

**GOVERNMENT OF MEGHALAYA
IT DEPARTMENT**

**TENDER DOCUMENT FOR PROCUREMENT OF
TABLET PCs, LCD PROJECTORS AND PROJECTION
SCREENS**

(Tender No: ITR.45/2012/Pt/3 Dt.20.10.2012)

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INDEX

| S.No. | Title | Page No. |
|--------------|--|-----------------|
| 1 | INVITATION FOR BIDS | 03 - 04 |
| 2. | INSTRUCTIONS TO BIDDERS | 05 - 23 |
| 3. | GENERAL CONDITIONS OF THE TENDER & CONTRACT | 24 – 32 |
| 4. | MAINTENANCE CONDITIONS | 33 - 36 |
| 5. | PROFORMAS AND SCHEDULES | 37 - 47 |
| 6. | ANNEXURE | 48 - 52 |

SECTION-I

INVITATION FOR BIDS

Sealed Bids are invited from Original Equipment Manufacturers (O.E.Ms.), Authorised Dealers/Country Channel Partners in India (in case of imported equipments), for procurement of 400 (+/- 10%), Tablet PCs with pre loaded educational content (class XI & XII), LCD Projectors and Projection Screens each, having technical specification as per **Annexure I**. These are intended to be provided to all Secondary and Higher Secondary schools under the Digital Learning Aid by the State Government.

GIST OF IMPORTANT GENERAL CONDITIONS

- 1) Unless otherwise specified for a part of the order, the entire supply and distribution would be completed within 4 weeks from the date of placing the supply order.
- 2) Any prospective bidder can procure the Tender Document from the **“IT DEPARTMENT, GROUND FLOOR NIC BUILDING, SECRETARIAT HILLS, SHILLONG-1”**. Tender can also be downloaded from website <http://www.ditmeghalaya.gov.in> The tender document will be available on all working days up to 4th Nov 2012 for a fee of Rs 2000/- (by demand draft) in favour of **“Meghalaya Information Technology Society”**. If the tender Document is downloaded from the website, the tender fee will have to be deposited along with the bid as a separate bank draft. IT Dept shall not be responsible for any kind of postal delay in receiving the tender document.
- 3) **SCHEDULE OF THE TENDER PROCESS:**
 - The bids (all 3 portions) must be delivered in the IT Department, Ground Floor NIC Building, Secretariat Hills, Shillong -1, Meghalaya, **latest by 3.00 PM on 05 Nov2012**
 - **Pre-Bid Meeting will be held on 29th Oct 2012 at 3.00 pm in IT Dept Conference Room. Prospective bidders are requested to send their queries by 26th Oct 2012 by 3.00pm by email.**

- Eligibility Claims shall be opened at **3.30 PM on 05 Nov 12** at IT Dept Conference hall in the presence of bidders, who may choose to attend.
 - Thereafter, Technical Bids of Eligible Bidders shall be opened on the same day.
 - Date & time for opening of Commercial Bids of technically qualified bidders will be intimated separately.
- 4) Notwithstanding anything else contained to the contrary in this Tender Document, the Commissioner & Secretary, IT Department, reserves the right to cancel/withdraw/ modify fully or partially the 'Invitation for Bids' or to reject one or more of the bids without assigning any reason and shall bear no liability whatsoever consequent upon such a decision.

SECTION - 2

INSTRUCTIONS

TO

BIDDERS

SECTION - 2

INSTRUCTIONS TO BIDDERS

A- INTRODUCTION

2.1. Eligible Bidders

- (i) A Bidder should be manufacturer or authorised dealers or importer or large scale system integrator of the required items. **It will, however, be preferred that the Original Equipment Manufacturer (O.E.M.) quote directly.**
- (ii) **A Bidder must have supplied similar type (Servers/Desktops /Laptops/ Tablet PC/LCD Projectors/ICT equipments) of adequate number of equipments worth Rs. 10 Crores per annum during the last two years.** If the bidder happens to be a System Integrator (SI), he should have a National Presence besides meeting the turnover criteria and having a sustained relationship with the O.E.M. in the past. The Bidder (or his OEM) must be able to establish his capability to execute this order by showing satisfactory/ timely delivery, where similar numbers of devices are involved.
- (iii) The annual turnover of the OEMs whose items are sought to be supplied should be **minimum Rupees 50 Crores per annum** for the last 3 years.
- (iv) The Bidder can choose to have a separate Authorised Service Provider (ASP). There is no turnover criterion for the ASP but it should provide the first level of OEM's support which is fully backed up by the O.E.M. by means of a written understanding regarding maintenance. However, the Purchaser shall have the final discretion in this regard and can even ask for a trilateral agreement with the Bidder and the OEM in such cases to ensure timely maintenance.
- (v) The Bidder should already have reasonable support base in this region. The Purchaser's discretion regarding reasonableness of support base shall be final. It is clarified that this clause pertains to only the existing level of support. The actual support required to implement this arrangement has been described in the relevant section.
- (vi) It is reiterated that Purchaser's decision regarding Bidder's eligibility will be final and binding on all the Bidders.

2.3 Cost of Bidding:

- 2.3.1 The Bidder shall bear all costs associated with the preparation and submission of bid **and IT Department, Government of Meghalaya (hereinafter referred to as the 'Purchaser')** will in no case be responsible or liable for these costs, whether or not the Bid is finally accepted.

B- TENDER DOCUMENTS

2.4 Contents of Tender Document:

2.4.1 This Tender Document comprises of the following Parts/ Sections.

Section-1 : Invitation for Bids

Section-2 : Instructions to Bidders

Section-3 : Conditions of Tender & Contract

Section-4 : Technical Specifications and Maintenance Conditions

Section-5 : Schedules, Forms and Annexure.

2.4.2 The Bidder is expected to examine the Tender Document carefully. Failure to furnish complete information required as per the Tender Document may result in the rejection of the Bid.

2.5 Clarification regarding Tender Document:

2.5.1 A prospective Bidder requiring any clarification about the Tender Document may request the Purchaser in writing by E-Mail at the Purchaser's email address indicated in the Invitation for Bids before 26th Oct 2012. **The Purchaser will respond in writing, only after the pre-bid meeting on 29th Oct 2012.** All such clarifications will be put on purchaser's website and shall be binding on all the Bidders.

2.6 Amendment of Bids:

2.6.1 Bids once submitted cannot be amended. However, in some circumstances (such as major anomaly in the technical specifications having a major impact on pricing), the Purchaser may decide to take fresh bids from all the Bidders before actually opening of the Commercial Bids.

2.6.2 In order to afford prospective Bidders reasonable time to make amendment in their bids, the Purchaser may, at his discretion, extend the deadline for the submission of bids. However, no such request in this regard shall be binding on the Purchaser.

C - PREPARATION OF BIDS

2.7 Language of Bid & Correspondence:

2.7.1 The Bid will be prepared by the Bidder in English language only. All the documents relating to the Bid (including brochures) supplied by the Bidder should also be in English and the correspondence between the Bidder & Purchaser will be in English Language only. The correspondence by Fax / E-mail must be subsequently confirmed by a duly signed copy.

2.8 Documents comprising of Bid:

The Bidder will prepare the bid in three parts.

I. ELIGIBILITY CLAIM:

In support of his eligibility, a Bidder must submit the following documents:

- (i) Detailed profile of the Company/ Firm.
- (ii) If the Bidder is not the O.E.M. and/or the ASP is different from the O.E.M., he will be required to enclose an undertaking (**Performa 'A'**) from the O.E.M. An authorised signatory of the O.E.M. as per its internal regulations should sign this undertaking. Such an authorisation may be seen during scrutiny of bids.
- (iii) Audited Statement regarding sale of ICT Equipments/Mobile phones/Tablet PC/Touch pad for last three years.
- (iv) Receipt of Rs.2000/- towards the cost of the tender document.
- (v) Declaration in **Performa 'D'** by an authorised signatory to the effect that all conditions contained in the Tender Document are acceptable to the Bidder.
- (vi) Declaration in **Form 'E'** that the Bidder has not been debarred/ blacklisted by any reputed Government/ Semi-Government organisation for quality of services/product and that there is no major complaint against the quality of service/ products by any organisation mentioned in this clause.

II. TECHNICAL BID:

This part of the Bid comprise of the following documents:-

- (i) Financial data of the last three years in the format given in **Performa 'B'**. Audited Balance Sheets, Profit & Loss Accounts and Income Tax Clearance Certificate

also need to be enclosed.

- (ii) Number and value of LCD Projectors/Tablet PC/Touch Pad etc. supplied during the last three years in the Performa given in **Performa 'C'**.
- (iii) Certificates regarding satisfactory installation and after sales support from some prominent customers described in **Performa 'C'**.
- (iv) Documentary proof for establishing the capability of the Bidder (or his OEM) to execute this order by showing satisfactory/ timely supply and after sale support installation for these supplied equipments, where similar numbers of LCD Projectors/Tablet PCs/Touch Pad are involved in a single order.
- (v) Fact Sheets for the products quoted by the Bidder.
- (vi) Product catalogues revised up to date. If some product up gradation has taken place since the printing of the brochures, latest authenticated releases/ bulletins must be enclosed.
- (vii) Competitive advantages in terms of features.
- (viii) Quality and Standard Certifications obtained by OEM and the product being offered.
- (ix) Certificate of quality or approval for the Education materials proposed by the bidder as pre-loaded in the tablet to be supplied
- (x) Bid Security as per Para 2.10 below.
- (xi) A statement regarding support base in the region.

III. COMMERCIAL BID:

The Commercial Bid shall consist of:

- (i) Price Bid in **Schedule I**.

Note : 1. In case there is any discount for purchases for Educational purposes, that may be clearly indicated in the offer.

- 2.** Detailed guidelines for filling in the Commercial Bid have been given in Schedule -I read in conjunction with relevant paras of this Document.

2.9 Bid Currencies:

2.9.1 Prices shall be quoted in Indian Rupees.

2.9.2 The contract price shall be paid in Indian Rupees.

2.10 Bid Security (EMD) :

2.10.1 **The Bidder shall furnish Bid security or EMD, as part of his bid as mentioned hereunder. Any bid, submitted without bid security or with the lesser amount, as indicated below may be rejected being non-responsive.**

| Sr. No. | Equipment types | Bid security (EMD) amount in rupees. |
|---------|--|--------------------------------------|
| 1. | Tablet PCs and LCD Projection Systems | Rs. 10,00,000/- |

2.10.2 The Bid Security is required to protect the Purchaser against the risk of Bidder's conduct which may require forfeiture of security pursuant to Para 2.10.8.

2.10.3. The Bid Security shall be in the form of bank draft or Bank Guarantee from any Nationalised or Scheduled bank, in favour of **“Meghalaya Information Technology Society”** payable at Shillong.

2.10.4 Any Bid not secured in accordance with EMD will be rejected by the Purchaser.

2.10.5 Unsuccessful Bidders' Bid Security will be refunded as promptly as possible.

2.10.6 The successful Bidder's bid-security will be discharged upon the Bidders executing the contract and furnishing the performance security in accordance with Para 3.5.1(a).

2.10.7 No interest will be payable by the Purchaser on the above mentioned Bid Security.

2.10.8 The Bid Security may be forfeited:

1. If a bidder withdraws its bid during the period of bid validity specified by the Bidder and required by the Purchaser.
2. During the tendering process, if a Bidder indulges in any such activity as would jeopardise the tender process. The decision of the Purchaser regarding forfeiture of the Bid Security shall be final & shall not be called upon questioning under any circumstances.
3. In the case of a successful Bidder, if the Bidder fails,
 - (i) to sign the contract, and
 - (ii) to furnish Performance Security.
 - (iii) Violates any of the important conditions of this tender document or indulges in any such activity as would jeopardise the interest of the Purchaser. The decision of the Purchaser regarding forfeiture of the Bid Security shall be final & shall not be called upon question under any circumstances.

2.11 Period of validity of Bids:

2.11.1 For the purpose of placing the order, the Bids shall **remain valid for at least 180 days after the date of bid opening**. A bid valid for a shorter period may be rejected by the Purchaser as being non-responsive. During the period of validity of Bids, the rates quoted shall not change. However, in case of general fall in prices of a product in the IT/Electronics Industry before despatch of Tablet PCs, such a reduction shall be passed on to the Purchaser after mutual negotiations.

2.11.2 In exceptional circumstances, the Purchaser may ask for extension of the period of validity and such a request shall be binding on the Bidder. The Purchaser's request and the response to such a request by various Bidders shall be in writing. A Bidder agreeing to such an extension will not be permitted to increase its rates.

2.12 Format and Signing of Bid:

2.12.1 The Bidder shall prepare 3 copies of the Bid, clearly marking "**Original Bid**" on one copy and "**Copy of Bid**" on the remaining 2 copies. In the event of any discrepancy among various copies, the Original Bid shall prevail. Bids shall be

packed and sealed as per procedure given in Para 2.13 below.

2.12.2 The original and all copies of the Bid shall be neatly typed and signed, by an authorised signatory(ies) on behalf of the Bidder. **The authorization shall be provided by written Power of Attorney accompanying the Bid.** All pages of the Bid, except for un-amended printed literature, shall be initialled by the person or persons signing the Bid.

2.12.3 The Bid shall contain no interlineations, erasures or overwriting, in order to correct error made by the Bidder. All corrections shall be done & initialled by the authorised signatory after striking out the original words / figures completely.

D-SUBMISSION OF BIDS

2.13 Sealing and Marking of Bids:

2.13.1 The Bidder shall seal & mark various parts of the Bid as follows:

- (a) **Eligibility Claim** as per Para 2.8 (I) in three copies (one original + 2 copies) in four different envelopes. All four envelopes shall be sealed in a covering envelope super scribed with words "Eligibility Claim for Tablet PCs/LCD Projection Systems" "**DO NOT OPEN BEFORE 3.30pm on 05th Nov 2012**".
- (b) **Technical Bid** as per Para 2.8 (II) in three copies (one original + 2 copies) in four different envelopes. All four envelopes shall be sealed in a covering envelope super scribed with words "Eligibility Claim for Tablet PCs/LCD Projection Systems" "**DO NOT OPEN BEFORE 3.30pm on 05th Nov 2012**".
- (c) **Bid Security** as per Para 2.8 (II) (x) in one envelope. Three copies (one original + 2 copies) of the forwarding letter of the Bid Security should be kept in this envelope. This envelope should be super-scribed with words "Bid Security Tablet PC/TouchPad" "**DO NOT OPEN BEFORE 3.30pm on 05th Nov 2012**".
- (d) **Commercial Bid** as per para 2.8 (iii) in four copies (one original + 3 copies) in four different envelopes. All these envelopes shall be sealed in a covering envelope super scribed with words " Commercial Bid for Tablet PC/TouchPad," "**DO NOT OPEN on 05th Nov 12**".

2.13.2 Every envelop and forwarding letter of various parts of the Bid shall be addressed as follows:

**COMMISSIONER & SECRETARY,
IT DEPARMENT, GROUND FLOOR NIC BUILDING,
SECRETARIAT HILLS, SHILLONG-1, MEGHALAYA.**

2.13.3 If the envelopes are not sealed and marked as required above the Purchaser will assume no responsibility for the Bid's misplacement or premature opening.

2.13.4 Bids sent through Telex /Telegrams/ Fax/ Email shall not be acceptable.

2.13.5 The envelope shall be sealed by signing across all joints & pasting good quality adhesive tape on top of such joints & signatures.

2.13.6 A Bidder who packs his Bid in a manner other than what has been described in

para 2.13.1. above may face rejection of the Bid.

2.14. Deadline for Submission of Bids:

2.14.1 Bids will be received by the Purchaser at the specified address not later than 3.00 PM on 05 Nov 2012.

2.14.2 The Purchaser may, at its discretion, extend this deadline as per Para 2.6.2. The Purchaser may also extend this deadline for any other administrative reason.

2.14.3 **Bids should not be submitted before 31 Oct 2012**, so that clarifications, if any, given by the Purchaser can be taken in account in the offer submitted by the Bidder.

2.15. Late Bids:

2.15.1 Any bid received by the Purchaser after the deadline for submission of bids prescribed by the Purchaser, as per clause 2.14.1 or 2.14.2 will be rejected.

2.16 Modification and withdrawal of Bids:

2.16.1 Modifications of Bids may be allowed by the Purchaser under circumstances mentioned in Para 2.6.1. This option will be available to every Bidder who has submitted his Bid.

2.16.2 Bids cannot be withdrawn in the interval after its submission of bids and before the expiry of Bid's validity specified by the Purchaser. Withdrawal of Bid during this interval may result in the forfeiture of Bidder's Bid security pursuant to clause 2.10.8.

E-BID OPENING AND EVALUATION

2.17. Opening of bids by Purchaser:

- 2.17.1 The Bids shall be opened at **3.30 PM on 05 Nov12** in IT Department Building Conference Room in the presence of representatives of the Bidders who may choose to attend the proceedings. The representatives of Bidders will sign a register in evidence of their presence.
- 2.17.2 In order to assist in the examination, evaluation and comparison of Bids, the Purchaser may at its discretion ask the Bidder for a clarification regarding its Bid. The clarification shall be given in writing, but no change in the price or substance of the Bid shall be sought, offered or permitted.
- 2.17.3 In the first instance, envelopes super scribed with the words '**Eligibility Claim**' only will be opened, and eligibility of each Bidder will be ascertained. Technical Bids of only those Bidders shall be opened who are found to be eligible as per the criteria laid down in para 2.2.1/ 2.8 (I). In doubtful cases (where further documents or clarification are required to establish eligibility), the Purchaser in its discretion, may decide to open Technical Bid. However, such Bids can be rejected subsequently, if it is found that the Bidder has claimed eligibility on false grounds.
- 2.17.4 The envelopes containing Technical Bids of only the Eligible Bidders will be opened.

2.17.5. Scrutiny of Technical Bid:

The Technical Evaluation Committee will evaluate the Technical Bid based on documents submitted and based on the criteria given below. The "**Fact Sheets**" submitted by the Bidders shall be compared against the Product Catalogue and authenticated circulars regarding latest changes in the specifications. It will thus be ascertained whether the product offered by the Bidder matches with the minimum requirement of the Purchaser as given in the Technical Specifications in this Tender Document. The purchaser may ask for producing quoted equipment for physical inspection, so as to ascertain the veracity of the Bidder's claim about

specifications. The Purchaser can also run standard bench-marking tests (if required), at this stage only.

Educational Content Evaluation The proposed preloaded education content and application known as MeghTube, will be offered separately in the form of a DVD/CD or preloaded in the proposed Tablets for evaluation and approval from the state level special committee.

The commercial Bids of only those bidders will be opened who score 60 and above on Technical Criteria.

Technical Evaluation Criteria

| Sl. No. | Category | Description | Maximum Marks | Criteria |
|----------------|--------------------------|---|----------------------|---|
| 1 | Technical Specifications | All technical specifications mentioned in Fact Sheet | 5 | All technical specifications as mentioned in the RFP should be met. All bidders meeting the minimum technical specs will be awarded direct 05 points. |
| 2 | Financial Competence | Financial data of the last three years in the format given in Performa 'B' . Audited Balance Sheets, Profit & Loss Accounts and Income Tax Clearance Certificate also need to be enclosed. | 15 | Net Profit positive for last 3 financial years |
| 3 | Sales Turnover | Number and value of LCD Projectors/Tablet PC/Touch Pad etc. supplied during the last two years in the Performa given in Performa 'C' | 20 | Sales Turnover must be minimum Rs 50 Crores for last three years |
| 4 | Past Experience | Certificates regarding satisfactory installation and after sales support from some prominent customers described in Performa 'C' . | 10 | No of Satisfactory Installations and sales support. |

| Sl. No. | Category | Description | Maximum Marks | Criteria |
|---------|---|--|---------------|---|
| 5 | Manufacturer Certifications | <p>Quality and Standard Certifications obtained by OEM and the product being offered like:</p> <ul style="list-style-type: none"> ▪ ISO 9001 ▪ BIS ISI ▪ CE ▪ CCC ▪ FCC ▪ RoHS etc. | 10 | Two marks for each quality and standard certificates submitted. Max marks are 10 for this. |
| 6 | Educational Software Developer Certifications | <p>Quality and Standard Certifications obtained by the developer for the Organisation like:</p> <ul style="list-style-type: none"> ▪ ISO 9001:2000 ▪ CMM ▪ Six Sigma ▪ SCP ▪ CERT ▪ NASSCOM etc. <p>Maximum of 5 such certificates may be submitted.</p> | 5 | One mark for each quality and standard certificates submitted. |
| 7 | Extended Warranty | Additional warranty proposed by bidder | 6 | If any bidder provides more than one year free extended warranty, 2 marks per year will be provided for each additional year. |

| Sl. No. | Category | Description | Maximum Marks | Criteria |
|--------------|--------------|--|---------------|---|
| 8 | Product Demo | Detailed product demonstration to tender evaluation committee, highlighting the pre-loaded multimedia educational softwares and applications usefulness. | 29 | <p>Marks will be allotted to the bidders on their product demo presented to the tender evaluation committee. Breakup of the maximum marks for the presentation is as mentioned below:</p> <ul style="list-style-type: none"> ▪ Product (Tablet) Features – 6 Marks ▪ e-learning/ educational pre-loaded package features – 16 marks ▪ Project Plan and Supplying Plan – 2 Marks ▪ Service and Maintenance Support – 3 Marks ▪ Interaction – 2 Mark |
| Total | | | | 100 |

Qualifying Marks for Technical Bids: 60 /100.

2.17.6. **Opening of Bid Security:**

After various aspects [other than point no. 2.8 (II) (ix) i.e. bid security] are checked and the Bidder is found eligible on the basis of techno-financial parameters, the envelope containing Bid Security shall be opened.

2.17.7. **Opening of Commercial Bids:**

The Commercial Bids of only those Bidders will be opened who are technically qualified and score 60 marks and above on the technical Evaluation above.

2.18. Evaluation and Comparison of Commercial Bids:

2.18.1 The comparison of Commercial Bids shall be done as follows:

2.18.2 **Bid Comparison:**

After evaluating the Technical Proposals, purchaser would notify the bidders whose bids were considered acceptable indicating the date, time and venue for opening of commercial Bids. All bidders are required to submit their Commercial Bid as per Schedule I.

2.18.3. **The lowest Commercial Bid (L1) will be declared as the successful bidder.**

Note 1 :

The Bidders shall not quote prices subject to certain conditions. Bids containing any conditional prices may be rejected or the Purchaser may take a final decision in its discretion about such conditionality's.

Note 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 the total shall be corrected. If the Bidder does not accept the corrections of errors, its bid will be rejected. If there is discrepancy between words and figures, the amount in words will prevail.

2.20. NEGOTIATIONS:

2.20.1 The Purchaser may finalise the Tender & award the Contract without any negotiations, if it is satisfied with reasonableness & workability of the lowest offers. **Therefore, the Bidders are advised to quote lowest possible rates in the**

first instance only.

- 2.20.2 If the Purchaser does not find the lowest offer acceptable, it may go in for negotiations, which will be done with the lowest bidder only.
- 2.20.3 Post negotiations a revised offer will be taken from the representative of the Bidder. This revised offer will replace/supersede the earlier Commercial Bid. **Therefore, the Bidders are advised to send sufficiently senior representatives (who can take spot decisions) for negotiations.**
- 2.20.4 During the negotiations on prices & other related terms/conditions, prevalent worldwide street-prices of such product, prices finalised in bids of similar size etc. will be kept in mind. The scope of negotiations may also include precise *modus-operandi* of after-sales service, mode of delivery, system integration etc.
- 2.20.5 After final negotiations, award of contract will be made to the Bidder.

F - AWARD OF CONTRACT

2.21 Post Qualification:

2.21.1 **If for any reasons the L1 bidder fails to sign the contract in the stipulated period then in such an event, the next lowest bidder (L-2) shall be considered and asked to match prices of L1 bidder.**

2.22 Purchaser's right to vary Quantities:

2.22.1 The Purchaser reserves the right to increase or decrease quantities. Such a variation will normally not be more than (+/-) 10%. The quantities can be altered without any change in the unit price or other terms and conditions. The Purchaser may even vary the breakup of overall quantities of an item in view of techno-commercial reasons. The variation in the quantity of award shall be notified at the time of placing the order.

2.23 Purchaser's Right to Accept any Bid and to Reject any or all Bids:

2.23.1 Notwithstanding anything else contained to contrary in this Tender Document, The Purchaser reserves the right to accept or reject any Bid or to annul the bidding process fully or partially or modifying the same and to reject all Bids at any time prior to the award of Contract, without incurring any liabilities in this regard.

2.24 Notification of Award:

2.24.1 Prior to the expiry of the period of Bid validity, the Purchaser will notify the successful Bidder in writing by speed post or Fax or email that his Bid has been accepted.

2.24.2 Upon the successful Bidders' furnishing of performance security, the purchaser will promptly notify each unsuccessful Bidder and will refund their Bid Security.

2.26 Signing of Contract:

2.26.1 After the Purchaser notifies the successful Bidder(s) that his 'Bid' has been accepted, the Purchaser will sign an agreement (described as Contract herein after with the successful Bidder on mutually agreed terms for efficacious implementation of the order.

2.26.2 The Purchaser's liability of taking the Tablet PCs and LCD Projection Systems from the selected supplier(s) shall commence only from date of signing of the Contract.

SECTION 3

GENERAL CONDITIONS

OF

TENDER & CONTRACT

SECTION-3

GENERAL CONDITIONS OF THE TENDER & CONTRACT

3.1 Definitions:

3.1.1 In this part, the following interpretation of terms shall be taken :

- (a) "The Contract" means an agreement regarding supply of the Tablet PCs, LCD Projection Systems & provision of services entered into between the IT Department and the Supplier, as recorded in the Contract Form signed by the parties, including all appendices thereto and all documents incorporated by reference therein.
- (b) "The Contract Price" means the price payable to the Supplier under the Contract for the full and proper performance of its contractual obligations.
- (c) "The Tablet PCs and LCD Projection System" means all the equipment and/or other material, which the Supplier is required to supply to the Purchaser under the Contract.
- (d) "Services" mean services ancillary to the supply of the Tablet PCs and LCD Projection System, such as transportation and insurance, and any other incidental services, such as installation, commissioning, training, maintenance and other such obligations of the Supplier covered under the Contract.
- (e) "The Purchaser" means the IT Department, Government of Meghalaya" or any other line department notified by it.
- (f) "The Supplier", means short listed Bidder supplying the Tablet PCs, LCD Projection Systems and services under this Contract.

3.2. Application:

3.2.1 These General Conditions shall apply to the extent that these are not superseded specific by provisions in other parts of this tender document. A detailed Contract agreement shall be signed after the order is placed. Detailed provisions of such a contract-agreement shall have an over-riding effect vis-a-vis this Tender Document.

3.3 Standards:

3.3.1 The Tablet PCs and LCD Projection Systems supplied under this Contract shall conform to the standards mentioned in the Technical Specifications and the latest improvements incorporated after the finalisation of contract, but before the dispatch.

3.4 Patent Rights of the Tablet PCs and LCD Projection Systems:

3.4.1 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 Tablet PCs, LCD Projection Systems or any part thereof in India.

3.5 Performance Security:

3.5.1 Performance Security for delivery/ installation and maintenance during warranty period.

3.5.2 Within 7 days of 'Notification of Award of the Contract', the Supplier shall furnish Performance Security to the Purchaser @ 10% of the order value valid for two years from the date of final acceptance of all Tablet PCs, LCD Projection Systems and services by the purchaser to safeguard the purchaser against timely delivery of ordered equipments.

3.5.3 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 his obligations under the Contract. The Purchaser may claim such compensation in addition to initiating any other legal proceedings.

3.5.4 The Performance Security shall be given in one of the following forms:

An irrevocable and unconditional Bank Guarantee in favour of the Purchaser issued by a Nationalised/schedule bank in a format given by the Purchaser. This

Bank Guarantee should be of a sufficient duration to cover the risk of the Purchaser.

3.6 Inspections and Tests:

- 3.6.1 The Purchaser or its representative shall have the right (if it so desires) to test the Tablet PCs and LCD Projection Systems to ascertain their conformity to the specifications. The Purchaser shall notify to the Supplier in writing of the identity of the representatives deputed for this purpose & nature of tests that may be conducted (if found necessary) for bench-marking.
- 3.6.2 The inspections and tests may be conducted in the factory premises of the Supplier, or at the destination. All reasonable facilities and assistance including access to drawings and production data shall be furnished to the inspecting officers at no charge to the Purchaser. The date and time of any such inspections will be mutually decided.
- 3.6.3 Should any inspected or tested Tablet PCs or LCD Projection Systems fail to conform to the Specifications, the Purchaser may reject them and the Supplier shall either replace the rejected Tablet PCs and LCD Projection Systems or make all alterations necessary to meet specification requirements to the Purchaser.
- 3.6.4 If the Purchaser decides to conduct the inspection at supplier's premises as per clause 3.6.1 to 3.6.3, no material being furnished against this specification shall be dispatched until inspected and approved by the Purchaser/ or his representative. Such inspection and approval will not relieve the Contractor of full responsibility for furnishing equipment conforming to the specifications nor will it prejudice any claim, right or privilege which the Purchaser may have on account of any loss sustained by it due to defective or unsatisfactory equipment supplied by the contractor. Should the inspection be waived off by the Purchaser, such waiver shall not relieve the contractor in any way from his contractual obligations.

3.7 Packing Delivery & Documentation:

- 3.7.1 The supplier shall provide such packing as is required to prevent damage or

deterioration of the Tablets and LCD Projection Systems during transit to their final destination as indicated in the purchase order. The packing shall be sufficient to withstand, without limitations, rough handling during transit and exposure to extreme temperatures and precipitation during transit and open storage. The Supplier shall be responsible for any defect in packing.

- 3.7.2 The packing, marking and documentation within and outside the packages shall comply strictly with such special requirements as will be specifically provided for in the contract.
- 3.7.3 Delivery of the Tablet PCs, LCD Projection Systems and associated documentation will be done in such manner as may be prescribed by the Purchaser in the Contract.
- 3.7.4 All deliveries of contracted stress will be in designated District headquarters. Details about the exact numbers and place/officials concerned will form part of the Purchase Order contract.
- 3.7.5 Each Tablet PC and LCD Projection Systems will carry a sticker with complete information about the location and contact information of warranty/ after sales service centre.

3.8 Insurance:

- 3.8.1 The Tablet PCs and LCD Projection Systems supplied under the Contract shall be fully insured against loss or damage incidental to manufacture or acquisition, transportation, storage and delivery, till distribution to the intended recipients.
- 3.8.2 The supplier will indemnify the Purchaser from all responsibility of compensation etc. caused by third party injury including death while he is discharging his duties under the contract.

3.9 Transportation:

- 3.9.1 The entire cost of carriage/transportation from the port of discharge to the destination shall be borne by the Supplier.
- 3.9.2 Where the Supplier is required to effect delivery to some other address within Meghalaya, the supplier shall be required to meet all transport and storage expenses until delivery is completed.

3.10 Literature and Instruction:

3.10.1 Sufficient number of copies of illustrated literature and instruction books regarding the installation, handling, maintenance and use of the Tablet PCs and LCD Projection Systems at each station shall be supplied by the supplier as part of the Contract price before dispatch of the first assignment.

3.11 Payment:

3.11.1 Payment shall be made in two instalments.

3.11.2 **First Instalment:** The Bidders should quote their rates in Schedules I. First Instalment of 75% of the contract amount shall be paid after receipt of duly acknowledged delivery challan(s) / invoice(s), as required by the Purchaser and acceptance inspection, of all the Tablet PCs and LCD Projection Systems, at the designated places of delivery.

3.11.4 **Second Instalment:** Remaining 25% amount shall be released to the supplier after six weeks of complete delivery of the ordered number of Tablet PCs/LCD Projection Systems.

Note: *First instalment shall be released only on production of bill supported by delivery challan by the Supplier. Any bill supported by requisite documents will be processed within 15 days and objections, if any, will be conveyed in one go within this period. If the claim is found in order, the payment will be made within 2 weeks from the date of submission of such bills along with required documents.*

3.12 Prices:

3.12.1 Subject to the provision to Rule 2.11.1, the prices charged by the Supplier for Tablet PCs and LCD Projection Systems delivered and services performed under the Contract shall not vary from the prices quoted by the Supplier in his Bid.

3.13 Modification in the Order:

3.13.1 The Purchaser may at any time, by written order given to the Supplier make changes within the general scope of the Contract in anyone or more of the following:

- (a) the specifications of the Tablet PCs and LCD Projection Systems.
- (b) the method of shipment or packing

- (c) the service to be provided by the Supplier
- (d) quantity of Tablet PCs and LCD Projection Systems.
- (e) Any other change that the purchaser may deem fit

3.13.2 If any such change causes an increase or decrease in the cost of, or the time required for, the Supplier's performance of any part of the work 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 put forth within 30 days from the date of the Supplier's receipt of the Purchaser's change order.

3.14 Subcontract:

3.14.1 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.

3.14.2 The Supplier shall notify the Purchaser, in advance in writing, of all sub-Contracts awarded under the Contract if not already specified in his bid. Such notification, in his original bid or later (even if with prior approval of Purchaser) shall not relieve the Supplier of any liability or obligations under the Contract.

3.14.3 Subcontracts must comply with the provisions of the clause 3.3.

3.15 Delay and the Supplier's Performance:

3.15.1 Delivery of the Tablet PCs and the performance of services shall be made by the Supplier in accordance with the time schedule specified by the Purchaser in the Contract.

3.15.2 Any unjustifiable delay by the Supplier in the performance of his delivery obligation may render the Supplier liable to any or all the following (i) forfeiture of its performance security, (ii) imposition of liquidated damages @ 2% per week of the unfulfilled order, (iii) termination of the contract and risk purchase at Supplier's risk, (iv) initiation of any other legal proceedings.

3.15.3 The Supplier will strictly adhere to the time-schedule for the performance of Contract. However, the Purchaser can relax this time limit in force majeure conditions.

3.16 Termination for Default:

3.16.1 The Purchaser may without prejudice to any other remedy for breach of contract, (including forfeiture of Performance Security) by written notice of default sent to the supplier, terminate the Contract in whole or in part after sending a notice to the Supplier in this regard.

(a) if the Supplier fails to deliver any or all of the Tablet PCs and LCD Projection Systems within the time period(s) specified in the Contract, or any extension thereof granted by the Purchaser pursuant to clause 3.15.3, or

(b) if the Supplier fails to perform any other obligation under the Contract.

3.16.2 In the event the Purchaser terminates the Contract in whole or in part, he may procure, upon such terms in such manner, as it deems appropriate, Tablet PCs and LCD Projection Systems similar to those undelivered, and the Supplier shall be liable to pay excess cost of such similar Tablet PCs to the Purchaser. This liability will be in addition to forfeiture of performance guarantee and any other legal proceedings, which the Purchaser may initiate as per Para 3.15.2.

3.17 Force Majeure:

3.17.1 Notwithstanding the provisions of the clauses 3.15 and 3.16, the Supplier shall not be liable for forfeiture of its performance security or termination for default, or payment of any damages, if and to the extent that his delay in performance under the Contract is the result of an event of Force Majeure.

3.17.2 For purpose of this clause, Force Majeure means an event beyond the reasonable control of the Supplier and not involving the Supplier's fault or negligence and not foreseeable. Such events may include, but are not restricted to, acts of the Purchaser either in its sovereign or contractual capacity, war, revolutions, fires, floods, epidemics, quarantine restrictions and freight embargoes.

3.17.3 If a Force Majeure situation arises, the Supplier shall promptly notify the Purchaser in writing or 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 reasonably practical, and shall seek all reasonable alternative means for performance, not prevented by the *Force*

Majeure event.

3.18 Taxes and Duties:

3.18.1 Supplier shall be entirely responsible for payment of all taxes, duties and levies, imposed up to/until the delivery point specified in the Contract. If there is a reduction in any of the statutory duties and levies before the despatch of Tablet PCs and LCD Projection Systems, the benefit of the same will be passed on to the Purchaser.

SECTION - 4

TECHNICAL SPECIFICATIONS

&

MAINTENANCE CONDITIONS

SECTION-4

TECHNICAL SPECIFICATIONS AND MAINTENANCE CONDITIONS

4.1. SCOPE OF THE TENDER:

The successful Bidder(s) will provide the following services:

(i) **Manufacture /Import (ii) Testing (iii) Supply (iv) After Sales Service.**

(i) **Manufacture/Import .**

The Bidder can manufacture the Tablet PCs and LCD Projection Systems in India or import the same (in full or in parts) from any part of the world.

(ii) **Testing .**

Testing/ Bench Marking as per requirement of the Purchaser and in such manner and for such size of sample as may be prescribed subsequently may be got done as a part of the Contract.

(iii) **Supply**

The Tablet PCs and LCD Projection Systems need to be supplied F.O.R. as per the list of destinations to be supplied at the time of signing the Contract or purchase order.

(iv) **Distribution of Tablet PCs/ and LCD Projection Systems.**

The successful bidder in respect of Tablet PCs and LCD Projection Systems will arrange delivery and preparation for distribution to the intended recipients at all locations as and when asked to do so.

(v) **After sales service**

The Supplier will open one **service centre in all the District Headquarters of Meghalaya exclusively for the maintenance** of Tablet PCs/ and LCD Projection Systems under this tender. Similarly, the Supplier of Tablet PCs/ and LCD Projection Systems **shall keep at least 1% equipments as spare**, to provide immediate replacement, with the service centre during the warranty period, It will be desirable that minor functional problems of these equipments are taken care of by the service centre only. In case of major & specific problems, respective vendors will have to rectify the defect within the time-limit as prescribed in para 4.2.2 below.

4.2 AFTER SALES SERVICES:

4.2.1 Comprehensive Warranty:-

The Supplier shall provide comprehensive warranty (including labour and spares) for 24 calendar months. **The warranty shall cover the system software, Labour and** all the hardware parts including up dation / up gradation (free of cost) of the Operating System. An undertaking to this effect shall be given by the Bidder in the Fact Sheets.

4.2.2 Service Centres:

The finally selected bidder will be required to provide Service Centre facilities as under:-

- (a) One State level Service centre at Shillong.
- (b) One local service centre in each district of the state.

These Service Centres shall be manned by qualified Engineers/Technicians as per Clause 4.1(v) above and one call coordinator. These will be equipped, with sufficient inventory of spares as per ABC Analysis. The supplier will provide prompt after sales support and shall attend to any complaint not later than 24 hours. The minor and major defects shall be rectified not later than 36 hours and 60 hours respectively. If defect is not rectified within the time stipulated as above penalty @ 5% of item cost per week will be imposed. Reports of all after sales service activities shall be forwarded to the Purchaser on quarterly bases on a mutually agreed Performa for working out penalties etc, if any. During the warranty period, this penal clause will be enforced by ensuring that the supplier gives a Performance Security by way of Bank Guarantee to the Purchaser.

4.2.3 Inventory of Spares:

An ABC analysis of inventory of spares shall be done by the Purchaser in consultation with the supplier to ensure that all critical spares/ components apart from the 2% inventory of new equipments for replacement purposes (if equipment are beyond repair within 60 hours) are available with the Service Centres in sufficient quantity.

4.3 TECHNICAL SPECIFICATIONS & QUANTITIES:

4.3.1 **The technical Specifications and the required quantities have been given in Annexure-I.** These specifications should be carefully studied by the Bidder, so that the product could be technically evaluated as per the Purchaser's requirement.

4.4. FACT SHEETS:

- i) Fact Sheets as per SCHEDULE-IV are to be filled in by the bidders as part of the Bid. These Fact Sheets should be complete in all respects and should be free from errors and omissions. All required parameters must be replied to in affirmative/negative. **In case of any difference between fact sheets and the specifications given in Annexure -1, the latter shall prevail.**
- ii) The Bidder shall also supply along with the Bid all brochures and authenticated bulletins carrying latest changes covering the technical aspects of each item appearing in schedule of requirement intended to be supplied by the Bidder. For the purpose of establishing latest changes, print-outs down loaded from INTERNET (& duly authenticated) may be acceptable.

5. Acceptance Testing After Notification of Award:

- i. The Purchaser may conduct benchmarking & acceptance test, which could involve operation of complete system for at least two consecutive days. The Supplier(s) will provide full assistance in this regard. Partial delivery/ installation/ testing of hardware/ system software will not be permissible for acceptance/ payment. The criteria for benchmarking/ acceptance will be conveyed separately.

PROFORMA — A
(Declaration by the O.E.M.)
[Para 2.8(1)(ii)]

To

Date :

**Commissioner & Secretary,
IT Department,
Government of Meghalaya.**

Subject : *Authorisation to a distributor for tender No.*

Dear Sir,

Please refer to your Notice Inviting Tenders for procurement of Tablet PCs and LCD Projection Systems published in the news papers.

M/S _____(Bidder), who is our reliable distributor for the last _____years, is hereby authorised to quote on our behalf for this prestigious tender. M/S _____(Bidder)is likely to continue as our business partner during years to come. We undertake the following regarding the supply of Tablet PCs, LCD Projection Systems and peripherals etc.

1. The Tablet PCs and LCD Projection Systems equipment supplied in this tender shall be manufactured by us as per the specifications required by the Purchaser. M/S _____ (Bidder) shall not be allowed to do any hardware integration on our equipment.
2. It will be ensured that in the event of being awarded the contract the equipment will be delivered by M/s _____(Bidder) & maintained by M/S _____ (ASP) properly as per the conditions of the contract. For this purpose, we shall provide M/S _____ necessary technical support including technical updates, & spares to the ASP. If M/S _____ fails to maintain the equipments for any reason what-so-ever, we shall make alternative arrangements for proper maintenance of these equipments during the warranty period. During the period of 2 years' warranty, we shall provide full support back up to the Bidder/ASP. On the whole, it shall be ensured that the clauses regarding service and maintenance of equipment do not get diluted in implementation due to non-availability of spares and lack of technical inputs from our side even during AMC period.
3. If due to any reason whatsoever, the tie up between our Company & M/S _____ (Bidder) or M/s _____ (ASP) breaks down subsequently, we shall make necessary alternatives arrangements for honouring the terms of the contract.

Yours very truly,

Name : _____

Designation : _____
Company : _____

PROFORMA - B

[Para 2.8 (II)(i)]

I. Financial Parameters

1. Net worth as on 31-03-11 and 31-03-12 certified by Chartered Accountant
2. (PBT) Profit before taxes for the last three years certified by Chartered Accountant
3. (PAT) Profit after taxes for the last three years certified by Chartered Accountant
4. Income Tax clearance Certificate.
5. Turn-over during the last 3 financial years certified by Chartered Accountant

II. Growth Profile

- (i) Percentage increase in
t/o from 2008-09 to 2009-2010
- (ii) Percentage increase in
t/o from 2009-10 to 2010-11
- (iii) Percentage increase in
t/o from 2010-11 to 2011-12

III. Installation Base and Regional Spread

IV. Customer Support and Service.

(i) Number of engineers and their qualification

| | Qualification | Numbers (\$) | Experience | | Special Attributes * |
|--|----------------------|---------------------|-------------------|--|-----------------------------|
| | B.Tech and above | | | | |
| | Diploma Holders | | | | |
| | Others | | | | |

(ii) Inventory of critical components maintained at _____

- Give special attributes such as Microsoft Certified etc.
- \$ Indicate number of Engineers in Shillong / Guwahati

PROFORMA - C

[Para 2.8(II)(ii)]

DETAILS OF EQUIPMENTS BASE

| S.No. | Organisation(\$) | Number of Servers /PCs/Laptops/Tabl et PCs/Touch pads/ LCD Projection Systems /Peripherals Supplied/ installed. | Value | Date of Order | Current Status |
|-------|------------------|---|-------|---------------|----------------|
| 1. | | | | | |
| 2. | | | | | |
| 3. | | | | | |
| 4. | | | | | |

* Give latest position regarding installation and arrangement for after sales support.

\$ Give telephone/ fax No. and address of the contact persons

Performa - D

**DECLARATION REGARDING ACCEPTANCE OF TERMS & CONDITIONS
CONTAINED IN THE TENDER DOCUMENT**

To,

**Commissioner & Secretary,
IT Department,
Government of Meghalaya.**

Sir,

I have carefully gone through the Terms & Conditions contained in the Tender Document [No _____-] regarding procurement of Tablet PCs/ LCD Projection Systems for the Government of Meghalaya by IT Department. I declare that all the provisions of this Tender Document contained in Section-1 to Section-5 are acceptable to my Company. I further certify that I am an authorised signatory of my company and am, therefore, competent to make this declaration.

Yours very truly,

Name: _____

Designation: _____

Company: _____

Address: _____

FORM - E

DECLARATION REGARDING PAST PERFORMANCE

To,

**Commissioner & Secretary,
IT Department,
Government of Meghalaya.**

Sir,

I have carefully gone through the Terms & Conditions contained in the Tender Document [No. _____-] regarding procurement of Tablet PCs/ LCD Projection Systems for the Government of Meghalaya by IT DEPARTMENT. I hereby declare that my company has not been debarred/black listed by any Government / Semi Government organizations for quality/ service products nor is there any pending dispute regarding short shipment/ installation/service. I further certify that I am an authorized signatory of my company and am, therefore, competent to make this declaration.

Yours very truly,

Name: _____

Designation: _____

Company: _____

Address: _____

SCHEDULE - I

PRICE SCHEDULE

[Para 2.8 (III)(i)]

(to be completed by bidder)

| MODEL OF THE ITEM | BRIEF DESCRIPTION OF THE ITEM | UNIT PRICE | Qty. | SALES TAX/VAT ** | Service Tax (if any) | TOTAL FOR PRICE (INCLUDING ALL TAXES, LEVIES, DUTIES ETC. and two years Comprehensive warranty with Form C/ Form D/ Declaration)* |
|-------------------|-------------------------------|------------|------|------------------|----------------------|---|
| | Tablet PC/Touch Pad | | 400 | | | |
| | LCD Projector | | 400 | | | |
| | Projector Screen | | 400 | | | |

- Extra amount (in %age) payable in case Form C/ Form D/ Declaration not given :

In case of any discount applicable to Education Institute/students may be clearly indicated.

Date:

Place:

Signature :

Name :

Designation :

Seal :

SCHEDULE- III

FACT SHEET

Tablet PC/ Touch Pad - Quantity – 400 (+/-10%)

| Sl. No. | Feature | Specification | Offered/Make/ Model- Complied (YES/NO) |
|---------|------------------|---|--|
| 1 | Operating System | Android 4.0.0 or Higher (Ice Cream Sandwich/ Jelly Bean), should be auto/ manual upgradable to higher versions. | |
| 2 | Processor | Dual Core with min speed of 1 Ghz or higher | |
| 3 | RAM | Minimum 512 MB, DDR2 or higher | |
| 4 | Graphics | Should support 2D and 3D Graphics | |
| 5 | Display | Minimum 7 inch TFT LCD Based Capacitive Multi Touch Screen with minimum resolution of 800x480 pixels | |
| 6 | Connectivity | <ul style="list-style-type: none"> ▪ Bluetooth v3.0 or higher ▪ WiFi IEE 802.11 b/g/n ▪ USB 2.0 or higher ▪ 3G, GSM, GPRS, EDGE & HSPA, HSUPA, WCDMA- Should support through USB Dongle | ▪ |
| 7 | Camera | <ul style="list-style-type: none"> ▪ Minimum 2 MP Rear Camera ▪ Desirable: <i>VGA Front Camera or higher for video call</i> | ▪ |
| 8 | HD Video | <ul style="list-style-type: none"> ▪ Minimum 1080p | ▪ |
| 9 | Memory | <ul style="list-style-type: none"> ▪ Minimum 4 GB internal storage or higher. ▪ External micro SD slot expandable up to minimum 32 GB | ▪ |
| 10 | Ports | <ul style="list-style-type: none"> ▪ USB 2.0 or higher ▪ HDMi ver1.4 or higher ▪ 3.5mm Ear Jack | ▪ |
| 11 | Battery | <ul style="list-style-type: none"> ▪ Minimum 8 hours of backup with full application and data usages. | ▪ |
| 12 | Video Formats | Should support Codec: MPEG4, H.264. H.263, VC-1, DivX, WMV7, WMV8, WMV9, VP8 Format: 3GP, ASF, AVI, MP4, WMV, FLV, MKV, WebM Playback/ Recording: Full HD@30fps, HD@30fps | |
| 11 | Audio | MP3, AAC, AC-3, AMR, FLAC, MID, WMA, WAV, OGG | |
| 12 | Sensor | Light, 3D etc. | |
| 13 | Weight | <ul style="list-style-type: none"> ▪ Less than 1K.G. | ▪ |

| | | | |
|----|---------------------------------|--|---|
| 14 | Pre-Loaded Applications | <ul style="list-style-type: none"> ▪ Google™ Mobile Services including and not limited to Android™ Market/ Google Play, Gmail™, YouTube™, Google Maps™, Syncing with Google Calendar™, Google Search, Google+ ▪ Adobe Reader, Adobe Flash Player, Audio Book Reader ▪ Text Editor and Open Office ▪ Anti-Virus and Security Application ▪ Audio and Video Player supporting formats mentioned. ▪ Voice and Video Chat Clients | ▪ |
| 15 | Warranty | 02 years extended warranty | |
| 16 | Accessories | <ul style="list-style-type: none"> ▪ Ear phone ▪ Battery Charger ▪ User Manual and documentations ▪ Stylus (if required to operate any pre-loaded application/ educational software suite) | ▪ |
| 17 | Pre loaded Educational Software | <ul style="list-style-type: none"> ▪ MBOSE syllabus mapped study materials for class XI & XII standards for Arts, Science and Commerce streams ▪ Additional class room teaching format videos and audio books as supplementary material. ▪ Sample question papers and study materials of entrance exams for engineering, medical and Law like IIT JEE, AIEEE, PMT etc. ▪ All course material provided should be interactive and should carry quizzes at the end of lessons. ▪ Developmental activities and important schemes happening in the state with the help of a special application to be called as MeghTube. ▪ Should have the ability to submit feedback and download updates online. | ▪ |

Technical Specifications : LCD Projection System

| Feature | Specification | Offered/Make/ Model-Complied (YES/NO) |
|--------------------------|-------------------------------|---------------------------------------|
| General Aspect Ratio | 4:3 (Native) 16:9 | |
| Brightness (ANSI Lumens) | 2500 ANSI Lumens or above | |
| Contrast Ratio | 1000:1 | |
| Display Type | 0.8' Poly silicon TFT LCD x 3 | |
| Resolution (Native) | XGA (1024 x 768) | |
| Video Compatibility | NTSC, PAL, SECAM | |

| | | |
|------------------------|--|--|
| Projection Lens | F=1.7-2.6 / F=21.3 | |
| Number of colors | 16.77 Million Colors. | |
| Connectivity Inputs | 2 x RGB D- Sub 15 pin /5 x BNC/ 1 x Composite/1 x s-video/ 1 x HDMI/ 2 x RCA Audio/ 1 x stereo Mini Jack | |
| Outputs | 1 x RGB D-Sub 15 pin/ 1 x Stereo Mini Jack. | |
| Audio | 1 x 7W Mono Speaker | |
| Control | 1 x RS-232C/ 1 x RJ-45 LAN | |
| Split screen | Split screen feature to be present. | |
| Operation Power Supply | 100-120V/200-240V/50-60Hz. | |
| Power Consumption | 390W (Normal)/ 323W (Eco mode)/ 10W (Time network Monitoring)/ 0.4W (Standby) | |
| Projection Lens | Lamp Type 275W UHE | |
| Lens Shift | Horizontal +/- 50% & Vertical : +/-10% | |
| Optical Zoom | 1.8:1 | |
| Screen Specification | Screen: 12 feet x 9 feet (With stand on both side). | |
| Warranty | Minimum onsite comprehensive warranty for 2 years. Bulb warranty for 1 year. | |

SECTION-V

ANNEXURES

ANNEXURE-I

Configuration of Tablet PC & LCD Projection System

Tablet PC/ Touch Pad - Quantity – 400 (+/-10%)

| Sl. No. | Feature | Specification |
|---------|-------------------------|---|
| 1 | Operating System | Android 4.0.0 or Higher (Ice Cream Sandwich/ Jelly Bean), should be auto/ manual upgradable to higher versions. |
| 2 | Processor | Dual Core with min speed of 1 Ghz or higher |
| 3 | RAM | Minimum 512 MB, DDR2 or higher |
| 4 | Graphics | Should support 2D and 3D Graphics |
| 5 | Display | Minimum 7 inch TFT LCD Based Capacitive Multi Touch Screen with minimum resolution of 800x480 pixels |
| 6 | Connectivity | <ul style="list-style-type: none"> ▪ Bluetooth v3.0 or higher ▪ WiFi IEE 802.11 b/g/n ▪ USB 2.0 or higher ▪ 3G, GSM, GPRS, EDGE & HSPA, HSUPA, WCDMA- Should support through USB Dongle |
| 7 | Camera | <ul style="list-style-type: none"> ▪ Minimum 2 MP Rear Camera ▪ Desirable: VGA Front Camera or higher for video call |
| 8 | HD Video | <ul style="list-style-type: none"> ▪ Minimum 1080p |
| 9 | Memory | <ul style="list-style-type: none"> ▪ Minimum 4 GB internal storage or higher. ▪ External micro SD slot expandable up to minimum 32 GB |
| 10 | Ports | <ul style="list-style-type: none"> ▪ USB 2.0 or higher ▪ HDMi ver1.4 or higher ▪ 3.5mm Ear Jack |
| 11 | Battery | <ul style="list-style-type: none"> ▪ Minimum 8 hours of backup with full application and data usages. |
| 12 | Video Formats | Should support Codec: MPEG4, H.264, H.263, VC-1, DivX, WMV7, WMV8, WMV9, VP8 Format: 3GP, ASF, AVI, MP4, WMV, FLV, MKV, WebM Playback/ Recording: Full HD@30fps, HD@30fps |
| 11 | Audio | MP3, AAC, AC-3, AMR, FLAC, MID, WMA, WAV, OGG |
| 12 | Sensor | Light, 3D etc. |
| 13 | Weight | <ul style="list-style-type: none"> ▪ Less than 1K.G. |
| 14 | Pre-Loaded Applications | <ul style="list-style-type: none"> ▪ Google™ Mobile Services including and not limited to Android™ Market/ Google Play, Gmail™, YouTube™, Google Maps™, Syncing with Google Calendar™, Google Search, Google+ ▪ Adobe Reader, Adobe Flash Player, Audio Book Reader ▪ Text Editor and Open Office ▪ Anti-Virus and Security Application |

| | | |
|----|---------------------------------|--|
| | | <ul style="list-style-type: none"> ▪ Audio and Video Player supporting formats mentioned. ▪ Voice and Video Chat Clients |
| 15 | Warranty | 02 years extended warranty |
| 16 | Accessories | <ul style="list-style-type: none"> ▪ Ear phone ▪ Battery Charger ▪ User Manual and documentations ▪ Stylus (if required to operate any pre-loaded application/ educational software suite) |
| 17 | Pre loaded Educational Software | <ul style="list-style-type: none"> ▪ MBOSE syllabus mapped study materials for class XI & XII standards for Arts, Science and Commerce streams ▪ Additional class room teaching format videos and audio books as supplementary material. ▪ Sample question papers and study materials of entrance exams for engineering, medical and Law like IIT JEE, AIEEE, PMT etc. ▪ All course material provided should be interactive and should carry quizzes at the end of lessons. ▪ Developmental activities and important schemes happening in the state with the help of a special application to be called as MeghTube. ▪ Should have the ability to submit feedback and download updates online. |

LCD PROJECTION SYSTEM Quantity – 400 (+/-10%)

Technical Specifications:-

| | |
|---------------------------------|--|
| General Aspect Ratio | 4:3 (Native) 16:9 |
| Brightness (ANSI Lumens) | 2500 ANSI Lumens or above |
| Contrast Ratio | 1000:1 |
| Display Type | 0.8'' polysilicon TFT LCD x 3 |
| Resolution (Native) | xGA (1024 x 768) |
| Video Compatibility | NTSC, PAL, SECAM |
| Projection Lens | F=1.7-2.6 / F=21.3 |
| Number of colors | 16.77 Million Colors. |
| Connectivity Inputs | 2 x RGB D- Sub 15 pin /5 x BNC/ 1 x Composite/1 x s-vedio/ 1 x HDMI/ 2 x RCA Audio/ 1 x stereo Mini Jack |
| Outputs | 1 x RGB D-Sub 15 pin/ 1 x Stereo Mini Jack. |
| Audio | 1 x 7W Mono Speaker |
| Control | 1 x RS-232C/ 1 x RJ-45 LAN |

| | |
|-------------------------------|---|
| Split screen | Split screen feature to be present. |
| Operation Power Supply | 100-120V/200-240V/50-60Hz. |
| Power Consumption | 390W (Normal)/ 323W (Eco mode)/ 10W (Time network Monitoring)/ 0.4W (Standby) |
| Projection Lens | Lamp Type 275W UHE |
| Lens Shift | Horizontal +/- 50% & Vertical : +/-10% |
| Optical Zoom | 1.8:1 |
| Screen Specification | Screen: 12 feet x 9 feet (With stand on both side). |
| Warranty | Minimum onsite comprehensive warranty for 2 years. Bulb warranty for 1 year. |