

Tender Document

**“Supply, Installation, Commissioning &
maintenance of Video Wall Solution, Audio
video equipment etc. at the State Emergency
Operation Centre,
For
Assam State Disaster Management Authority”**

Tender No: RGR/ASDMA/12/2019/31

Issued on: 29.07.2019

Issued By:

**Assam State Disaster Management Authority
(ASDMA)
Janata Bhawan
Dispur, Guwahati-781006**



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SECTION-1

1 NOTICE INVITING TENDER (NIT)

The Chief Executive Officer, Assam State Disaster Management Authority (ASDMA) invites Technical & Financial Bids from Original Equipment Manufacturers (OEM) or Authorized reputed IT Vendor for "Supply, Installation, Commissioning & maintenance of Video Wall, audio video equipment etc. at the SEOC, ASDMA with 5 years Comprehensive Onsite Warranty" for the Office of Assam State Disaster Management Authority.

Tender documents shall be available from the office of Assam State Disaster Management Authority (ASDMA), Secretariat Complex, Assam Secretariat, Dispur, Guwahati-781006 on payment of non-refundable fee of INR 1,000/- (INR One Thousand only) by Demand Draft in favour of "CEO, Assam State Disaster Management Authority" payable at Guwahati.

Complete tender documents are also available on e-Procurement portal <https://assamtenders.gov.in>

The documents downloaded by the parties from the website shall be valid for participation in the tender process. Those making use of the tender documents downloaded from the website shall have to pay the fee of the document i.e. Rs. 1,000/- (Rupees One Thousand only) in the form of a demand draft along with the tenders. Tenders received without the requisite fee shall be considered as invalid.

Last date for seeking clarification, if any: 10 (ten) days prior to the scheduled date of opening. Bidders are advised to check the e-Procurement portal <https://assamtenders.gov.in> regularly for amendments, if any.

1.1 ELIGIBILITY CRITERIA

1. The bidder should be either Original Equipment Manufacturer (OEM) or Authorized Dealer.
(Please submit manufacturer's authorization letter on the OEM's letter head duly ink signed by authorized signatory & stamped as per Annexure-IV).
2. The bidder should be a regular supplier to and details of previous experience in manufacturing, supplying, similar works to reputed organization should be indicated with details like Order Value, Name of the contact person, Contract number and date. etc., .The bidder should indicate with full details the list of organizations where its Audio System/Video Systems/ is supplied in India.
3. The Bidder's Firm must be incorporated & registered in India, under the Indian Companies Act/Societies Registration Act/Firm registration act/Trust Act and should be in operations in India for minimum of 5 years' experience in the relevant field. (Please submit Proof of Registration). The Bidder should be a profitable organization for the last 5 years.



4. Average Financial Turnover during the last 3 years, ending 31st March 2019, should be Rs.1 Crore (Rupees One Crore) only.
(Please submit Annual Report (Balance Sheet and Profit & Loss Account) for the last three financial years i.e. 2016-2017, 2017-2018, 2018-19). Document related to Average Annual Financial Turnover along with audited balance sheet should be certified from Chartered Accountant (CA).
5. Bidder should have experience of having successfully completed similar supplies during the last 3 financial years ending 31st March, 2019. (Please submit attested copies of supply order & completion certificate. The Bidder should be reputed acclaimed and supplier of Similar Works with capability to execute such systems of similar and higher capacity. The manufacturer/OEM authorized bidder should be having his full-fledged own offices in Guwahati, Assam).
6. The Bidder should have at least a Qualified Engineer with CTS certification to execute the project.
7. The Bidder should not have been blacklisted/barred by any PSU/Govt. Dept. in doing business with them. (Please submit self-declaration).
8. The Bidder should have executed one or more works for similar In All Govt. Institution for a value of more than Rs. 30.00 Lakhs
9. The bidder/OEM should have an authorized Service centers in Guwahati, Assam.
10. Bidder should have updated valid GST Registration certificate.
11. Bidder should submit an authorization letter from OEM for comprehensive onsite warranty of the equipment up to 5 (five) years.

Note: Bidder must provide the scan copy of necessary supporting documents as proof in respect of the eligibility criteria mentioned above.

Interested and eligible Bidders are required to submit the scan copy of necessary documents related to Eligibility Criteria, Technical and Financial Bids in 3 (three) separate envelopes on e-Procurement Portal as stated above. The Bidders are also required to submit the necessary original documents related to Eligibility Criteria and Technical in 2 (two) separate sealed envelopes. The bidders should submit the documents of Eligibility Criteria accompanied by Tender Fees & EMD as specified in this Bid Document by the prospective Bidder in the first envelope. The detailed Technical bid documents will have to be furnished in a second envelope. The required documents related to Eligibility Criteria and Technical Bid should be put in an envelope and must be delivered to the Office of Assam State Disaster Management Authority (ASDMA), Secretariat Complex, Janata Bhawan, Dispur-6 on the date specified below. Bidders are requested not to submit the financial bid to the office of ASDMA.

1. The envelope containing the Eligibility Criteria & Technical Bid will be opened on the specified date and time in presence of Bidders or their authorized representatives who choose to attend. In the event of the date specified for bid receipt and opening being declared as a holiday, the due date for submission and opening of bids will be the following working day at the appointed times.

2. The summary of various activities with regard to this invitation of bids are listed in the table below:

	BID REFERENCE	Date & Time
1	Date of commencement of issue of Bid documents	29.07.2019
2	Last date for submission of queries/requests for clarification	07.08.2019
3	Date & Time of Pre-bid Meeting	09.08.2019 (11.00 AM in the conference Hall of ASDMA)
4	Last date and time for purchase/Download of Tender documents	28.08.2019 (4.00 PM)
5	Last date & Time for submission of Bids	28.08.2019 (4.30 PM)
6	Date & Time of opening the document related to Eligibility Criteria	31.08.2019 (3.00 PM in the conference Hall of ASDMA)
7	Date & Time of opening the Technical Bid	Will be intimated to the qualified bidders by the Purchaser on the day of opening of
8	Date & Time of opening of Financial Bid	technical bid or subsequently either through fax or through letter.



State Project Co-Ordinator,
Assam State Disaster Management Authority
Dispur, Guwahati.



SECTION-2

2 INSTRUCTIONS TO BIDDERS

2.1 INTRODUCTION (DEFINITIONS)

- 2.1.1 "Purchaser" means Assam State Disaster Management Authority.
- 2.1.2 "Bidder" means the Original Equipment Manufacturer/Authorized Dealer that participates in the tender and submits its bid.
- 2.1.3 "Goods/Products" means all the hardware equipment and software including consumables which the supplier is required to supply to the Purchaser under the Purchase Order.
- 2.1.4 "Letter of Intent (LOI)" means the communication of the intention of the Purchaser to the Bidder to place the Purchase Order for the former's offered goods/services.
- 2.1.5 "Purchase/Work Order (PO)" means the order placed by the Purchaser on the Supplier duly signed by the Purchaser's authorized representative to purchase certain goods & services from the vendor/contractor.
- 2.1.6 "Contract" means the Agreement entered in between the Purchaser and the Supplier, together with the contract documents referred to therein, including all attachments, appendices, and all documents incorporated by reference therein.
- 2.1.7 "Contract Document" means the document listed in the Agreement, including any amendments thereto.
- 2.1.8 "Contract Price" means considerations payable to the supplier/contractor as stipulated in the Purchase or Work Order for performance of specified contractual obligations.

2.2 BIDDER TO BEAR COST OF PURCHASE OF TENDER

The Bidder shall bear all costs associated with the preparation and submission of the bid. The Purchaser in any case will not be responsible or liable for these costs regardless or the conduct of the bidding process.

2.3 BID DOCUMENTS

- 2.3.1 Bid Documents include:-
- Section 1: Notice Inviting Tender
 - Section 2: Instructions to Bidders
 - Section 3: General Conditions of the Contract
 - Section 4: Special Conditions of the Contract
 - Annexure-I: Format of Performance Bank Guarantee (PBG)
 - Annexure-II: Detailed scope of the work for bidder
 - Annexure -III: Check List
 - Annexure-IV: Authorization Letter
 - Annexure -V: Service Centre List
 - Annexure -VI: Deviation from Items Specification

Annexure-VII: Deviation from Tenderer Terms and Condition

Annexure-VIII: Warranty

Annexure-IX: Bid Letter

Annexure-X: Datasheet

Annexure-XI: Price List

Annexure-XII: Bill of Quantity (BOQ)

Annexure-XIII: Evaluation Matrix

2.4 AMENDMENT TO BID DOCUMENTS

2.4.1 At any time, prior to the date of submission of bids, the Purchaser may for any reason, whether at its own initiative or in response to a clarification requested by a prospective bidder, modify the bid documents by amendments.

2.4.2 The amendments/Corrigendum will be notified on e-Procurement portal <https://assamtenders.gov.in> and these amendments will be binding on them. Bidders are advised to visit e-Procurement portal regularly for updates on this Tender.

2.5 EXTENSION OF TIME

In order to give prospective bidders required time in which to take the amendments into action in preparing their bid, the Purchaser may at its discretion extend the deadline for submission of bid suitably.

2.6 BID PRICE

Price indicated in the schedule shall be **FOR destination** basis. Prices should be inclusive of all taxes and duties including but not limited to Excise Duty, Sales Tax and other taxes, transit insurance, freight and Service Tax etc. No claim whatsoever on the bid price will be entertained subsequently due to wrong quoting of tax or rate of any tax.

However, **rate of taxes and duties included in the price offered should also be given separately from the basic price. The prices quoted by the bidder shall remain firm during the entire period of the contract** and shall not be subject to variation on any account. The bid submitted with a variation clause (unless asked by the Purchaser) will be treated as non-responsive and rejected.

2.7 BIDDERS ELIGIBILITY AND QUALIFICATIONS

Bidder shall furnish as a part of bid documents establishing the bidder's eligibility to supply the material. The bidder shall also submit documentary evidence in the form of literature, drawing, data on the goods offered.

2.8 EMD

2.8.1 The Bidder shall submit EMD amounting to Rs. 1.00 (One) Lakh. EMD shall be in one of the following forms:-

- a. A Bank Guarantee issued by any Nationalised Bank/Indian Bank/Scheduled State Co-operative Banks as in favour of the Purchaser valid for a period of 180 days from the date of tender opening.

Ad

- b. Demand Draft from a Nationalised Bank/Indian Bank/Scheduled State Co-operative Banks in favour of “CEO, Assam State Disaster Management Authority”, payable at Guwahati.
- 2.8.2 The bid not secured in accordance with the above shall be rejected by the Purchaser as being non-responsive.
- 2.8.3 EMD of the unsuccessful bidder will be discharged/ returned as promptly as possible, but not later than 30 days after expiry of the bid validity period prescribed by the Purchaser.
- 2.8.4 The successful bidder's EMD will be discharged upon the bidder's submission of the Performance Guarantee.
- 2.8.5 EMD may be forfeited under the following circumstances:-
- If a bidder withdraws his bid during the period of bid validity specified by the bidder on the bid form.
 - In case of a successful bidder, if he fails to submit the Performance Guarantee within the time prescribed or
 - If he fails to supply the material in terms of the conditions of contract.
- 2.8.6 No interest is payable on EMD.
- 2.8.7 In case of inadequacy or non-submission of prescribed EMD, the tender shall be deemed to be disqualified and shall be summarily rejected in the technical evaluation.

2.9 VALIDITY PERIOD OF BID

Bid shall remain valid for 180 days after the date of Technical & Financial bid opening. The bid valid for a shorter period shall be rejected by the Purchaser as non-responsive.

In exceptional circumstances, the purchaser may request the consent of the bidder for an extension to the period of bid validity. The EMD provided under clause 2.8.1 (a) shall also be suitably extended. A bidder accepting the request and granting extension will not be permitted to modify his bid.

2.10 FORMAT OF SIGNING OF THE BID

- 2.10.1 Bid must be submitted on e-Tendering Process through <https://assamtenders.gov.in>
- Bidder must submit their Eligibility, technical and financial bids through e-Tendering Process.
 - Bidder must register themselves on the above portal with their digital certificate (class-2 signing) issued by certifying authority.
- 2.10.2 The bidder shall also prepare two physical copies of the bid clearly marking one copy as "Original Copy" and the other as "Copy" & also provide softcopy of technical bid on CD-ROM in MS-Word format and submit the same to the Office of ASDMA.
- 2.10.3 In the event of any discrepancy between them, the Original Copy shall prevail.
- 2.10.4 The original copy of the bid shall be typed and shall be signed by the bidder or a person duly authorized by the bidder. The Letter of Authorization shall be accompanied by a written Power of Attorney accompanying the bid.
- 2.10.5 All pages of the original bid except printed literature shall be initialed by the person signing the bid.

2.10.6 The bid shall contain no interlineations, erasures or overwriting except as necessary to correct errors made by the bidder in which case such corrections shall be initialed by the bidder signing the bid.

2.11 DEADLINE FOR SUBMISSION OF BID

Bid must be received by the Purchaser at the address specified and not later than the date and time specified in the NIT.

2.12 LATE BID

Any bid received late by the Purchaser after the deadline for submission of the bid shall be rejected and returned un-opened to the bidder.

2.13 MODIFICATION AND WITHDRAWAL OF BIDS

2.13.1 The bidder may modify or withdraw his bid provided that written notice of modification or withdrawal is received by the Purchaser prior to the deadline prescribed for submission of bids.

2.13.2 No bidder may modify or be allowed to withdraw bid subsequent to the deadline for submission of bids.

2.14 SUBMISSION OF BID

Bids are to be submitted in three bid form comprising of 1) Documents containing eligibility criteria 2) Technical Bid and 3) Financial Bid. Each of the bid documents is to be sealed. The documents to be placed under each of the sections are as follows:

1) Documents containing eligibility criteria:-

- Documentary evidence in respect of the eligibility criteria mentioned in **Section-1 and Annexure- III.**
- EMD.
- Demand Draft for INR 1,000/- in favour of "CEO, Assam State Disaster Management Authority." payable at Guwahati if the tender document is downloaded from the website.

2) Technical Bid: The Technical Bid will comprise of the following bidding documents

- Data Sheet (**Annexure- X**) on the e-procurement portal of Assam mentioning complete technical specifications, make & model, name of suppliers/manufacturers and commercial terms etc. of the equipments offered. It may specifically be mentioned whether the quotation is strictly as per bid technical specifications. If not, deviations must be spelt out specifically, in the absence of which, the quotation may be rejected.
- Power of Attorney /Authorization with a seal of the company, of person signing the bid documents. All the pages of the Bid (original & copy) must be serially numbered along-with Index page and kept in a file. Each page must indicate the page number of that page/the total number of pages the bid contains. For example, if the bid contains 99 pages in total, the marking on page 1 shall be "1/99", on page 2 it will be marked as "2/99" and so on.

3) **Financial Bid:** Financial Bid shall contain the **Price Bid Schedule** as per the format given in **e-Procurement Portal (Annexure-XI)**. Bidders are requested to upload the financial bid only in the **e-Procurement Portal of Assam**. No need to submit the financial bid envelope to the office of ASDMA.

2.14.1 A single sealed envelope containing both the envelopes (i.e. Eligibility Criteria Envelope 1 and Technical Bid Envelope 2 sealed separately) shall be addressed to the purchaser at the following address:

To,
The Chief Executive Officer
Assam State Disaster Management Authority
Assam Secretariat Complex,
Guwahati-781006

The envelopes should be super scribed "**TENDER FOR SUPPLY, INSTALLATION, COMMISSIONING & MAINTENANCE OF VIDEO WALLS, AUDIO VIDEO EQUIPMENT ETC. AT THE SEOC, ASDMA**" For Assam State Disaster Management Authority : **DO NOT OPEN**"

The tender box shall be sealed at the stipulated deadline for submission.

The tender box shall be opened at the stipulated time of opening in the presence of intending bidders.

For any queries/ information the bidder can contact at the address mentioned below:

Assam State Disaster Management Authority
Assam Secretariat Complex,
Guwahati-781006
Email ID: asdmaghy@gmail.com
Tel: 0361-2237221, Fax: 0361- 2237010

- The inner and outer envelopes shall indicate the name and address of the bidders to identify the bid and to enable the bid to be returned unopened in case it is declared 'late' or 'rejected'.
- VENUE OF TENDER OPENING: Tender shall be opened in the office of **Assam State Disaster Management Authority, Assam Secretariat Complex, Dispur, Guwahati-781006** at the time on the due date mentioned in the N.I.T. If due to any administrative reason the venue of Bid opening is changed it will be duly intimated.
- Offer received through Fax/E-mail or through open letter shall be ignored.
- Bids submitted not in the manner prescribed are liable to be summarily rejected which will be the sole discretion of the Authority.

2.15 OPENING OF TECHNICAL BID

2.15.1 The Purchaser shall open the Technical Bid in the presence of the bidder or their authorized representatives, who choose to attend at date and time specified in the NIT. The authorized representatives, who remain present, shall sign the Attendance Register.

2.15.2 A maximum of two representatives authorized by any bidder shall be permitted to attend the bid opening.

2.15.3 The date fixed for opening of bids, if subsequently declared as a Govt. holiday, the revised date of schedule will be notified. However, in absence of such notification, the bids will be opened on next working day, time and venue remaining unaltered.

2.16 OPENING OF FINANCIAL BID

Financial Bid of only those bidders will be opened whose Technical Bids are found to be qualified and acceptable to ASDMA. Authorized representative of the bidders may attend the Financial Bid opening. The qualified parties shall be notified with the date, time & venue of the opening of the Financial Bid.

2.17 EVALUATION OF BIDS

2.17.1 The evaluation would consist of following phases:

Phase I: Evaluation of Eligibility Criteria.

Phase II: Evaluation of Technical Bids.

Phase III: Evaluation of Financial Bids.

Phase IV: Combined Evaluation of Technical and Financial Bids.

2.17.2 **Phase I:** Evaluation of Eligibility Criteria:

In this part the Agency will be evaluated for the fulfillment of the conditions specified in the Eligibility Criteria under Clause 1.1.

2.17.3 **Phase II:** Evaluation of Technical Bids:

In this part the technical bid of only those agencies who have qualified the Phase I i.e. Eligibility Criteria will be evaluated.

The technical bid will be analyzed and evaluated on:

- Experience of the Firm
- Qualification of Technical Experts/Service Centre
- Technical Specification

2.17.4 The technical bid will be analyzed and evaluated and the technical bid marks shall be assigned to each bid on the basis of evaluation matrix at **Annexure-XIII**.

2.17.5 Analysis of technical bid:-

- i. In this part, the technical bid will be analyzed and evaluated and the technical bid marks (Stm) shall be assigned to each bid on the basis of evaluation matrix.
- ii. Each competency group will have Minimum Qualification Score and only those Technical Bids receiving marks greater than or equal to cut-off marks in each competency group will be eligible for consideration in financial bids. If required, the Authority may seek specific clarifications from any or all Tenderer(s) at this stage. The Authority shall determine the Tenderer that qualify for the next phase after reviewing the clarifications provided by the Tenderer(s).
- iii. Technical Bid Score: The Technical Bid Score 'St' of the Tenderer shall be derived as under

$$S_t = (S_{tm}/S_H), \text{ where}$$

S_t is the Technical Bid Score

S_{tm} = Total technical bid marks of the bid under consideration

S_H = Highest total technical bid marks amongst all evaluated bids

2.17.6 The Authority reserves the right to modify the evaluation process at any time during the Tender process, without assigning any reason, whatsoever, and without any requirement of intimating the Tenderer of any such change. At any time during the process of evaluation the Authority may seek specific clarifications from any or all Tenderer.

2.17.7 Phase III: Evaluation of Financial Bids:

In this phase, the Financial Bids of the Tenderer, who are technically qualified in Phase II, shall be opened. Formula to determine the scores for the Financial Bids shall be as follows

$$S_f = (F_L / F),$$

Where

S_f is the Financial Score

F_L is the value of lowest Commercial Bid

F is the price quoted in the bid under consideration

2.17.8 Phase IV: Combined Evaluation of Technical & Financial Bid

- i. The Total score of the Tenderer will be determined as under

$$\text{Total Score (T}_s) = (70 \times S_t) + (30 \times S_f)$$

- ii. The Bid of the Tenderer, who obtains the highest T_s value, will be rated as the best Bid. In the event of a tie, the bid with the highest technical score (S_t) will be rated as the best bid. Beyond that, Authority will decide the matter in its full discretion.
- iii. The Authority will award the Contract to the successful Tenderer whose bid has been determined to be substantially responsive and has been determined as the best bid, provided further that the Tenderer is determined to be qualified to perform the Contract satisfactorily. The Authority shall however not bind itself to accept the best bid or any bid and reserves the right to accept any bid, wholly or in part.

2.18 PURCHASER'S RIGHT TO VARY QUANTITIES

2.18.1 The Purchaser reserves the right at the time of award of the contract to increase the quantity of the goods and services specified in the schedule of requirements without any change in unit price of the ordered quantity.

2.18.2 In case of division of order among a number of parties, the distribution of quantity will be accordingly done by the Purchaser on an individual tender.

2.19 PURCHASER'S RIGHT TO ACCEPT ANY BID AND TO REJECT ANY OR ALL BIDS

The Purchaser does not bind himself to accept the lowest or any other tender/bid and has the right to cancel the bidding process and reject all bids at any time prior to award of the contract without assigning any reasons whatsoever and without thereby incurring any liability to the affected bidder on the grounds for the Purchaser's action.

2.20 NOTIFICATION OF SUCCESSFUL BIDDER

- 2.20.1 Prior to the expiration of the bid period, the Purchaser will notify the successful bidder in writing by registered letter or fax or e-mail, to be confirmed in writing by registered letter that its bid has been accepted.
- 2.20.2 The notification of the award will constitute the formation of the contract
- 2.20.3 The successful bidder will furnish the Performance Bank Guarantee (PBG) within 10 days of the notification.
- 2.20.4 Upon successful bidder furnishing the PBG, the Purchaser will notify each unsuccessful bidder and will discharge its bid bond.

2.21 SIGNING OF CONTRACT

- 2.21.1 At the time when 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 agreement between the parties.
- 2.21.2 Within 7 days of receipt of the contract form, the successful bidder shall sign and date the contract and return it to the Bidder.

2.22 CANCELLATION OF LETTER OF INTENT

- 2.22.1 Failure of the successful bidder to comply with the requirement of submission of Performance Bank Guarantee in time shall constitute sufficient ground for the cancellation of the acceptance of bid and forfeiture of the bid bond, in which case Purchaser will have the discretion to make the offer to any other bidder or call for new bids.

2.23 POST BID CLARIFICATIONS

No post bid clarification at the initiative of the bidders shall be entertained and any effort by the bidders to influence the Purchaser in the Purchaser's bid evaluation, bid comparison or award of the contract shall result in rejection of the bid.

2.24 DELIVERY

Delivery of the goods shall be made by the supplier in accordance with the terms specified by the Purchaser in the Special condition of the contract and goods shall remain at the risk of the supplier until the completion of delivery in full. The Schedule of delivery shall be the essence of the contract.

SECTION - 3

3 GENERAL CONDITIONS OF THE CONTRACT

3.1 PRICE APPLICABILITY

Prices quoted by the bidder in the Price Bid Schedule (**Annexure XI**) shall remain valid for a period **2 year** from the date of signing the contract between the Purchaser and the Supplier.

3.2 STANDARDS

The goods supplied under the contract shall conform to the standards mentioned in the Technical Specifications (**Annexure XII**).

3.3 PATENT RIGHTS

The Supplier shall indemnify the Purchaser against all third party actions/claims of infringement of patent, trademark or industrial design rights arising from the use of goods or any part thereof.

3.4 PERFORMANCE BANK GUARANTEE

- 3.4.1 Within 10 days of the Supplier's receipt of Letter of Intent (LOI)/P.O., the Supplier shall furnish a Performance Bank Guarantee amounting to 10% of the contract/P.O. value issued by a Nationalised Bank/ Indian Bank/Scheduled State Co-operative Banks in the prescribed format given in this tender(**Annexure-I**).
- 3.4.2 The proceeds of the Performance Bank Guarantee shall be payable to the Purchaser as compensation for any loss resulting from the Supplier's failure to complete its obligations under the contract.
- 3.4.3 The Performance Bond will be discharged by the Purchaser after completion of the Supplier's obligations including any warranty obligations under the contract.
- 3.4.4 As regards validity of Performance Bank Guarantee, please refer to Special Conditions of the contract (Section-4).



3.5 INSPECTION AND TESTS

- 3.5.1 The Purchaser or its representatives or ultimate client shall have the right to inspect and test the goods for their conformity to the specifications. The Purchaser may also appoint an agency for this purpose. The technical specifications shall specify what inspection and tests the Purchaser requires and where they are to be conducted. Where the Purchaser decides to conduct such tests on the premises of the Supplier, all reasonable facilities and assistance like testing instruments and other test gadgets including access to the drawings and production data shall be furnished to the Inspector free of costs. In case the tested goods fail to conform to the specifications, the Inspector may reject them and the Supplier shall either replace the rejected goods or make alteration necessary to meet the specifications requirements free of cost to the Purchaser.
- 3.5.2 Notwithstanding the pre-supply tests and inspections, the material on receipt in the Purchaser's premises shall also be tested and if any material or part thereof is found defective, the same shall be replaced free of cost to the Purchaser.
- 3.5.3 If any material before it is taken over is found defective or fails to fulfill the requirements of the contract, the Purchaser shall give the Supplier notice setting forth details of such defects or failures and the Supplier shall make the material good or alter the same to make it comply with the requirements of the contract and in any case within a period not exceeding 2 months of the initial report. These replacements shall be made by the Supplier, free of all charges, at the site(s).
- 3.5.4 As regards Inspecting Authority and other details please refer to Special Conditions of the Contract (Section-4).

3.6 TRAINING

- 3.6.1 The Bidder shall provide training on the use of the Equipment.

3.7 WARRANTY

- 3.7.1 The Supplier shall give Comprehensive onsite warranty that goods to be supplied shall be new and free from all defects and faults in material, workmanship, and manufacture and shall be of the highest grade and consistent with the established and generally accepted standards for materials of the type ordered and shall perform in full conformity with the specifications and drawings. The Supplier shall be responsible for any defects that may develop under the conditions provided by the supplier and under proper use, arising from faulty materials, design or workmanship such as corrosion of the equipment, inadequate contact protection, deficiencies in circuit design and or otherwise and shall remedy such defects at his own cost

when called upon to do so by the Purchaser, who shall state in writing in what respect goods are faulty. This warrantee shall survive inspection or payment for, and acceptance of goods after the goods have been taken over.

3.7.2 However, the warranty period specified, if any, in the Special Conditions of Contract (Section - 4) the same shall rule.

3.7.3 If it becomes necessary for the supplier to replace or renew any defective portion/portions of the equipment under this clause, the provisions of the clause shall apply to the portion/portions of equipment's replaced or renewed or until the end of the warranty period. If any defect is not remedied within a reasonable time, the Purchaser may proceed to get the work done at the Supplier's risk and expenses, but without prejudice to any other rights which the Purchaser may have against the Supplier in respect of such defects.

3.7.4 Replacement under warranty clause shall be made by the Supplier free of all charges at site including freight, insurance and other incidental charges.

3.8 CHANGE IN ORDERS

3.8.1 The Purchaser may at any time by written order given to the Supplier make changes within the general scope of the contract in any one or more of the following:-

- a) Drawings, designs or specifications where goods to be furnished under the contract are to be specifically manufactured for the Purchaser.
- b) Method of transportation or packing.
- c) Place of delivery.
- d) Services to be provided by the supplier.

3.8.2 If any such change causes an increase or decrease in the cost or the time required for the execution of the contractor, an equitable adjustment shall be made in the contract price or delivery schedule or both and the contract shall accordingly be amended.

3.9 SUB-LETTING

The Bidder cannot assign or transfer and sub-contract its interest/ obligations under the contract without prior written permission of the Purchaser.

3.10 LIQUIDATED DAMAGES

3.10.1 The date of the delivery of the goods/services stipulated in the acceptance of tender should be deemed to be the essence of the contract and the delivery must be completed not later than the dates specified therein. Extension in delivery period will not be given except in exceptional

circumstances. Should, however, deliveries be made after expiry of the contract delivery period and accepted by the consignee, such deliveries will not deprive the Purchaser of the right to recover Liquidated Damages.

3.10.2 In case the Supplier fails to supply the goods/services against the order, the same shall be procured from other suppliers at the cost and risk of the Supplier and the excess money will be recovered from any dues of the party.

3.10.3 For late deliveries, as liquidated damages (LD), a sum equal to 2% of the price of any goods/services not delivered or total order value in case where part delivery is of no use to a Purchaser, for a week or part of a week subject to maximum limit of 10% of the total order will be recovered from the Supplier. The Purchaser also reserves the right to cancel the order in such cases and forfeit the Performance Bank Guarantee and may also debar the Supplier for future purchases.

3.10.4 LD can be recovered from any dues of the Supplier.

3.11 ARBITRATION

3.11.1 In the event of any dispute arising between ASDMA and the Supplier in any matter covered by this contract, the Tribunals and Courts at Guwahati will have the exclusive jurisdiction in respect of all matters and the provisions of the Indian Arbitration Conciliation Act, 1996 shall apply to such arbitration.

3.12 RISK PURCHASE

3.12.1 In the event of Supplier's failure to execute the contract to the satisfaction of the Purchaser, the Purchaser reserves the right:

- To reject any part of the Contract executed and withhold payment for such portion of the Contract till such time the defects are rectified to the satisfaction of the Purchaser.
- To terminate the Contract by giving 2 weeks notice in writing without assigning any reason and to get the Contract executed by other agency at the risk and cost of the Supplier.

3.13 GENERAL LIEN

Whenever under this contract any sum of money is recoverable from and payable by the Supplier, the Purchaser shall be entitled to recover such sum by appropriating in part or in whole the Performance Bank Guarantee of the Supplier. In the event of the Performance Bank Guarantee being insufficient, the balance or the total sum recoverable, as may be, shall be deducted from any sum due to the Supplier or which at any time thereafter may become due to the Supplier under this or any other contract with the Purchaser. Should this sum be not sufficient to cover the

full amount recoverable, the Supplier shall pay to the Purchaser on demand the remaining balance due.

3.14 PACKING

The supplier shall ensure that the Goods/Equipment are securely and adequately packed to ensure safe arrival at the destinations fully withstanding all hazards such as rough handling etc. during transit.

3.15 REPLACEMENT OF DEFECTIVE EQUIPMENT

3.15.1 If any equipment or any part thereof, is found defective or fails to meet the requirements of the contract before it is accepted, ASDMA shall give the Supplier a notice setting forth details of such defects or failures and the Supplier shall forthwith arrange to set right the defective equipment or replace the same by a good one to make it comply with the requirements of the contract. This in any case shall be completed within a period not exceeding one month from the date of the initial report pointing out the defects. The replacement or rectification shall be made at site by the Supplier free of cost. Should the Supplier fail to do the needful within this stipulated time frame, the purchaser reserves the right to reject the equipment in full or in part and get it replaced at the cost of the Supplier. The cost of any such replacement made by the Purchaser shall be deducted from the amount payable to the Supplier against this purchase order.

3.15.2 If any equipment or part thereof is lost or rendered defective during transit, pending settlement of the insurance claim, fresh order shall be placed on the Supplier for such loss or defective equipment and the Supplier shall arrange to supply the same within three months of such order at the same prices and on the same general terms and conditions as mentioned in this purchase order.

3.16 FORCE MAJEURE

If any time, during the continuance of this contract, the performance in whole or in part by either party under obligation as per this contract is prevented or delayed by reasons of any war or hostility, act of the public enemy, civil commotion, sabotage, fire, flood, explosion, epidemic, quarantine restrictions, strike, lockout or acts of God (hereinafter referred to "eventuality"), provided notice of happening of any such eventuality is given by either party to the other within 21 days of the date of occurrence thereof, neither party shall be the reason of such an "eventuality" and be entitled to terminate this contract nor shall either party have any claim or damages against the other in respect of such non-performance or delay in performance and deliveries under the contract. The contract shall be resumed as soon as practicable after such "eventuality" has come to an end or ceased to exist. In case of any dispute, the decision of CEO, ASDMA, shall be final and conclusive, provided further that if the performance in whole or part of any obligation under this contract is prevented or delayed by reason of any such eventuality for a period exceeding 60 days, either party may at its option, terminate the contract.

Provided also that if the contract is terminated under this clause the Purchaser shall be at liberty to take over from the Supplier at a price to be fixed by the Purchaser, which shall be final, all unused, undamaged and acceptable materials, bought out components and other stores in the course of manufacture which may be in the possession of the Supplier at the time of such termination, or such portion thereof as the Purchaser may deem fit except such material, as the Supplier may, with the concurrence of the Purchaser, elect to retain.

3.17 TERMINATION FOR DEFAULT

3.17.1 The Purchaser, may, without prejudice to any other remedy for breach of contract, by written notice of default, sent to the Supplier, terminate this contract in whole or in part.

- if the supplier fails to deliver any or all the goods within the time period (s) specified in the contract, or any extension thereof granted by the Purchaser .
- if the Supplier fails to perform any other obligation(s) under the contract; and
- if the Supplier, in either of the above circumstances, does not remedy his failure within a period of 15 days (or such longer period as the Purchaser may authorize in writing) after receipt of the default notice from the Purchaser.
- On a notice period of 30 days.

In the event the Purchaser terminates the contract in whole or in part pursuant to the above para, the Purchaser may procure, upon such terms and in such manner as it deems appropriate, goods similar to those undelivered and the Supplier shall be liable to the Purchaser for any excess cost for such similar goods. However, the Supplier shall continue the performance of the contract to the extent not terminated.

3.18 TERMINATION FOR INSOLVENCY

The Purchaser may at any time terminate the Contract by giving written notice to the Supplier, without compensation to the supplier if the supplier becomes bankrupt or otherwise insolvent as declared by the competent court provided that such termination will not prejudice or effect any right of action or remedy which has accrued or will accrue thereafter to the purchaser.

3.19 ADD ON/REPEAT ORDER

ASDMA reserves the right to place Add on/Repeat order for additional quantity upto 100% of the original quantity at the same rate and terms & conditions of the purchase order within 1 year from the date of issue of purchase order.

SECTION - 4

4 SPECIAL CONDITIONS OF CONTRACT

The following special conditions of the contract shall supplement the general conditions of the contract. Whenever there is a conflict, the provision herein shall prevail over those in the general conditions of the contract.

4.1 PAYMENT TERMS

Payment will be released by the Assam State Disaster Management Authority (ASDMA) in Indian Rupees as follows:

- 50% payment within 30 days from the date of supply at the F.O.R destination. (Payment will be made after submission of the Delivery Challans that have to be certified by the Authorized official of ASDMA to the effect that “the goods have been received in full and in good condition, as per the specifications”.
- After supply of the items, next 40% payment within 30 days from the date of installation at the F.O.R destination. (Payment will be made after submission of the Installation report that have to be certified by the Authorized official of ASDMA to the effect that “the goods have been installed successfully, as per the specifications”.
- The remaining 10% payment within 30 days will be released after submission of commissioning report for all F.O.R destination, subject to certificate from the Authorized official of ASDMA that material has been successfully installed and commissioned, and working satisfactorily.
- The payment for manpower cost will be made on quarterly basis after successful completion of every quarter term support for a period of 5 years or as defined by ASDMA.

No payment will be made for goods rejected on testing.

4.2 PAYING AUTHORITY: - Assam State Disaster Management Authority (ASDMA).

4.3 CONSIGNEE: The Assam State Disaster Management Authority (ASDMA), Ancillary Block-I, Janata Bhawan, Dispur- 781006, Assam.

4.4 INSPECTING AUTHORITY

The Inspecting Authority will be nominated at the time of issue of Purchase Order.



4.5 DELIVERY SCHEDULE

Completion of work should be done within 4 weeks from the date of issue of purchase order.

4.6 LIQUIDATED DAMAGES (LD)

Shall be applicable @ 2% per week subject to a maximum of 10% of the P.O. value

4.7 PERFORMANCE BANK GUARANTEE (PBG)

The bidder is required to submit PBG for an amount equivalent to 10% of the P.O. value valid up to end of Warranty Period.

4.8 WARRANTY

Comprehensive onsite warranty for 5 (five) years for all goods. Services and Spares under warranty will be provided free of cost at sites. After expiry of the warranty period, the supplier shall enter into a fresh Comprehensive Annual Maintenance Contract (AMC) with the purchaser for a period of 2 years for goods subjected to approval form competent authority as per Govt. Procurement norms.

4.9 SERVICE LEVEL AGREEMENT (SLA)

No Equipment should be down for more than 2 Calendar days in a month. Otherwise, penalty of 1% of the total order value per day per equipment is liable to be imposed from the Supplier.

The successful bidder shall be required to sign the Service Level Agreement (**Annexure-II**) with the end user based on the operation requirements.



FORMAT OF PERFORMANCE BANK GUARANTEE (PBG)

To
The Chief Executive Officer
Assam State Disaster Management Authority (ASDMA)
Guwahati

OUR LETTER OF GUARANTEE No. : _____

In consideration of "ASDMA", having its office at the Assam Secretariat Complex, Dispur (INDIA) (hereinafter referred to as "ASDMA") and having entered into an agreement dated _____ / issued Purchase Order No. _____ dated _____ with /on M/s _____ (hereinafter referred to as "The Supplier").

WHEREAS, the Supplier having unequivocally accepted to supply the materials as per terms and conditions given in the Agreement dated _____ / Purchase Order No. _____ dated _____ and ASDMA having agreed that the Supplier shall furnish to ASDMA a Performance Guarantee for the faithful performance of the entire contract, to the extent of 10% (ten percent) of the value of the Purchase Order i.e. for _____

We, _____ ("The Bank") which shall include OUR successors, administrators and executors herewith establish an irrevocable Letter of Guarantee No. _____ in your favour for account of _____ (The Supplier) in cover of performance guarantee in accordance with the terms and conditions of the Agreement/Purchase Order.

Hereby, we undertake to pay upto but not exceeding _____ (say _____ only) upon receipt by us of your first written demand accompanied by your declaration stating that the amount claimed is due by reason of the Supplier having failed to perform the Agreement and despite any contestation on the part of above named supplier.

This Letter of Guarantee will expire on _____ (after the completion of the warranty period) including 30 days of claim period and any claims made hereunder must be received by us on or before expiry date after which date this Letter of Guarantee will become of no effect whatsoever whether returned to us or not.

Authorized Signatory
Manager
Seal of Bank

DETAILED SCOPE OF THE WORK FOR BIDDER:

1. Works To Be Done By The Contractor:

In addition to supply installation testing and commissioning of all the equipment as per the schedule of work and specifications, the following works shall be deemed to be included within the scope of work to be executed by the contractor within his quoted amount.

- I. Tools and tackles, required for handling and installation of the equipment.
- II. Protection required for the equipment form rain dust storm etc., during transportation such as provision of polyethylene cover/ tarpaulin etc.
- III. Necessary equipment for commissioning/ site testing.
- IV. Packing and forwarding and transit insurance by the tenderer/ contractor.
- V. Necessary technical experts pertaining to Video Wall are to be present up to agreement period for successful maintenance.

2. Completeness Of The Tender:

Auto fitting unit assemblies, accessories hardware items termination lugs for electrical connection, cable glands end termination boxes, interface units, splitters and misc. materials or accessories or items of works which are useful and necessary for efficient assembly and installation of the equipment shall be deemed to be included in the bid within the rates quoted unless otherwise specifically indicated in the tender. The bidder has to quote all the equipments and accessories if additionally required beyond the scope of the work of the Tender document in the Technical & financial bid. The bidders should provide complete audio video solutions and commission the systems.

3. Warranty

All equipment supplied and installed shall be covered under comprehensive onsite warranty for five years from the date of successful installation against the defective workmanship and materials faulty design or inferior quality of materials. It shall be repaired and or replaced at site, free of charge by the successful tenderer/bidder on his own cost during the warranty period.

The warranty shall cover, consequential damages to the equipment supplied and installed by the tenderer due to poor workman ship or defective materials. All repairs shall be done promptly within a reasonable period. The warranty period will commence from the date of acceptance of the equipment as fit for service or handing over whichever is later.

4. Insurance and Storage:

All the consignments are to be duly insured up to the site at the cost of the successful tenderer. The insurance cover shall be valid until the equipment is handed over duly installed tested and commissioned.

Signature of the Bidder



5. Opening of Tenders:

Only authorized dealers / suppliers who can supply, install and commission the equipment and other items are eligible for the TENDER. They should produce a certificate from the manufacturer otherwise they will not be considered.

Interested authorized dealers may obtain further information and purchase the tender schedule at this office Address. The Cost of tender document of Rs.1000/- (Rupees one thousand only) & EMD fees of Rs.1,00,000/- (Rupees One Lakh) only, in the form of Demand Draft or banker Cheque in favour of CEO, ASDMA, payable at Guwahati shall be enclosed separately along with tender document to Office of the Chief Executive Officer, ASDMA, Janata Bhawan, Dispur-781006, Assam. This department will not be responsible for either non-receipt or late receipt of the tender schedule sent by post. Tender schedule will be issued till the last date for submission of tender.

Sealed tenders will be opened in the presence of bidder/representative who choose to attend at the office of the Chief Executive Officer, ASDMA, Ancillary Block-I, Janata Bhawan, Dispur- 781006, Assam.

6. Other TERMS AND CONDITIONS

- I. The equipment has to be supplied along with the Connectivity Diagrams (Service Manual/Operation Manual) and the rate quoted by the Tender should be valid up to 180 days.
- II. The successful bidder on receipt of purchase order should deliver the equipment within 45 days at the office of the Chief Executive Officer, ASDMA, Janata Bhawan, Dispur-781006, Assam.
- III. In case of any hike with prices after submission of Tender Schedule THE CHIEF EXECUTIVE OFFICER, ASDMA will not be responsible for the difference of the prices. Only the quoted price in the schedule will be accepted.
- IV. The quoted price shall be Inclusive of all the Taxes and duties etc. No excess amount beyond the quoted amount will be considered.
- V. The Sealed Tender received after the due date and time will be summarily rejected. The Tenderer should sign at the bottom of each page of the Tender form. Schedule / Document will not be transferable.
- VI. The CHIEF EXECUTIVE OFFICER, ASDMA, has all the rights either to accept or reject or cancel the Tender without assigning any reasons.
- VII. The quantity of the equipment may vary (either increase or decrease) according to necessity and limitations of Budget.
- VIII. Penalty: In case of default by the successful Tenderer for any reason THE CHIEF EXECUTIVE OFFICER, ASDMA, at his option has right afford from the penalties that may be deemed fit to recover from the Tender and amount equivalent to that incurred without prejudice to his other rights including the right to cancel the order without pre notice, forfeit the security deposit or recover from damages for breach of contract.
- IX. Jurisdiction: All and any disputes arising out of or touching this Contract /Agreement shall be instituted and decided only by court or tribunal situated in Guwahati.
- X. The successful tender shall deliver the equipment within the stipulated time indicated the order. They will be held responsible for delay in delivery of the equipment. The THE CHIEF EXECUTIVE OFFICER, ASDMA, has sole right either to impose any penalty /reduction in payment or cancel the order.

- XI. Not with standing any of the conditions and clauses indicated the Tender form, THE CHIEF EXECUTIVE OFFICER, ASDMA, has whole and sole right to accept or reject either the Lowest or any other valid Tender and or split up the order for supplying Audio equipment between more than one Tender or to cancel the Tender without assigning reasons there to.
- XII. The Organizer/Bidder is requested to give the needed training to the technical staff.

7. MANAGEMENT OFFICIALS:

Sealed Tenders should contain the Eligibility bid, Technical Bid and financial Bid separately as follows:

- a) Submit the Eligibility bid as per the **Clause no. 1.1 & Annexure-III** (Check list)
- b) The bidder shall be having experience in handling installation, service of audio Systems and at least 1 or 2 similar systems to be supplied in institutions.
- c) In the Audio System, the Amplifiers, speakers and Processor should be of single brand for one manufacturer for having better service and integration of all the equipments.
- d) The OEM should have their own office In India since 5-10 years.
- e) The OEM should have their own service center in India 5 to 10 years. The bidder shall have their own service center/OEM for the Audio Systems in North India/ North East India.
- f) The tendered Equipment shall be considered, Evaluated as one package.
- g) The successful bidder must deployed a dedicated Technical Operator/engineer at SEOC, ASDMA to control the entire system during the Office hours for a period of 5 years. However the period of engagement of Engineer from the successful bidder will defined by ASDMA.
- h) The successful bidder should place one additional 49 INCH DISPLAY in the SEOC, ASDMA for immediate replacement during any fault.

Signature of the Bidder

AI

SPECIAL TERMS & CONDITIONS TO THE SPECIFICATIONS

1. Following certificates relating to the Audio/Video System from manufacturers:
 - a) Technical compliance to the specifications vetted by the Manufacturer on the Manufacturer Letter Head.
 - b) Authorization certificate for providing test reports complying specifications at the time of inspection.
 - c) Authorization letter certifying that the items quoted by the vendor are in production and would be supported for service for at least 6 years (No obsolete products should be quoted).
 - d) Authorization for participating in the tender on manufacturer's behalf should be produced.
 - e) The bidder should have at least a qualified Engineer with CTS Certified to execute the project.
2. The supplier should be reputed internationally acclaimed manufacturer/supplier of Similar Systems with capability to execute such systems of similar and higher capacity. The manufacturer should be having his full-fledged own office in India and in operation for more than 5 years in the Country.
3. The Manufacturer meeting the above criteria can exclusively authorize and support its existing authorized dealers to participate in the bid. The existing dealer should be associated with the manufacturer for at least 1 Years should submit proof of its association with the manufacturer.
4. The Vendor should be a regular supplier and details of previous experience in supplying, Audio/Video System to reputed organization should be indicated with details like Order Value, Name of the contact person, telephone, telex, fax Nos., etc., The Vendor should indicate with full details the list of organizations where its Audio/Video System is supplied in India.
5. The Manufacture should have a full-fledged Service Centre in India with all necessary tool kits and well qualified Engineers and the participating vendor should have service center with in Guwahati and any service call should be responded/rectified/replaced in 48 working hours without failure as per the Service Level Agreement.

Signature of the Bidder.

Ad

CHECK LIST

1. TENDER FEES
2. EMD
3. ISO CERTIFICATE
4. LATEST INCOME TAX CLEARANCE CERTIFICATE.
5. GST TAX REGISTRATION CERTIFICATE
6. FIRM REGISTRATION CERTIFICATE
7. BRAND NAME SPECIFICATION AND FEATURES OF THE EQUIPMENT SHOULD BE INDICATED CLEARLY ALONG WITH THE TECHNICAL BROUCHERS LEAFLET AND COMPLIANCE STATEMENT OF EACH ITEM.
8. AUTHORISATION LETTER BY MANUFACTURER (ANNEXURE-IV)
9. DETAILS OF SERVICE CENTERS IN ASSAM. (ANNEXURE - V)
10. DEVIATION FROM ITEMS SPECIFICATIONS (ANNEXURE-VI)
11. DEVIATION FROM TENDERS AND CONDITIONS (ANNEXURE -VII)
12. WARRANTY (ANNEXURE-VIII)
13. SIGNED BID DOCUMENT
14. PROOF OF IN EXECUTING THE SIMILAR WORKS AT OTHER PLACES.
15. PROFILE OF ORGANIZATION IF THE BIDDER IS NOT THE O.E.M.
16. ALL RELEVANT DOCUMENTS NEED TO BE SUBMITTED BY THE BIDDER TO JUSTIFY THE BIDDER ELIGIBILITY CRITERIA AS SECTION 1 CLAUSE 1.1

TECHNICAL BID:

1. DATASHEET ANNEXURE- X
2. BROUCHERS OF OFFERED EQUIPMENTS ALONG WITH SPECIFICATION OF THE EQUIPMENT
3. DETAILED WORK PLAN TO INTEGRATE THE COMPLETE SYSTEM WHICH ARE OFFERED IN THE TECHNICAL BID.

FINANCIAL BID:

1. COST OF EQUIPMENT AND TAXES AS APPLICABLE SHOULD BE INDICATED CLEARLY AND SEPARATELY IN WORDS AND FIGURES. ANNEXURE-XI

Eligibility bid will be opened first if any firm fails to produce the required documents / information as desired above they will be summarily rejected and no further correspondence is entertained in this matter. Preference will be given to the firm who has knowledge in the integration of the system. Financial bid will be opened among the eligible technical bidders only.



Annexure -IV
To be enclosed with Technical Bid.

AUTHORISATION LETTER TO BE FURNISHED BY THE MANFUCATURER IN CASE THE BID IS BEING MADE BY THEIR AUTHORISED VENDOR.

(This letter of authority should be on the letter head of the Manufacturing concern and should be signed person competent and having the power of attorney to the bind the manufacturers.)

No:

Date:

To
The CEO,
ASDMA
Janata Bhawan
Dispur- 781006,
Guwahati,
Assam.

Dear Sir,

Sub: Tender NO; _____ date: _____

We,established and reputed Manufacturers ofhaving
factories at
..... and office at(name and address of
authorized vendor / agent)to represent us to the tender,
negotiate and conclude the contract on our behalf with you against the tender
No:.....dated:.....cited.

We give undertaking that we will continue to provide spares and service to the CEO, ASDMA for
the entire period years as well as for minimum..... Years
even

If the agent who has been awarded to the tender is changed during the above period.

Yours faithfully,
Firm & On behalf of M/s
Address

Signature of Witness Name

(Name of Manufacturer)



Annexure V

To be enclosed with Technical Bid.

No:

To
The CEO, ASDMA
Janata Bhawan
Dispur- 781006, Guwahati,
Assam.

Dear sir,

We furnish below the details of the service centers with their address located at Guwahati, Assam and other places, We assure the ASDMA, the man power indicated will be exclusive dedicated for the service of materials supplied to the CEO, ASDMA, Govt. of Assam.

DETAILS OF THE SERVICE CENTERS BY MANUFACTURER OR AUTHORISED VENDOR

S. NO	Item Details	DISTRICT	Name of the Address of the service center with telephone number	No of service engineers in station	No. of service engineers who will be dedicated to Disaster Management

Yours faithfully,
Firm & On behalf of M/s.

Signature of the Witness
Name
Address

(Name of Manufacturer)

Annexure – VI

To be enclosed with Technical Bid.

DETAILED STATEMENT OF DEVIATIONS FROM ITEMS SPECIFICATIONS

S. NO	Description of Item	Deviation of the offer	Brief reasons

Date:

Signature of the Bidder.



Annexure – VII

DETAILED STATEMENT OF DEVIATIONS FROM TERNDRER TERMS AND CONDITIONS.

S. NO	Description of item	Deviation of the offer	Brief reasons

Date;

Signature of the Bidder.



Annexure VIII

To be enclosed with Technical Bid.

WARRANTY

We warrant that everything to be supplied and installed by us hereunder shall be brand new, free from encumbrances defects and fault in material, workmanship and manufacturer and shall be of the highest grade and quality and consistent with the established and generally accepted standards of material of the type ordered shall be in full conformity with the specifications, drawings or samples, if any and shall operate properly. This warranty shall survive inspection of and payment for and their successful installation and acceptance at destination (sites) by the purchase.

The obligations under the five years warranty express above shall include all the costs relating to labour spares maintenance (Preventive and in schedules and transport charged from the site to manufacturers works and back and for repair adjustment or replacement at site to any part of the equipment which under normal care and proper use and maintenance proves defective in design material or workmanship or fails to operate effectively or confirm to the specifications and for which notice promptly given by the purchaser to the supplier.

SIGNATURE OF THE WITNESS

SIGNATURE OF THE TENDERED & SEAL

Date: _____

A

BID LETTER

To

The CEO,
ASDMA
Janata Bhawan
Dispur- 781006, Guwahati, Assam.

Ref: Tender _____ date: _____

NO;

Dear sir, _____

1. We are the system manufacturer / vendors/Authorized dealers.
 2. We hereby offer to supply, install, commission and maintain the equipment at price and prices mentioned in the bid.
 3. Period of delivery: we do here by undertake that in the event of acceptance of our bid, the Supply of equipment shall be started at site within days from the date of Award of contract and the delivery will be completed within the time schedule mentioned in the contract bid document.
 4. We agree the complete Bid enclosing with all document / information as required in the tender document.
 5. We agree to abide by our offer for a period of days from date fixed for opening of the tenders and that we shall remain bound by a communication of acceptance within that time.
 6. We have carefully read and understood that the terms and conditions of the tender and we do here by undertake to supply the equipment as per these terms and conditions. The Deviations from the above specifications, terms and conditions only those mentioned in the bid document and Certified that the bidder is :
 - A sole proprietor ship firm and the person signing the tender is the sole proprietor / constituted attorney of the sole proprietor.
 - A partnership firm and the person signing the tender is the partner of the firm and he has to authority to refer to arbitration disputes concerning the business of the partnership by virtue of the partnership agreement / by virtue of General power of attorney.
- OR
- A Company and a person signing the tender is the constituted authority:
7. Note: Delete whatever is not applicable. All corrections / deletions should invariably be duly attested by the person authorized to sign the tender document.

Details of the enclosures

Signature of the Bidder & Seal.

A

Section C

Technical Specification

GENERAL

The work done under the contract shall be carried out in accordance with the schedule of the items of work, the particular specifications drawings forming part of the tender document and the general conditions and other provisions of the tender.

The system shall be designed strictly in accordance with standards, recommendations and code of practice issued by the bureau of Indian standards. In addition the system shall comply with all applicable International, National and local regulations for the design, construction and installation of electrical equipment.

The tenderer shall carry out the design of the system strictly in accordance with functional requirement and the design guidelines lay out below. The requirements call for complete working systems and not components thereof. Tenders must be complete with all required connectors and accessories of the system and all cables and conduits connecting to the control room as required within the quoted cost.

The tenderer must ensure compatibility of all the individuals, components used in the system.

Specifications for 2'0 X 6'0 (12 Panels) (LED VIDEO WALL).

Scope:

The purpose of these specifications is to define the technical requirement for the same.

Statement of compliance:

Only those systems which comply with required specifications will be considered Basic function requirement.

Annexure-X

Datasheet

SL NO	Items Description	Make	Model No.	Specificatio ns	Total quantity	Compliance Yes/No	Remark

Signature of the Bidder.

Price Bid Schedule

ASDMA Tender Ref. No.

Sl. No.	Item	Make	Model	Qty.	Unit Price (in Rs.)	GST (in Rs.)	Total Cost (in Rs.)
1.	49 INCH DISPLAY						
2.	FLOOR STAND						
3.	VIDEO WALL CONTROLLER						
4.	8X8 MATRIX SWITCHER						
5.	HDMI PATCH CABLE 25 METER						
6.	HDMI PATCH CABLE 50 METER						
7.	HDMI PATCH CABLE 15 METER						
8.	DVI-D TO DVI-D 10 METER						
9.	DP TO DP PATCH CABLE 6 METER						
10.	HDMI PATCH CABLE 6 METER						
11.	DSP						
12.	DUAL CAHNNEL AMPLIFIER						
13.	CEILING SPEAKER						
14.	TABLET						
15.	CONTROL SYSTEM						

16.	WIRELESS ACCESS POINT FOR CONTROL SYSTEM							
17.	NETWORK SWITCH							
18.	SPEAKER CABLE							
19.	CONTROL CABLE							
20.	CAT6 CABLE							
21.	STANDARD AV RACK/ EQUIPMENT RACK							
22.	WIRELESS HANDHELD MICROPHONE SET							
23.	WIRELESS LAPEL MICROPHONE							
Installation and Commissioning								
24.	Installation and Commissioning, User Training, Documentation and Manuals and Handover							
25.	Miscellaneous/Others							
26.	Annual Manpower cost for onsite operator.			5 years				
							Total	

(Signature of Bidder)

Note :-

1. Evaluation of Financial Bids will be including taxes.

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Technical specifications and Bill of Quantity (BoQ)

Annexure- XII

Sl. no.	Item	Parameter	Detailed Specification	QTY:
1	49 INCH DISPLAY	Screen Size (Diagonal) / Aspect ratio	124.46 cm / 16:9	12 UNITS
		Panel Type	IPS Panel / D-LED	
		Effective Display Area (W × H)	107.38 cm × 60.40 cm	
		Resolution (H × V)	1920 × 1080 or better	
		Brightness	500 cd/m ² or better	
		Viewing Angle (Horizontal/Vertical)	178° / 178°	
		Response time	8ms (G to G)	
		Panel Surface Treatment	Anti-Glare	
		Input	Should have Minimum HDMI x2 ,1 no of DVI-D, 1 no of DP, LAN, Audio, PC etc.	
		Out put	Should have Minimum HDMI DVI-Dx1, DPx1	
		USB	USB × 1	
		External control :	RS232C or better	
		Earphone	Stereo Mini Jack (M3) ×1	
		Bezel Width (Bezel to Bezel)	1.8 mm minimum	
Orientation	Landscape / Portrait			
2	FLOOR STAND	Type	Customized floor stand to mount the above 6x 2 data wall of 49 inch display with anti-rust metal structure to support load capacity of minimum 350 KG.	1 Unit
3	VIDEO WALL CONTROLLER	Input/ Output	The video wall controller must have at least minimum 4 HDMI input & 4 HDMI output.	1 Unit
		Expandability	The Video wall controller must be expandable in future with a combination of 24 HDMI Input & Output.	
		Motherboard	Industrial motherboard	
		Processor	Intel® Core i5 processor	
		Memory	minimum 16GB of memory	
		Ethernet	Dual 10Base-T/ 100Base-TX/ 1000 BaseT	

RS232	For control
	RAID 1 configured
On-board Graphics	HDMI & DisplayPort for control screen
	4 x USB 2.0 Ports
	4 x USB 2.0 Ports
SSD	1 x 240GB (Upgrade Option: 2 x 480GB SSD)
	RAID 1 configured
USB	4 x USB 3.0 Ports
	4 x USB 2.0 Ports
	4 x USB 2.0 Ports
Operating System	OS as preferred by OEM and should be compatible with other devices.
Backplane Features	Express6
	Six PCIe Gen3 slots x8 offering up to 8GB of bi-directional data transfer
Power	500 Watt ATX
Video Capture card	
Board Format	PCIe x8 plug-in card
Connectors	2 x DSM59 connectors plus adapters
Maximum capture resolution	Channels 1 & 3: 2x3840x2160p @60 fps
	Channels 2 & 4: 2x1920x1080p @60 fps
Dimensions	110mm x 177mm (incl. heat sink)
Frame buffer memory	Minimum 500 MB
Pixel transfer formats	RGB: 5-5-5, 5-6-5 or 8-8-8 (24 bit/32 bit)
	YUV: 4:2:2
	MONO: 8 bit
Update rate	User defined. Captured frame rate will match the source providing max data rate (6.4GB/s) is not exceeded. Multi-buffered to eliminate tearing artefacts.
Video Modes	HDMI 1.4, HDMI 1.3, DVI
Graphics card	
Card Format	16 lane PCI Express
Memory	2GB memory
Maximum Output Resolution	4x 2560 x 1600 at 60 Hz (max359Mpixels/s)
	2x 3840 x 2160 @ 30Hz

4	8X8 MATRIX SWITCHER	Maximum Power Dissipation	15 watts	1 Unit
		Operating Temperature	0 to 35°C / 32 to 96°F	
		Storage Temperature	-20 to 70°C / -4 to 158°F	
		Relative Humidity	5% to 90% non-condensing	
		Inputs	Minimum 8 HDMI, 8 unbalanced stereo audio or better	
		Outputs	Minimum 8 HDMI, 8 balanced stereo audio or better	
		Max DATA rate	8.91Gbps data rate (2.97Gbps per graphics channel) or better	
		Ports	1 USB, 1 RS-232, 1 Ethernet, 1 USB for powering an external device	
		HDMI Support	Deep Color, 3D, ARC, up to 7.1 uncompressed audio channels or better	
		Standards	Should be HDMI, HDCP and DVI Compliant	
		Output Resolutions	Up to 4K@60Hz (4:2:0) or better	
		Control	RS-232 serial commands transmitted by a PC, touch screen system or other serial controller, Ethernet port via LAN, embedded Web pages via LAN for configuration and control or better	
		Power Source	100-240V AC, 50/60Hz, 50VA	
5	HDMI PATCH CABLE 25 METER	Type	High Quality Molded HDIM Patch cable , 25 Meter	3 Unit
		High Data Transfer Rate -	Up to 10.2Gbps	
		Supported Resolutions -	720p/1080i/1080p, ideal for connecting HD devices to HD/full HD plasma/LCD, PSP3, Blu-ray and HD DVD	
		Deep Color -	Supports 24-bit, 30-bit, 36-bit and 48-bit (RGB or YCbCr) color depths	
		Multi-Channel Audio Support -	Supports audio stream for external decoding by AV receivers and automatic audio syncing capabilities	
		High Quality Connectors -	Gold-plated connectors resist corrosion, and offer the best possible connectivity	

6	HDMI PATCH CABLE 50 METER	Type	High Quality Molded HDIM Patch cable , 50 meter	4 UNIT
		High Data Transfer Rate -	Up to 10.2Gbps or better	
		Supported Resolutions -	720p/1080i/1080p, ideal for connecting HD devices to HD/full HD plasma/LCD, PSP3, Blu-ray and HD DVD or better	
		Deep Color -	Supports 24-bit, 30-bit, 36-bit and 48-bit (RGB or YCbCr) color depths or better	
		Multi-Channel Audio Support -	Supports audio stream for external decoding by AV receivers and automatic audio syncing capabilities or better	
		High Quality Connectors -	Gold-plated connectors resist corrosion, and offer the best possible connectivity or better	
7	HDMI PATCH CABLE 15 METER	Type	High Quality Molded HDIM Patch cable , 15 meter	4 UNIT
		High Data Transfer Rate -	Up to 10.2Gbps	
		Supported Resolutions -	720p/1080i/1080p, ideal for connecting HD devices to HD/full HD plasma/LCD, PSP3, Blu-ray and HD DVD	
		Deep Color -	Supports 24-bit, 30-bit, 36-bit and 48-bit (RGB or YCbCr) color depths	
		Multi-Channel Audio Support -	Supports audio stream for external decoding by AV receivers and automatic audio syncing capabilities	
		High Quality Connectors -	Gold-plated connectors resist corrosion, and offer the best possible connectivity	
8	DVI-D TO DVI-D 10 METER	Type	DVI-D male to DVI-D male dual link cable	9 UNIT
		Input	DVI-D male	
		Output	DVI-D male	
		Lenght	6 feet	
		Support	Dual Link	
9	DP TO DP PATCH CABLE 6 METER	Type	Should offer locking connector , support for higher bit rates , deeper color modes , and should support optional 128 Bit encryption , stereoscopic 3D or better	9 UNIT
		Max. Resolution	4K@60Hz (4:4:4) Should support Display Port 1.1 or better	

10	HDMI PATCH CABLE 6 METER	Type	6 meter , Flexible high-speed HDMI cable with Ethernet,High-performance cable with molded HDMI connectors at both ends	4 UNIT
		Supports signals up to	1920x1200 @60Hz and HDMI Ethernet Channel, 12-bit Deep Color, Lip Sync, HDMI Uncompressed Audio Channels, Dolby TrueHD, DTS-HD, CEC	
11	DSP	Front Panel Led Indicators	Per Input: Signal Present, CLIP, 48V (Input only) Other: COM, STAT, ERR, PWR	1 UNIT
		Analog Inputs:	4 electronically balanced on Phoenix Mini Comb icon removable screw connectors	
		Mic/Line Inputs:	Nominal gain 0dB, electronically switchable up to +48dB,in +6dB steps	
		Input Impedance:	3.5k Ω	
		Maximum Input Level:	+20dBu with 0dB input gain,+8dBu with 12dB gain	
		CMRR:	>45dB at 1KHz	
		Input Noise (E.I.N.):	<-128dBu typical with 150 Ω source	
		Phantom Power:	48V nominal, selectable per input	
		A/D Latency:	37/Fs [0.77ms@48k]	
		Analog Outputs:	4 electronically balanced on Phoenix Mini Combicon removable screw connectors	
		Maximum Output Level:	+20dBu	
		Frequency Response:	20Hz-20KHz (+0.5dB/-1dB)	
		THD:	0.005% typical at +4 dBu, 1kHz, 0 dB input gain	
		Dynamic Range:	110dB A-weighted, >107dB unweighted	
		Crosstalk:	<-100dB	
		Output Impedance:	120 Ω	
		D/A Latency:	29/Fs [0.60ms@48k]	
		Control Ports:	12 inputs and 6 outputs	
		Control Input Voltage:	0 to 4.5v	
		Control Input Impedance:	4.7k Ω to +5V (2-wire mode), >1M Ω (3-wire mode)	
Logic Output Voltage:	0 or +5V unloaded			
Logic Output Impedance:	440 Ω			

		Logic Output Current:	10mA source, 60mA sink	
		Watchdog Output:	Phoenix/Combicon connector for failsafe control	
		Opto Output Current	14mA maximum	
		Withstanding Voltage	80V maximum (Off)	
		Series Impedance	220Ω (isolated)	
		Connectors	RJ45 Ethernet connector	
		Maximum Cable Length	100m/300ft on Category 5 cable between device and Ethernet switch	
		Connectors	2 x RJ45 Ethernet connectors	
		Maximum Cable Length	100m/300ft on Category 5e cable between devices	
		Max. Number of Nodes	60	
		Latency	11/Fs [0.23ms@48k]	
		Pass Through Latency	4/Fs [0.08ms@48k]	
		12	DUAL CHANNEL AMPLIFIER	
Number of Output Channels :	2 or better			
Input Sensitivity (8 Ω Load)	1.4VRMS			
Total Harmonic Distortion (THD) :	<0.5% or better			
Signal-to-Noise Ratio :	>100dB or better			
Maximum Input Level	: +22dBu (Norminal)			
Crosstalk :	>70 dB			
Insertion Loss (70V & 100V outputs)	1 dB maximum			
13	CEILING SPEAKER	Freq. Range (-10 dB)	1: 74 Hz - 20 kHz	4 UNIT
		Power Capacity:	60 Watts Continuous Program Power or better	
		Peak Noise	30 Watts Continuous Peak Noise or better or better	
		Nominal Sensitivity:	87 dB SPL @ 1 m (3.3 ft) or better	
		Nominal Coverage Angle:	120° conical coverage	
		Directivity Factor (Q):	7.6	
		Directivity Index (DI):	8.1 dB	
		Rated Maximum SPL:	102 dB @ 1 m (3.3 ft)	
		Transformer Taps :	70V: 25W, 12.5W, 6.3W, 3.2W	
			100V: 25W, 12.5W, 6.3W	

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14	Touch Screen Handheld Control Unit	Type	Handheld type Screen size: 7 to 10 inch (diagonal) with inbuilt chargeable battery along with charger.	1 UNIT
			Shall be able to control wirelessly the display controller.	
		Operating System	Compatible OS with the Controller	
15	CONTROL SYSTEM	Port	32 port controller	1 UNIT
		Control	Scalable & flexible control	
			Bidirectional RS-232 & IR with learning capability	
			Bidirectional port - 8 RS-232 serial or better	
		Inputs	Inputs : 1 built-in IR sensor (for learning) or better	
		Outputs	Outputs : 8 IR out and 8 relays on 2-pin terminal block connectors or better	
		Processor speed :	1GHz or better	
		Memory :	512MB RAM , 4GB Flash or better	
Software	Application Control software compatible with the controller.			
16	WIRELESS ACCESS POINT FOR CONTROL SYSTEM	Type	Advanced Dual-Band N Router	1 UNIT
		Switch Port Speed :	10/100 Mbps (Fast Ethernet) or better	
		Radio Frequency :	2.4 and 5 Ghz or better	
		Security features :	WEP, WPA, WPA2 or better	
		Security key bits :	Up to 128-bit encryption or better	
		Storage File System Support :	FAT, and NTFS, and HFS+ (V3 only) or better	
		Power :	12V, 1A	
		Certifications :	FCC, IC, CE, Wi-Fi (IEEE 802.11a/b/g/n) or better	
		Operating Temp :	0 to 40°C (32 to 104°F) or better	
17	NETWORK SWITCH	POE PORTS	8 no of 10/100/1000BASE-T POE	1 UNIT
		SFP PORTS	2 no of 100/1000 MBPS SFP PORTS	
		Switching Capacity :	20 Gbps	
		Max Forwarding Rate :	14.44 Mpps	
		Power Budget :	65Watt	
		PoE Standard :	IEEE 802.3af and IEEE 802.3at	

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18	SPEAKER CABLE	Multi-Conductor -	High-Conductivity Copper Speaker Cable	100 meter
		Connector type	Twisted Jacketed Connector	
		Design type	14 AWG stranded (42x30) tinned copper conductors	
			PVC insulation PVC jacket.	
		NEC/(UL) Specification:	CL3 or better	
		AWM Specification :	UL Style 2587 (600 V 90°C) or better	
		CSA Specification :	FAS90 or better	
		Standards	EU Directive 2011/65/EU (ROHS II) compliant or better EU RoHS Compliance or better	
		19	CONTROL CABLE	Type
Conductor type	High-conductivity tinned copper conductors or better			
Material type	Polypropylene insulation or better			
	Should have PVC jacket			
Standards	EU Directive 2011/65/EU (ROHS II) compliant or better			
Plenum	Non Plenum			
20	CAT6 CABLE	Type	4 Pairs Shielded Twisted Pair screened with tinned copper braiding (S/FTP) Cable	50 meter
		Conductor Metal:	23 AWG Solid Bare Copper or better	
		Shield Individual Pair:	Aluminum/Polyester Foil or better	
		Screened:	Tinned Copper Braiding or better	
		Color Code:	Grey or better	
		Jacket Material:	PVC or better	
		Cable Diameter :	8.0mm Nominal or better	
		Compliant standards	Verified compliant with TIA/EIA-568C.2 standards by ETL or better CUL listed or better RoHs compliant or better	
			Supports Gigabit Ethernet	

21	EQUIPMENT RACK	Type	17U height	1 UNIT
		Design	Multi Hollow Extruded Aluminum Frames Structure across the X, Y & Z axis to give an Uninstructed bolting mechanism (UL) and Further reinforced with 8 Nos. of corner bracket which ensure better stability and strength	
			Configured to hold 19-inch equipment with the help of two pairs of mounting angle provided with square slots to accommodate M6 Cage nuts at universal pitch Pattern as per DIN 41494	
			Top cover ventilated on all sides along the width and depth thereby enhancing exhaust of hot air	
		Cable management	Cable entry provision is both at the top and bottom covers with 35mm round cable entry point, the cable entry provision comprising of a gland plate with cable entry points in round cut outs edge protected with rubber grommets	
		Tray	Monitor Tray – Ventilation – Tray Specially designed with multiple bend and additional stiffeners for better load carrying capacity	
		Metal Steel Ventilation Panel	Blank Ventilation Panels to help to fill the open space in the rack along with ventilation to facilitate air circulations	
		Castor	4 Nos. of heavy duty castors to take care of heavy load bearing capacities are provided, 2 Nos. in the front with Break & 2 Nos. on the rear without break.	
		Mounting	Rack mount channels with Hardware sets	
		Earthing Strip	Copper strip to take care of the grounding	

		Colour Finishing	RAL - 7035 & RAL - 7037 Fine Texture with 60 – 80 microns, for better finish and aesthetic look	
22	Wireless Handheld Microphone Set	Receiver:		2 Unit
		Tuning Range	Up to 30 Mhz or Better	
		Diversity System	Antenna switching or better	
		RF Output	20 mW or Better	
		Audio Bandwidth	40 – 20 000 Hz (+/- 3dB) or better	
		Frequency Selection	Fixed frequency	
			8 compatible channels within one frequency band or better	
		Modulation	FM or better	
		Working Range	30m or better	
		Transmitter:		
		Audio Frequency bandwidth	70 to 20,000 Hz or better	
		Signal to Noise	105 dB-A dB-A or better	
		THD at 1 kHz	0.8% or better	
			Cardiod polar pattern or better Should have noiseless ON/Off Mute Switch Should have Gain Control on transmitter for immediate volume control	
23	Lavalier Microphone	RF Output : 20 mW or Better Audio Bandwidth : 40 – 20 000 Hz (+/- 3dB) Frequency Selection : Fixed frequency 8 compatible channels within one frequency band or better Modulation : FM Working Range : 30m or better Bodypack Transmitter : Audio Frequency bandwidth : 40 to 20,000 Hz or better Signal to Noise : 105 dB-A dB-A or better THD at 1 kHz : 0.8% or better Audio Input : Mini XLR , Female Maximum audio level 12dB dB or better Rated Impedance 1 Ohms or better Should have noiseless ON/Off Mute Switch Should have Gain Control on transmitter for immediate volume control Lavalier Microphone : Audio Frequency bandwidth : 20 to 20000 Hz or better Sensitivity: 7 mV/Pa or better Equivalent Noise Level : 34 dB-A or better Signal to Noise : 60 dB-A or better Electrical Impedance : 200 Ohms or better Polar Pattern : Cardioid or Better		1 Unit

Evaluation Matrix

Annexure-XIII

Sl. No.	Bid Components (documents related to below mentioned criteria should be duly certified by the bidder and submit the same along with their technical bid document)	Weightage in Technical Score	Minimum Qualification Score	
1	Experience of the Firm	15 marks	10 marks	
	Proven experience for delivery of Video Wall integration etc. and installation, integration & maintenance of the same in Govt./PSUs/autonomous bodies/Authority/Private Organization for at least one projects of value not less Rs 30 Lakhs during last 5 years			
	1 Order.			5marks
	2 Order			10marks
	3 or above order	15 marks		
2	Qualification of Technical Experts/ Service Centre	35 marks	15 marks	
	I. Service Centre of the Bidder/OEM (provide the list of service Centres item wise/service team in Assam). The bidder should have service centre in Guwahati City.			10 Marks
	II. B.E./B.Tech. Engineer/B. Sc. Graduate/MCA. 2-5 Nos. (CV needs to be certified by the Bidder)			10 marks
	III. B.E./B.Tech. Engineer/B. Sc. Graduate/MCA. 6-10 Nos. (CV needs to be certified by the Bidder)			15 marks
	iv. Experience of at least One CTS Certified Engineer on installation, integration & maintenance of Video Wall integration etc. (relevant experience certificate of the engineers needs to be enclosed in the bid). Please certify the exp. Certificate by the bidder. 1. 5-7 years of experience 2. Above 7 years of experience	5 marks 10 marks		
3	Technical Specification Comparison between Technical Specification and offered Specification	50 marks	--	
Total		100 marks	-----	