and conditions of the bid document of contract have been observed in full, will be made as mutually agreed upon by the Supplier and the Purchaser.
17. The Bid Security and Performance Security deposit will be refunded as early as possible governed by the bid clauses and on satisfactory performance of the contract on the part of the Supplier.
18. If the Supplier fails to delivery any or all the Goods or to perform the Services within the period(s), specified in the Contract, the Purchaser shall, without prejudice to other remedies under the Contract, deduct from the Contract Price, as liquidated damages, a sum equivalent to 0.10% per day, of the delivered price of the delayed Goods or unperformed Services for each day or part thereof of delay until actual delivery or performance, up to a maximum delay period of 30 (thirty) days. Once the maximum is reached, the Purchaser will have the right to cancel the contract in respect of the quantities of the item not delivered. However if performance is continuously found to be unsatisfactory the rate of deduction of Performance security will be enhanced at the discretion of the purchase or the purchaser reserve the right to cancel the order.
19. The Supplier shall attend to and rectify all the complaints pertaining to the manufacturing defects of goods supplied revealed at any stage within 15 days.

20. All disputes and differences arising out of or in any way touching or concerning this agreement shall be governed by the clauses laid in the bid document.
21. The Supplier shall pay stamp duty on the contract and legal charges for preparation of this agreement.
22. All legal matter arising out of the bidding process can be taken up at the courts having competence to entertain that matter in Guwahati only.
23. Brief particulars of the goods and services which will be supplied/provided by the Supplier are as under:

SL. NO.	BRIEF DESCRIPTION OF GOODS & SERVICES	QUANTITY TO BE SUPPLIED	UNIT PRICE	TOTAL PRICE	DELIVERY TERMS

**Total Value:**

**Delivery Schedule:**

**IN WITNESS** whereof the parties hereto have caused this Agreement to be executed in accordance with their respective laws the day and year first above written. Signed, Sealed and Delivered by the

Said \_\_\_\_\_ (For the Purchaser, Full Name & address)

In the preference of

Signed, Sealed and Delivered by the

Said \_\_\_\_\_ (For the Supplier, Full Name & address)

In the presence of



**SECTION IX  
TENDER FORM**

**(All the information desired below is compulsory)**

1. Name & Address of the Bidder: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_
2. Telephone Numbers: \_\_\_\_\_
3. Fax Numbers: \_\_\_\_\_
4. Email Address: \_\_\_\_\_
5. Sales Tax Registration No: \_\_\_\_\_
6. Income Tax PAN No: \_\_\_\_\_
7. GST Registration No.: \_\_\_\_\_
8. Bid Security Details:
- a. FDR/BG No: \_\_\_\_\_
- b. Date: \_\_\_\_\_
- c. Name of Bank: \_\_\_\_\_
9. Quantity of item offered by the Bidder:[Give item details wise for each type/version separately]
10. Validity Offered for: \_\_\_\_\_ days.
11. Whether quoted as per Technical Specifications laid under Section VI:  
Yes/No
12. Whether proof of Income-Tax Clearance, GST Registration submitted:  
Yes/No
13. Any other information :

Signature of the Bidder: \_\_\_\_\_

Date: \_\_\_\_\_

**FORM - II (FINANCIAL DETAILS)**

Sl No.	Financial Year	Turn Over (in INR)
1	2016-2017	
2	2017-2018	
3	2018-2019	
	<b>Total</b>	

(Enclose copy of audited balance sheet)

**FORM - III (EXPERIENCE DETAILS)** Attach separate sheet, if required

SL. NO.	BRIEF DESCRIPTION OF GOODS & SERVICES SUPPLIED	NAME & ADDRESS OF CLIENT WITH CONTACT DETAILS	AMOUNT OF CONTRACT	ANY OTHER INFORMATION

Note: For work experiences documents/completion certificate issued by clients to be attached.

Signature of the Bidder: \_\_\_\_\_

Date: \_\_\_\_\_