

**TENDER DOCUMENT FOR BIDS FOR SETTING UP OF
SMART CLASSROOMS IN AEC SCHOOLS/JCs WHICH INCLUDES
SUPPLY, COMMISSIONING, FUNCTIONING AND INSTALLATION OF
HARDWARE WITH INTEGRATION OF EDUCATIONAL DIGITAL
CONTENTS AND ON THE GROUND TRAINING/SUPPORTING**

Tender No: AEES/PC&GA/Smart Classroom/2018-19/1501

23/05/2018

**ATOMIC ENERGY EDUCATION SOCIETY
CENTRAL OFFICE, WESTERN SECTOR
ANUSHAKTINAGAR
MUMBAI- 400094.**

TEL.: (022) 25565049/25571501/ 25503328/ 25503310

FAX NO.: (022) 225576230

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This tender document is intended to be and is hereby issued only to the prospective Bidders. The purpose of this tender document is to provide the Bidder(s) with information to assist the formulation of their Proposals. This tender document does not purport to contain all the information that each Bidder may require. This tender document may not be appropriate for all persons, and it is not possible for the AEES, its employees or advisors to consider the investment objectives, financial situation and particular needs of each Bidder who reads or uses this tender document. The assumptions, assessments, statements and information contained in the tender document may not be complete, accurate, adequate or correct. Each Bidder should, therefore, conduct his/her own investigations and analysis and should check the accuracy, adequacy, correctness, reliability and completeness of the assumptions, assessments, statements and information contained in this tender document and where necessary obtain independent advice from appropriate sources. The AEES, its employees and advisors make no representation or warranty and shall incur no liability under any law, statute, rules or regulations as to the accuracy, adequacy, correctness, reliability or completeness of the tender document.

Information provided in this tender to the Bidder(s) is on a wide range of matters, some of which may depend upon interpretation of law. The information given is not intended to be an exhaustive account of statutory

requirements and should not be regarded as a complete or authoritative statement of law. The AEES accepts no responsibility for the accuracy or otherwise for any interpretation or opinion on law expressed herein.

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

The AEES also accepts no liability of any nature, whether resulting from negligence or otherwise howsoever caused arising from reliance of any Bidder upon the statements contained in this tender document.

The AEES may in its absolute discretion, but without being under any obligation to do so, update, amend or supplement the information, assessment or assumptions contained in this tender document before the last date of bid submission with reasonable time to bidders to submit modifications, if any.

The issue of this tender document does not imply that the AEES is bound to select a Bidder or to appoint the selected Bidder or Concessionaire, as the case may be, for the Project and the AEES reserves the right to reject all or any of the Bidders or Bids without assigning any reason whatsoever.

The Bidder shall bear all its costs associated with or relating to the preparation and submission of its Bid including but not limited to preparation, copying, postage, delivery fees, expenses associated with any

demonstrations or presentations which may be required by the AEES or any other costs incurred in connection with or relating to its Bid. All such costs and expenses will remain with the Bidder and the AEES shall not be liable in any manner whatsoever for the same or for any other costs or other expenses incurred by a Bidder in preparation or submission of the Bid, regardless of the conduct or outcome of the Bidding Process.

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**ATOMIC ENERGY EDUCATION SOCIETY
CENTRAL OFFICE, WESTERN SECTOR
ANUSHAKTINAGAR, MUMBAI 400094**

SECTION-I

PREFACE & PROJECT PROFILE

1. PREFACE

1.1 Atomic Energy Education Society (AEES) was setup to provide quality education to the children of the employees of the Department of Atomic Energy and its constituent units. At present there are 31 AEES schools all over the country.

1.2 Atomic Energy Education Society has taken a number of initiatives in the past few years to provide IT infrastructure and IT education in AEES Schools. Computer Education as an awareness Course has been introduced in all AEES.

1.3 AEES has proposed for the setting up of 'Smart Classrooms' from class I to XII in 31 AEES schools in the first phase. The most important objective of this initiative is to ensure, that no child is left behind in the access to learning, which is also the mandate of the Right to Education Act, 2009. Besides actual syllabus teaching, children can take advantage of upgraded technology in learning about socio-political events, leading personalities, culture, heritage, sports, environment and other areas related to child development.

1.4 Smart Classrooms will be set up in all Hindi and English Medium Sections from class I to XII in 31 AEES Schools as per **Annexure I** and the Educational digital content will be available both in Hindi and English.

1.5 Keeping in view the above broader objectives, AEES invites tender for Technical and Financial bid proposal from eligible Bidders for setting up of Smart Classrooms involving supply, installation, commissioning & functioning of Hardware, uploading/maintenance and upgrading of Educational Digital contents as per the CBSE and NCERT syllabus of classes I to XII as well as networking (Client Server Module) of the Smart Classrooms, including training of the teachers of all the courses in each schools as required in the document.

1.6 Bidders may note that Bids are to be submitted as per the instructions laid out in **SECTION III** of the tender document. The selection of successful bidder would be in two steps:

- Technical Bid
- Financial Bid

1.7 The final acceptance of the tender would vest with AEES, who reserves the right to accept or reject any tender, without assigning any reason whatsoever. There is no obligation on the part of AEES to communicate in

any way with rejected bidders. After acceptance of the tender by AEES, the bidder shall have no right to withdraw his tender or claim higher price.

1.8 The last date for submission of the bid is **22.06.2018 up to 3:00 PM**. The following address will be used for all communication in regard to this bid process:-

Atomic Energy Education Society

Central Office, Western Sector

Anushaktinagar

Mumbai- 400094.

Tel.: (022) 25565049/25571501/ 25503328/ 25503310

Fax no.: (022) 225576230

Website: www.aees.gov.in

2. PROJECT PROFILE:

2.1 SMART CLASSROOM FRAMEWORK:

AEES intends to set up of Smart Classroom units in 31 AEES Schools involving the supply, installation and successful commissioning of the following items:

2.1.1 HARDWARE:

- Display units (Interactive Board/White board with Interactive device/white board incorporating Interactive projector)
- DLP Ultra-short throw projector with ceiling mount kit,
- Computer with Desktop
- Speaker/Audio System
- UPS
- Lockable Cabinet (to keep CPU/desktop, UPS, keyboard, remote etc.)
- Uploading/up gradation and maintenance Educational Digital contents
- Monitoring
- Networking
- Setting up, a server in the computer lab of the schools etc.

2.1.2 SOFTWARE & EDUCATIONAL DIGITAL CONTENT:

The supply, installation & up gradation of Educational Digital Contents and software for the Smart Classrooms from I to XII classes (the details of the classrooms are placed at **Annexure I**) will be based on the syllabus as mentioned below:-

Sl. No	SUBJECT	CLASS	LANGUAGE/ MEDIUM OF THE CONTENT	SYLLABUS
1	2	3	4	5
1.	English, Hindi	I to VIII	As per language	As per NCERT syllabus
2.	Mathematics	I to VIII	English	As per NCERT syllabus
3.	Science, Social Science	VI to VIII	English	As per NCERT syllabus
4.	EVS	I to V	English	As per NCERT syllabus
5.	Sanskrit, Marathi (Regional Languages)	VI to VIII	As per language	As per NCERT syllabus
6.	Computer Education	III to VIII	English	As per KVS computer syllabus and Adopted by AEES for classes III to VIII.
7.	Social Science, Mathematics, Science	IX to X	English	As per CBSE syllabus Classes 1&2.
8.	Information and Communication Technology	IX and X	English	As per CBSE syllabus CBSE ICT syllabus for class IX and X.
9.	English- Communicative, English Language and Literature, Hindi Course A, Hindi Course B, Sanskrit	IX to X	As per language	As per NCERT/ CBSE syllabus
10.	English Elective, English Core, Hindi Elective, Hindi Core, Sanskrit Core (Code 322)	XI to XII	As per language	As per CBSE/Respective State Board syllabus
11.	Economics, Business Studies, Accountancy, History, Political Science, Geography,	XI to XII	English	As per CBSE/Respective State Board syllabus

	Sociology, Physical Education, Home Science, Painting, Music			
12.	Mathematics, Physics, Chemistry, Biology, Computer Science, Informatics Practices.	XI to XII	English	As per CBSE/Respective State Board syllabus

2.2 The successful bidder will also maintain and upkeep the Smart Classrooms under three years comprehensive warranty throughout the contract period as per the terms & conditions given in this tender document.

2.3 The successful bidder will arrange training, both initial and later on refresher training on a quarterly basis to the teachers of the schools on usage of supplied Multimedia Educational Digital Content, operations of all the hardware installed and browsing of internet in the designated schools.

**ATOMIC ENERGY EDUCATION SOCIETY
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SECTION-II

NOTICE INVITING TENDER (NIT)

1. AEES invites Technical and Financial Bids through tendering for establishment of 31 Smart Classrooms from Class I to XII which includes supply, installation, commissioning & functioning of Hardware including maintenance and uploading and maintenance of Educational Digital contents and future up gradation as per changes in syllabus prescribed by boards concerned, networking and setting up of server, training to teachers, providing IT Assistants cum Resource Persons and onsite comprehensive warranty for three years in 31 AEES Schools, from the eligible firms/agencies/companies etc.

2. The complete tender document may be obtained from the website www.aees.gov.in. The bidder should submit all the required documents to the Office of CAO, as prescribed in this tender document.

3. The total estimated cost of the project for supply, installation & commissioning of Hardware, uploading/maintenance and up gradation of Educational Digital contents, networking and setting up of server, training to teachers, providing IT Assistants cum Resource Persons and onsite comprehensive warranty for three years, comes to Rs 50 Lakhs excluding GST.

4. There may be a deviation of +/- 20% of the work, depending upon the developing situation, as mentioned in the Scope of Work (**SECTION IV**) of this tender document.

5. The cost of the tender of Rs.1000/-, which is non-refundable, along with the 2% Earnest money of Rs.1,00,000/- will have to be deposited separately in the form of Demand Draft in favour of the "Atomic Energy Education Society" payable at Mumbai.

6. The details of the schedule of the tendering process are as under:

Sr. No	Activity	Date	Time
1.	Date of release of tender & submission of quotations	23.05.2018 to 21.06.2018	1100 hrs
2.	Last date of submission of quotations	22.06.2018	1500 hrs
3.	Date of Pre-Bid meeting	12.06.2018	1400 hrs
4.	Date, venue and time for opening of tenders.	Central Office, AEES, Western Sector, Anushaktinagar on 25.06.2018	1100 hrs

7. Technical bid will be opened first and if it is found complete in all respect, then only the successful bidders in Technical bid will be called for presentation of digital content. At the time of evaluation of technical bid, if any clarification is required, same is to be furnished by the bidder concerned in prescribed timeline. After that, financial bid would be opened and L-1 will be decided. It is clearly stated that the work could be awarded to one who qualifies technical evaluation and who quoted lowest amount. The decision of the AEES shall be final and binding. No claim whatsoever in this regard shall be entertained.

8. Details can be seen at www.aees.gov.in.

9. Bidders should note that this is a critical project with pre-specified timeline. Therefore, bidder has to comply with all terms & conditions specified in this tender document. The bidders should submit their bids in compliance with the tender procedures and contract terms as specified in this tender document.

10. AEES will not be responsible for delay in the submission due to any reason. For this, bidders are requested to complete their work well before last date and time.

ATOMIC ENERGY EDUCATION SOCIETY (AEES)

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SECTION-III

INSTRUCTIONS TO BIDDERS

1. DEFINITIONS:

In this document, the following terms shall have following respective meanings:

1.1 "Agreement" shall mean this agreement executed between AEES and the SUCCESSFUL BIDDER and shall, unless repugnant to the context include all schedules, exhibits, annexes, addendums and alterations hereof.

1.2 "Authorized Representative / Authorized signatory" shall mean any person duly and formally authorized by either of the parties.

1.3 "Bidder" means a corporate firm/organization/company incorporated in India eligible to bid in the stages of pre-qualification, Bidding process and shall include the successful bidder during the currency of the Contract.

1.4 "Contract" is used synonymously with Agreement. A contract entered into between the procuring entity and a successful bidder concerning the subject matter of procurement.

1.5 "Corrupt Practice" means the offering, giving, receiving or soliciting of anything of value to influence the action of an official in the process of Contract execution.

1.6 "COD" means commercial operations date.

1.7 "Educational Digital Content" means Multimedia content based on images, Audio, Video, having interactivity and other type of digital content incorporating the software to run digital educational content as per the syllabus adopted by AEES Schools from class I to XII.

1.8 "Fraudulent Practice" means a misrepresentation of facts in order to influence bidding process or the execution of a Contract and includes collusive practice among Bidders (prior to or after Bid submission) designed to establish Bid prices at artificial non-competitive levels and to deprive the AEES of the benefits of free and open competition.

1.9 "Implementation Period" shall mean the period from the date of signing of the Agreement.

1.10 "Law" shall mean any Act, notification, bye law, rules and regulations, directive, ordinance, order or instruction having the force of law enacted or issued by the Central Government and AEES.

1.11 "LOA" means issuing of Letter of work Award, which shall constitute the intention of the Tenderer to place the work order with the successful bidder.

1.12 "Last three financial years" means 2015-16, 2016-17 and 2017-18.

1.13 "OEM" means Original equipment manufacturer (OEM) (A company that makes a part or subsystem that is used in another company's end product.)

1.14 "Party" means the AEES (Atomic Energy education Society) or Bidder, individually and "Parties" mean AEES and the bidder collectively.

1.15 "Smart Classroom" means supply, uploading and maintenance of Educational Digital contents of class I to XII as per the syllabus mentioned at Annexure II (C) and future upgradation, supply, installation, commissioning & functioning of Hardware, including maintenance, networking and setting up of server, training to teachers, providing learning analytics through MIS, providing IT Assistants cum Resource Persons, supply, installations and onsite comprehensive warranty for three years.

1.16 "Similar Work" means supply, uploading and maintenance of Educational Digital contents of class I to XII as per the syllabus mentioned at Annexure II (C) and future upgradation, supply, installation, commissioning & functioning of Hardware, including maintenance, networking and setting up of server, training to teachers, providing learning analytics through MIS, providing IT Assistants cum Resource Persons, and onsite comprehensive warranty for three years.

1.17 "Service" means provision of Contracted service viz., supply, installation, operation, maintenance and associated services for Smart Classrooms in AEES Schools.

1.18 "Sites" shall mean school premises of AEES Schools, as mentioned in **Annexure-I** of the tender document, for which the contract has been issued and where the services shall be provided as per the agreement.

1.19 "Tenderer" means the AEES who is issuing this tender.

1.20 "Work" means supply, uploading and maintenance of Educational Digital contents of class I to XII as per the syllabus mentioned at **Annexure II (C)** and future upgradation, supply, installation, commissioning & functioning of Hardware, including maintenance, networking and setting up of server, training to teachers, providing learning analytics through MIS, providing IT Assistants cum Resource Persons, supply, installations and onsite comprehensive warranty for three years.

2. EARNEST MONEY DEPOSIT:

2.1 The cost of the tender of Rs.1,000/- (Rupees One Thousand Only) , which is non-refundable, alongwith the Earnest money of Rs.1,00,000/- (Rupees One Lakh Only) will have to be deposited separately in the form of Demand Draft in favour of the “Atomic Energy Education Society” payable at Mumbai.

2.2 Amount of Earnest Money and the cost of tender in the form of Demand Drafts from any Nationalized/Scheduled bank drawn in favour of “Atomic Energy Education Society” payable at Mumbai will have to be submitted physically on or before 22.06.2018 at 3.00 PM in the tender box kept in the Central office of Atomic Energy Education Society, Anushaktinagar, Mumbai-400 094.

2.3 The Earnest Money Deposit of un-successful bidders shall be returned / refunded within 21 working days of award of Tender. However, the cost of tender of Rs. 1,000/- is **non-refundable**. In case of successful bidder this shall be returned /refunded within 15 days of signing of Contract Agreement and submission of Bank Guarantee.

2.4 The Bidders have to submit all the required Documents including the EMD demand draft to Central Office, AEES.

2.5 The EMD will be forfeited at the discretion of Chairman, AEES on account of one or more of the following reasons:

2.5.1 The Bidder withdraws their Bid during the period of Bid validity.

2.5.2 Bidder does not respond to the requests for clarification of Bid.

2.5.3 Bidder fails to co-operate in the Bid evaluation process.

2.5.4 Bidder is found to be engaged in corrupt/fraudulent practices.

2.5.5 In case of a successful Bidder, the said bidder fails:

To furnish Performance Bank Guarantee,

To sign the agreement in time and

To execute the contract as per terms and conditions stipulated in the tender documents.

2.5.6 The Bidders cannot withdraw the bid in the interval between the last date for receipt of bids and the expiry of the bid validity period specified in the Bid. Such withdrawal may result in the forfeiture of its EMD.

2.5.7 If the bid is not in conformity with the instructions mentioned in the tender document.

2.5.8 If the bidder violates any provision of the terms and conditions of the tender document.

2.5.9 Refusal by the tenderer to accept an arithmetical error or otherwise appearing on the face of tender;

3. SUBMISSION OF BID

3.1 Tender Document can be downloaded from the AEES website. i.e. www.aees.gov.in.

3.2 Submission of bids shall be deemed to have been done after careful study and examination of the tender document with full understanding of its implications.

3.3 The Bids need to be submitted only to Central Office, AEES.

3.4 The bidder must be an authorized representative of the product offered.

3.5 Tender Bid document shall be entertained only upon furnishing a “No dues Certificate” in the form of an undertaking on non-judicial paper that nothing is payable against the bidder (individual/firm/company/society as the case may be) from any previous contract/agreement/work award by the AEES.

3.6 The technical Specification for establishing Smart Classrooms as per **Annexure - II(A)** and providing licensing of digital Content, as per **Annexure - II(B)** shall be valid for three years from the date of commissioning of the Smart Classrooms for which an agreement as per **Annexure-V**, shall be signed with the successful bidder. AEES reserves the right to extend the Contract at its sole discretion and requirement.

3.7 Bidders are advised, in their own interest, to visit and see location of the schools (**Annexure - I**) before submitting their tender and assess the feasibility. At no stage, the bid offered shall be extended.

3.8 A E E S will not be responsible for delay in the submission of documents due to any reason.

4. PRE BID MEETING/QUERIES/CLARIFICATIONS:

4.1 For any other query relating to technical specifications, the bidders may contact **the Deputy Head, Academic Unit, Atomic Energy Education Society, Mumbai-400094**.

4.2 The queries may be submitted in the form of hardcopy in the office of **Deputy Head, Academic Unit, Atomic Energy Education Society, Mumbai-400094** or on **email** - academicunit-aees@gov.in before 48 hours of the time fixed for the pre-bid meeting after which no query shall be taken into account. Any corrigendum, if required, will be uploaded after the pre-bid meeting date.

4.3 Bidders are requested to give detailed suggestions of bid document in writing well before pre-bid meeting. No clarification shall be entertained thereafter.

4.4 AEES shall consolidate all clarifications sought for by the various Bidders and clarify the same five days prior to the Submission of Bids.

4.5 AEES reserves the right to allot/cancel the tenders invited for setting up of Smart Classroom as it may consider/deem fit and proper and to reject the tenders/applications without assigning any reasons at any stage.

5. AMENDMENT OF BID DOCUMENTS

5.1 At any time before the scheduled submission of bid, AEES may, for any reasons, whether at its own initiative or in response to a clarification requested by a prospective Bidder, modify the Tender Document by amendment.

5.2 The amendment/response to clarification(s), if any, will be sent in writing to all prospective Bidders or upload on the AEES website which will be binding on them. AEES may, at its discretion, extend the date for submission and/or opening of the bid.

6. LANGUAGE OF BID

The bid prepared by the bidder and all correspondence and documents related to the bid exchanged by the bidders and the AEES shall be written in English Language only.

7. SUB-LETTING OF CONTRACT

In no case the successful bidder shall be allowed to sublet this project on back to back basis at any stage. In the event of bidder contravening this condition, the contract shall be terminated with immediate effect and Performance bank guarantee shall be invoked.

8. ACCEPTANCE AND WITHDRAWAL

8.1 The final acceptance of the tender would entirely vest with AEES, who reserves the right to accept or reject any tender, without assigning any reason whatsoever. There is no obligation on the part of AEES to communicate in any way with rejected bidders. After acceptance of the tender by AEES, the bidder shall have no right to withdraw his tender or claim higher price.

8.2 Tender with incomplete information is liable for rejection.

8.3 Any dispute/ difference arising out or relating to this agreement including the interpretation of the terms and conditions will be resolved through mutual discussion.

9. GOVERNING LAW

This Agreement/contract shall be governed by and construed in accordance with the laws of India. Subject to the dispute resolution provisions as above, the courts of law located in Mumbai shall have the exclusive jurisdiction to any matter arising out of or in relation to this Agreement.

10. COMPLIANCE WITH LAWS

Each party shall comply with all applicable central, state and local laws, regulations and ordinances including, but not limited to, the regulations of the India and in case of the SUCCESSFUL BIDDER defaulting in performing any of the above conditions he/she will be debarred for bidding of any tender/NIT of AEES and will be black listed for three years.

11. SEVERABILITY

If any term, provision, covenant, or condition of this Agreement is held by a court of competent jurisdiction to be invalid, void, or unenforceable, the rest of the Agreement shall remain in full force and effect.

12. AFFIDAVIT

The bidder shall furnish an affidavit to the effect that the correct information has been furnished in the tender and the bidder shall be solely responsible for furnishing wrong/false information in the bid.

13. BID OPENING:

13.1 The Technical Evaluation Committee will perform the bid opening, which is a critical event in the bidding process.

13.2 AEES shall conduct the bid opening at the address, date and time specified in the NIT.

13.3 All the bids received within the specified time and date shall be opened by the members of Technical Evaluation Committee at the specified place, date and time in the presence of bidders or their authorized representatives who may choose to be present. This will also be displayed on the AEES website, i.e <https://www.aees.gov.in>.

13.4 All the technical bids, except the Commercial/financial bids, shall be opened one at a time, and the name of the bidder; EMD and any other details as the procuring entity may consider appropriate will be read out. No Bid shall be rejected at the time of opening of Technical Bids except the late Bids, Alternative Bids and Bids not accompanied with the proof of payment or instrument of the EMD.

13.5 The Technical Evaluation Committee shall prepare a list of the Bidders or their representatives attending the opening of Bids and obtain their signatures on the same. The list shall also contain the representative's name and telephone number and corresponding Bidders' names and addresses. The authority letters brought by the representatives shall be attached to the list. The list shall be signed by all the members of the Technical Evaluation Committee with date and time of opening of the Bids.

14. DEADLINE FOR SUBMISSION OF BIDS:

14.1 AEES may, at its discretion, extend this deadline for submission of bids by amending the Bid Documents in which case all rights and obligations of AEES and Bidders previously subject to the deadline will thereafter be subject to the deadline as extended.

14.2 In the event of the specified date for the submission of Bids being declared a holiday for AEES, the Bids will be received up to the appointed time on the next working day.

15. LATE BIDS:

Any Bid received by AEES after the deadline for submission of bids prescribed by AEES pursuant to clause 13, will be summarily rejected.

16. EVALUATION OF TENDERS

16.1 The bids shall be evaluated by the AEES through the TECHNICAL EVALUATION COMMITTEE (TEC). The AEES may utilize the services of a consultant or an adviser for evaluation of the bids. The AEES shall evaluate the bids in respect to the substantive responsiveness of the bid or otherwise. The AEES shall carry out detailed evaluation of the substantially responsive bids. The AEES shall check the bid to determine whether they are complete, whether any computational errors have been made or required sureties have been furnished.

16.2 Arithmetical errors shall be rectified on the following basis :-

16.2.1 If there is a discrepancy between the unit price and total price that is obtained multiplying the unit price and quantity, the unit price shall prevail and the total price shall be corrected by the Purchaser.

16.2.2 In case of discrepancy between words and figures, the amount in words shall prevail.

16.3 A bid determined as substantially non-responsive shall be rejected by the AEES.

16.4. The AEES may waive any minor infirmity or non-conformity or irregularity in the bid, which does not constitute a material deviation.

16.5 The AEES shall evaluate in detail and compare the bids which are substantially responsive.

16.6 The evaluation of the ranking shall be carried out on the landed price of goods offered inclusive of all taxes.

16.7 The distribution of tendered quantity amongst the technically and commercially complied bidders shall be based on merits of each case.

16.8 AEES shall have the sole discretion in deciding the number of parties on whom the orders shall be finally placed.

17. SCANNED COPY OF THE DOCUMENTS (DULY SIGNED AND STAMPED) TO BE UPLOADED BY THE BIDDER AT THE TIME OF SUBMISSION OF TECHNICAL BID:

The following documents should be submitted online:

17.1 Scanned copy of Demand Drafts in respect of Earnest Money Deposit (EMD) and cost of tender from any nationalized/Scheduled Bank drawn in favour of “Atomic Energy Education Society” payable at Mumbai.

17.2 Original Demand drafts in respect of Earnest Money Deposit (EMD) and the cost of tender should be submitted physically in tender box kept in Central office, AEES, Anushaktinagar, Mumbai-400094, latest by 3 . 0 0 P M on 22.06.2018.

17.3 Permanent Account No (PAN) of the Bidder/Firm/Company/Society.

17.4 Self attested copy Of GST registration certificate and Sales/Service Tax return filed in 2015-16 & 2016-17 & GST returns filed in 2017-18.

17.5 Self attested copy of the certificate that the upto date Income Tax Returns have been filed.

17.6 Self attested documentary evidence of (a) the Proof of Residence of the Bidder (in case of a Proprietor/Partnership Firm (b) Proof of Registered Office of the Company and Residential Address of the Director/Authorised Representative (in case of Bidder being a Company) (c) Proof of Registered office of the Society and Residence of President /Secretary (in case Bidder being a Society) as well as Proof of the Address of the Office of the Bidder Firm/Company/Society.

17.7 Self attested copy of bank statement indicating the name of the Bank and Account No. of the Bidder Firm/Company/Society.

17.8 A completion certificate from the Agency certifying the user successful completion of the similar work by the bidder may be done uploaded along - with the tender document

17.9 The turnover/network/financial status of the bidder shall be ascertained from the following documents which the bidder is required to upload (scanned copy) along with the tender document:

17.10 Audited Financial Statement of the Firm/Company/Society for the preceding three Financial years showing the annual turnover duly certified by a Chartered Accountant; (FY 2015-16, 2016-17 and 2017-18)

17.10.1 Audited Balance sheet of the Firm / Company /Society for the preceding three Financial years showing the annual turnover, duly certified by a Chartered Accountant; (FY 2015-16, 2016-17 and 2017-18)

17.11 An undertaking shall be submitted with the technical bid documents by the intending bidder that their firm/company/society has not been blacklisted by any Govt. Or Semi Govt. Organization in the last five years.

17.12 Certified copies of profit and loss statement and relevant audited balance sheets of last three financial years should be submitted with the tender documents.

17.13 The bidder should submit a partnership deed in case of a partnership firm, memorandum and article of association and certificate of registration in case of Private/Public limited company or registered society

17.14 No dues certificate in the form of an Affidavit on non judicial paper certifying that nothing is payable against the Bidder from any previous contract/agreement/work awarded by the AEES.

17.15 The bidders shall have to furnish an affidavit as under:

“I/We undertake and confirm that eligible similar work have not got executed through another contract on back to back basis. Further, that if such a violation comes to the notice of the AEES, then, I shall be debarred for bidding in AEES in the future, forever. Also, if such a violation comes to a notice to the AEES before date of start of work, the AEES shall be free to forfeit the entire amount of Earnest Money Deposit/Performance Bank Guarantee (Scanned copy to be uploaded at the time of submission of bid.)

17.16 Technical bids (**Annexure III**) along with the compliance sheet of technical specification as mentioned in **Annexure II(A), II(B), II(C)** and with necessary documents should be filled in all respect and each paper should be signed by the authorized representative and submitted to the Central Office , AEES.

17.17 The bidder has to submit a Bid letter as per format given in **Annexure III (A)**.

17.18 The bidder has to submit the Financial Information Summary of the Company/Agency/Organization as per format given in **Annexure III (B)**.

17.19 Details of multimedia based Educational Digital content already developed by the bidder for class I to XII as per CBSE and NCERT syllabus with work order for each contract as per format given in **Annexure III (C)**.

17.20 A list of OEM/Brand wise details of deliverables of Hardware supplied by the vendor may be submitted along-with the Technical bid as per format given in **Annexure III (D)**.

17.21 The bidder has to submit a Commitment letter for the support from the Principal manufacturer/OEM as per format given in **Annexure III (E)**.

17.22 The bidder has to submit an Authority letter for the supply of equipments from the Principal manufacturer of OEMs as per format given in **Annexure III (F)**.

17.23 The bidders should give an undertaking regarding acceptance of the implementation schedule and payment terms as mentioned in **Annexure- III (G)**. Any deviation in the implementation schedule shall make the tender liable for rejection.

17.24 Checklist of documents to be submitted in the first cover as per format given in **Annexure III (H)**.

17.25 The bidder has to submit financial bid format given in **Annexure IV**.

17.26 The bidder has to submit a consolidated cost sheet as per format given in **Annexure IV (A)**.

17.27 The bidder should be registered under Contract Labour Act 1970. The scanned copy of latest license from Labour Commissioner to employ contract labour under Contract Labour Act may be submitted.

SECTION- IV

SCOPE OF WORK

1. The bidder is required to undertake the following **Scope of work for setting up 31 Smart Classrooms in 31 AEES Schools:-**

1.1 The bidder should ensure proper installation of the infrastructure of Smart Classrooms having a n Educational Digital Content in 31 Smart Classrooms in AEES Schools and the proper functioning of all the equipments. Head of the school concerned will certify the successful installation.

1.2 Supply, installation, commissioning and maintenance of infrastructure /equipments as per the Technical specification mentioned in **Annexure - II (A)**.

1.3 Provide, upload, maintenance and up gradation of Educational Digital Contents as per the syllabus of class I to XII including all the specifications mentioned in **Annexure – II (B)**.

1.4 Supply, installation and maintenance of the Educational Digital Content should be as per the subject, class, syllabus and medium as stated in **Annexure II (C)**. Provide Educational Digital Respective state Board contents for other major/elective subjects, as specified by CBSE for class XI and XII, whenever the same are introduced in AEES schools during the period of the contract without any extra cost.

1.5 Provide training on usage of supplied Educational Digital Content, operations of all the hardware installed in the schools to all the subject teachers at the concerned schools and also provide subsequent refreshers training as and when required as per the following details:

Details of Training for the adoption of smart education

Training for all the courses [as specified in **Annexure II (C)**] to the teachers in each school needs to be provided by the bidder. Teachers who will undertake the training will be selected by the Principal of the respective school.

1.6 All equipments of the Smart Classrooms shall be delivered and installed at location/site of 31 AEES Schools located all over India. The list of schools containing details of Locations is given at **Annexure I**.

1.7 The list of school wise requirement is given in **Annexure I**.

1.8 The Bidder shall bear all the costs for the supply, installation and maintenance to respective locations.

1.9 All the equipments should be labeled with a permanent sticker (i.e. screen printing, etc.) with logo of 'AEES' for easy identification. The monogram will be made available to the successful bidder.

1.10 The bidder shall provide spares and necessary support to AEES, on technical issues for all hardware equipments. These include full guarantee as well as warranty for three years & also quote the rate of comprehensive maintenance (with all spares) for succeeding two years.

1.11 The equipment & peripherals must be supported for perfect installation at the delivery site & the bidder should indicate the proposed arrangement / spare parts stocking for providing high quality services.

1.12 The successful bidder will maintain atleast 2% spare parts at the designated AEES School or site so that the parts can be replaced immediately.

1.13 The successful bidder shall have to supply all necessary accessories along with the supplied goods viz. appropriate cable, power supply cords/wires/cables etc. and appropriate licenses, device drivers and documentation that may be required, whether mentioned or not mentioned in the tender, for successful acceptance of the quoted product by AEES.

1.14 The bidder must have the full licensed rights of the software nationally as well as internationally of all software/operating systems developed and /or supplied to the AEES through this tender.

1.15 THE SPECIFICATIONS OF THE MODULE OF THE EDUCATIONAL DIGITAL CONTENT & SOFTWARE OF THE SMART CLASSROOMS (MULTIMEDIA BASED EDUCATIONAL CONTENT):

The bidder shall supply the module of the multimedia educational digital content having the features and activities indicated below:

1.15.1 Understanding the requirement for developing and installation of customized Computer aided teaching and Computer Aided Learning product.

1.15.2 Concepts should be explained through good and effective graphics, and animations based on imaginative analogies.

1.15.3 Conceptualizing the multimedia content based on story lines, minimum 2D animation, interactive games, live coverage, real life examples, music and riddles having good voice over etc.

1.15.4 The multimedia educational content should be categorized class wise and subject wise.

1.15.5 The bidder will also provide multimedia educational content usage utility software in order to access the exact usage of content in each Smart

Classroom. The utility software should generate subject wise, class wise and teacher wise usage report of each topic taught in the Smart Classroom.

1.15.6 Relevant manual pertaining to the academic/administration, etc. will have to be provided to each of the school. Two copies of the same have to be provided at the Central Office of the AEES, Mumbai.

1.15.7 The bidder has to consult the syllabus and books prescribed by the Board as stated in column 5 of **Annexure II (C)** .

1.15.8 The bidder has to install the software/Educational Digital Contents in the standalone Smart Classroom CPU also so that the failure of the network does not affect the working of Smart classroom.

1.15.9 In case of any change in syllabus at any point of time during the contract period, the bidder has to supply Educational Digital Content on new topics incorporated, changed topics without any additional payment.

1.15.10 If any technical/operational defects are found in the Multimedia Educational Content at any point of time (during the period of the contract), the same will have to be rectified/replaced free of cost by the bidder.

1.15.11 The bidder is also bound to make the necessary modification in the Multimedia educational content as per the feedback received from the teachers throughout the contract period.

1.16 THE FEATURES OF SOFTWARE OF EDUCATIONAL DIGITAL CONTENT:

The software of the Educational Digital Contents should have the following features:

1.16.1 User Interface: The proposed system components should be simple, comprehensive, learner centric and easy to use.

1.16.2 GUI: The proposed solution should be based on graphical interpretation and windows architecture.

1.16.3 Learning Objective: The Multimedia content should meet out all the academic objectives in respect of all the multimedia educational content.

1.16.4 Interactive: Multimedia contents should provide many interactions during the use of the Multimedia Educational Content. There should have a facility whereby a teacher/student can stop at any point and restart after a pause from the same point in the topic. All modules should have pause, play, fast forward, index, assessment and rewind facilities.

1.16.5 Learning approaches: 2-3 different learning approaches should be used during the preparation of the contents.

1.16.6 Accuracy: The contents should be clearly represented, structured and accurate.

1.16.7 Accessibility: All contents should be accessible with good response time.

1.16.8 Other features: Quality of contents, innovation, instructional language of content, flow of logic, clarity and relevance of voice over, methodology, assessment, and examples etc.

1.16.9 Voice Over: The voice of Male and female experts to be used during recording.

1.17 TECHNICAL SPECIFICATION OF IT INFRASTRUCTURE REQUIREMENTS:

The bidder shall provide IT infrastructure (Client-Server model) having following accessories:-

1.17.1 COMPUTERS:

1.17.1.1 The Bidder is required to provide desktop computers for preparation of lecture (lesson plans) and other purposes, in each of the Smart Classrooms. The Bidder may note that the scope of work includes all services, i.e. Comprehensive 3 year Warranty/repair/maintenance/spares /instant replacement in case of break down/failure etc.

1.17.1.2 The detailS of technical specifications of Computers (PC) is given in **Annexure II (A)**.

1.17.2 INTERACTIVE WHITE BOARD/WHITE BOARD WITH INTERACTIVE DEVICE/WHITE BOARD WITH INTERACTIVE PROJECTOR:

1.17.2.1 The bidder has to provide an Interactive whiteboard/White Board with Interactive Device in each of the Smart Classrooms. This will be in addition to the traditional white board/green board already available in classes. However, in case, the traditional white board/green board requires modification/replacement that has to be done by the bidder.

1.17.2.2 The details of technical specification of Interactive Board is given in **Annexure – II (A)**.

1.17.3 PROJECTOR:

1.17.3.1 The Bidder has to provide an Ultra short throw, wall mounted Projector in each of the classrooms where Smart Classrooms are to be set up.

1.17.3.2 The details of technical specification of Projector is given in **Annexure – II (A)**.

1.17.4 SOUND SYSTEM/AUDIO SYSTEM:

1.17.4.1 The Bidder has to provide Sound System/ Audio System in each of the smart Classrooms.

1.17.4.2 The detail of technical specification of Sound System/Audio System is given in **Annexure – II (A)**

1.17.5 SERVER/ RESOURCE CENTRE & ITS NETWORKING TO THE CLASSROOMS:

1.17.5.1 The successful bidder should provide and set up a server in the computer Lab, in which all the Educational Digital Contents, to be used for teaching & reference purpose by teacher, will be downloaded /installed by the company.

1.17.5.2 The provision of network would be for the following purpose:

1.17.5.2.1 To connect Smart Classrooms to the server.

1.15.5.2.2 To connect computers to server, to be used by teachers for lecture preparation.

1.17.5.2.3 The cost of all the necessary hardware for networking i.e. CAT 6 cables, switches would be borne by the bidder.

1.17.5.2.4 No assistance would be provided by the AEES, in case of any technical difficulty arises in the installation & operation of network. It is the responsibility of the successful bidder to provide, install and make functional the complete network required for successful running of the Digital contents in all the class rooms proposed in this tender.

1.17.5.2.5 The cabling and ducting for the cabling will be done by the bidder in such a way that it should give an aesthetic look.

1.17.5.3 The details of technical specification of Server and networking is given in **Annexure – II (A)**.

1.17.6 ELECTRICAL WIRING AND EQUIPMENTS:

1.17.6.1 The bidder has to undertake electrical wiring (of ISI marked & branded) for all electrical and IT equipments like PCs, Server and UPS etc. in 31 AEES Schools.

1.17.6.2 Electrical wiring would also include proper earthing arrangements.

1.17.6.3. Wiring (All equipments/ appliances /fittings should be ISI/ISO certified)

1.17.6.4 The electrical wiring and ducting for the electrical wiring will be done by the bidder in such a way that it should give an aesthetic look.

1.17.7. CABINET FOR SAFETY OF THE EQUIPMENTS:

The successful bidder will have to provide a cabinet/podium with the metallic arrangement in such a way that the teacher may be able to work on the desktop computer. It should have the robust locking system for safety of the PC and UPS. The entire system shall be placed in a single cabinet with floor bearing and floor supported to keep it strong and stable. The tray for the keyboard and mouse is placed high enough for the teachers to reach in ease. The cabinet shall be such that all hardware is placed in it with hidden speaker system, concealed wiring as indicated at **Annexure VII**.

1.17.8. CIVIL WORK:

All civil work during the installation of Smart Board and White Board along with the Projector and sound system, Cabinet containing PC and UPS and during networking will be carried out by the bidder in such a manner that it should match with the existing civil work of the classes.

2. TRAINING OF TEACHERS AND OTHER STAFF

2.1 The bidder will train teachers on usage and integration of multimedia educational content in the lesson plans. Due attention should be given to the following aspects during the training:

2.1.1 Proper proposal including curriculum for the training will be designed and submitted by the successful bidder at the time of signing of agreement and duly approved by AEES.

2.1.2 There should be special emphasis on practical training, operating the System for the use of multimedia educational content as per details given in para 1.5 above.

2.1.3 The cost of training and other expenses relating to the training, if any, will be borne by the successful bidder and AEES will not bear the training cost in any manner.

3. COMPREHENSIVE WARRANTY:

3.1 The period of onsite comprehensive warranty will be three years, and will start from the date of successful commissioning & functioning of the project, as specified in the Special Conditions of Contract (**SECTION – VII**).

3.2 During the warranty period of the products given by the successful bidder, the bidder shall give 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 bidder shall be responsible for any defects that may develop

under the conditions provided by the bidder 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 tenderer.

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

3.4 Under the comprehensive warranty, the bidder has to manage and maintain in working condition the complete Smart Classrooms covering hardware, software, Educational Digital Content and necessary infrastructure like UPS, Cabinet, server, networking etc. for the entire contract period.

4. MONITORING SYSTEM :-

4.1. A **Project Monitoring Unit (PMU)** will be setup in the AEES for monitoring of the Project to make it successful and sustainable and to ensure that the Smart Classes are used by the teachers and the students regularly in a meaningful way.

4.2. SECRETARY, AEES shall act as the nodal officer of the PMU for the project for the purpose of overall monitoring of the project.

4.3 Head of the school concerned or his nominee will act as Assistant Nodal Officer (ANO) to ensure that the smart classes are used regularly in a meaningful way by the teachers and the students of the school concerned, the proper stock entry has been completed in all respect, check the functional status of all hardware and allied accessories during the contract period, ensure that the complaints regarding the defects has been logged in the complaint register and penalty has been imposed.

5. ROLES AND RESPONSIBILITIES OF ALL THE STAKEHOLDERS:

5.1 The duties and responsibilities of successful bidder & representative of designated school.

Sl.NO	DUTIES & RESPONSIBILITY	STAKEHOLDERS
1.	Selection of Classrooms in 31 AEES Schools	Head of School (HoS) of the School concerned
2.	Modification to be done in the classroom for successful installation of hardware equipments in the Smart Classrooms	Successful bidder under the supervision of Head of School (HoS) of the School concerned.
3.	Installation of the Smart Classroom System	Successful bidder under the supervision of Head of School (HoS) of the School concerned.
4.	Training of all concerned Teachers for effective use of Smart Classroom System	Successful bidder under the supervision of Head of School (HoS) of the School concerned.

5.	Uploading and Updating of learning content and other features	Successful bidder under the supervision of Head of School (HoS) of the School concerned.
6.	Maintenance	Successful bidder under the supervision of Head of School (HoS) of the School concerned.
7.	All the expenditure of any change/replacement Expenses/Cartage of supplied equipments	Successful bidder
8.	The safety of the equipments & maintaining of stock register	Head of School (HoS) of the School concerned
9.	The digital Contents should be well understandable & comprehensive to the students of our schools and also should according to the syllabus of each subject.	Successful bidder under the supervision of Head of School (HoS) of the School concerned. (AEES reserves the right to constitute a sub- committee to assess the level of digital Contents prepared and delivered by the successful bidder)
10.	Smart Classrooms should be switched on at least once in a week for about 3 hours so that the batteries may not deep discharge.	Head of School (HoS) of the School concerned.
11.	The usage of these Smart Class rooms must be mentioned in Time table. He will ensure the usage of these smart class rooms.	Head of School (HoS) of the School concern.

SECTION- V

ELIGIBILITY CRITERIA AND ESSENTIAL PRE-REQUISITES

The bidding firm should comply with the following eligibility criteria. In case the bidder fails to qualify in any of the following criteria, the bidder will not be considered for Technical Evaluation.:-

Eligibility Criteria for each bidder

1. Reputed and experienced Indian companies who have adequate and sound knowledge of developing Educational Digital Content, setting up of Smart Classrooms, supply of IT infrastructure and have installed their Smart Classroom products in Govt. & Govt. Aided schools/Institutes & private schools/Institutes during the last seven (07) years.
2. The bidding firm should have the experience of the following work :-
One Similar work of not less than 80% of the total work in last 1 year ending on the last day of the month previous to the one in which the tenders are invited.
3. If the applicant is a 100% subsidiary of any legal entity, then the financial and technical capabilities of the such parent legal entity may be considered for the purpose of Clause 2 and 3 above.
4. The bidder should have the self-developed audio visual content using 2D, 3D animations and live video along-with virtual experiments, virtual activities and MIS reporting system as per CBSE syllabus from class I to XII. The firm must have the same experience of supplying their developed educational digital contents to the Smart Classrooms as per the work experience mentioned above.
5. All offered Digital contents should support seamless interoperability among all operating systems including windows, android and cloud based web applications. There should be no compatibility problem/issues among the supplied products, software and components etc. The bidders should submit an undertaking to this effect.
6. Certified copies of profit and loss statement and relevant audited balance sheets of last three financial years should be submitted with the tender documents.
7. The bidder firm has not been blacklisted by any Govt. or Semi Govt. organization in the last five years.
8. The bidder should have registered themselves with appropriate authority to comply with all social benefits legislation enacted by the Govt. for casual/contract viz., EPF Act, ESIC Act, Minimum Wages Act etc., failing which the candidature of the bidder will be rejected.
9. The bidder shall not be permitted to tender for works if his near relative is posted as an officer in any capacity in AEES.
10. Bank Solvency certificate of a Nationalized Bank/Scheduled Bank for a minimum 40% of estimated cost of work and should not be older than one year from the date of opening of tender.

The bidders successfully passing the aforementioned eligibility criteria will be called for presentation in front of the Technical Evaluation Committee. The bidders will then be judged based on the following technical evaluation criteria by the Technical evaluation committee based on the technical bids submitted as well as during their presentation in front of the committee:

Criteria	Total Marks
Number of classes where the shortlisted Bidder have carried out similar work >40 and <= 75 classrooms: 10 marks >75 and <= 100 classrooms: 15 marks >100: 20 marks	20
Desired learning outcomes are clearly stated and meets the scope of work	10
Coverage/scope of the contents is as per the syllabus mentioned in Annexure II (C) and is sufficient & easy to understand	10
Content is accurate, factual and covers minimum time duration	10
The content is interactive, user friendly structured & easy to access	10
Level of innovations used in the learning styles/approaches in the content	10
Extensiveness of the training plan presented by the bidders including the qualification of the trainers	15
Learning analytics of the MIS system covered in the content	15
Total	100

The financial bid of only those bidders will be opened who score 70 or more marks in technical evaluation. The bidder will quote for the entire scope of work mentioned in this tender document.

The bidder who quoted the lowest rate (L1) will be awarded with the work.

SECTION – VI

GENERAL TERMS & CONDITIONS

Note: Bidders must read these conditions carefully and comply strictly while submitting their bids.

1. THE BIDDER IS EXPECTED TO READ ALL INSTRUCTIONS: forms, terms, and specifications in the bidding documents. Failure to furnish all information required in the bidding documents or submitting a Bid not substantially responsive to the bidding documents in any respect may result in the rejection of the Bid. The site will be AEES Schools under AEES.

2. THE BIDDER SHALL BEAR ALL THE COSTS: associated with the preparation and submission of its bid, and AEES in no case will be responsible or liable for these costs, regardless of conduct or outcome of bidding process. The rate quoted will have the validity of 36 months from the date of signing of the contract and no escalation to the rates quoted shall be permitted.

3. PROFESSIONAL EXCELLENCE AND ETHICS: Tendering Authority requires that all Bidders participating in this Bid adhere to the highest ethical standards, both during the selection process and throughout the execution of the contract.

4. CURRENCY OF FINANCIAL PROPOSAL: shall be made in Indian Rupees only.

5. FAILURE OF THE SUCCESSFUL BIDDER: to comply with all the requirements shall constitute sufficient grounds for the annulment of the award, in which event the AEES may make the award to the next lowest evaluated bidder or call for new bids.

6. AEES RIGHT TO INCREASE/DECREASE THE QUANTITY REQUIREMENT:

AEES reserves the right to vary the quantity (upto +/- 20%) within validity of the contract without any change in price or other terms and conditions with commensurate increase or decrease in delivery period or may place order in phases.

7. PERIOD OF CONTRACT:

7.1 The tender for establishing and maintaining smart classrooms in AEES shall be allotted for a period of 36 months (three years) from the date of commissioning & functioning of 31 Smart Classrooms in AEES Schools, for which an agreement with the successful bidder shall be signed as

per **Annexure-V** and the conditions described herein shall also be part of the agreement.

7.2 The successful bidder(s) shall execute an agreement/contract for the fulfilment of the contract on Rs.100/- non judicial stamp paper in the format enclosed, within ten days from the date of issuance of work award letter on acceptance of the tender.

7.3 The incidental expenses of execution of agreement/contract shall be borne by the successful bidder.

7.4 The conditions stipulated in the agreement/contract should be strictly adhered to and violation of any of these conditions will entail termination of the contract without prejudice to the rights of the AEES and forfeiture of security deposit with AEES.

8. SUBMISSION OF LETTER OF ACCEPTANCE:

8.1 The successful Bidder shall have to submit Letter of Acceptance within 07 working days, from the date of issuance of Letter of award. Thereafter, the letter of work award will be issued and the date of commencement shall be reckoned from date of handing over of letter of work award.

8.2 In case, the successful bidder fails to respond to the Letter of Award as well as fails to complete all the formalities for getting the project of Smart Classrooms in AEES School within 07 working days of the issue of Letter of Award, the offer may be withdrawn and in such case the earnest money shall stand forfeited.

9. ISSUANCE OF LETTER OF AWARD:

After approval of the tender from competent authority, Letter of Award will be issued to the successful Bidder on deposition of due Bank Guarantee as Performance Guarantee.

10. LIABILITY OF TAXES :

The successful bidder shall be fully liable to pay for all/any of the charges/fee/service tax/tax/cess levied by any statutory/government authority from time to time and that failure/inability to do so would ipso facto terminate this agreement with the forfeiture of security deposit and AEES shall not entertain any claim (s) in this regard.

11.MEANS OF COMMUNICATION:

11.1 That the parties to this agreement shall expressly communicate in writing as regards any change in/of address, constitution or otherwise at the address & manner of communication as set in this agreement. Such

communication shall be sent at the last recorded address of the Party concerned.

12. IMPORTANT INSTRUCTIONS REGARDING SECURITY DEPOSIT/ PERFORMANCE GUARANTEE

12.1 The successful bidder shall have to deposit Bank Guarantee equivalent to 10% of the tendered value by Demand Draft of a Nationalized / Scheduled bank issued in favour of “Atomic Energy Education Society” payable at Mumbai within 7 working days of issue of letter of award.

12.2 The bidder has to submit bank guarantee bond on letter of Award on Non-Judicial stamp paper of Rs.100/-. This shall be released after successful completion of the term of the Contract Period.

12.3 Performance Bank Guarantee shall be valid for 180 days beyond the term of the concession Agreement. The Performance Guarantee shall contain a claim period of three months from the last date of validity.

12.4 The Bank Guarantee will be released to the bidding firm upon issue of Certificate of Satisfaction by the SECRETARY, AEES.

12.5 The Bank Guarantee shall be invoked by SECRETARY, AEES in case of deficiency in services provided by the companies.

13. TECHNICAL BID SUBMISSION:

All the forms available in the tender document needs to be filled in properly and scanned copies of all the documents are required to be uploaded online at <https://aees.gov.in> in the required format and each document should be legible / clearly visible.

13.1 Tender Bids not containing or not accompanied by the aforesaid documents and those mentioned below would not be considered and would be rejected out rightly.

13.2 The following documents should be submitted online:

13.2.1 Demand draft in respect of Earnest Money Deposit (EMD) from any nationalized/Scheduled Bank drawn in favour of “Atomic Energy Education Society” payable at Mumbai.

(Note: Original Demand draft in respect of Earnest Money Deposit (EMD) should be submitted physically in tender box kept in the office of the Chief Administrative Officer, AEES, Anushaktinagar, Mumbai-400094, latest by 3.00PM on 22.06.2018

13.2.2 Technical bids (**Annexure III**) along with necessary documents should be filled in all respect and each paper should be signed by the authorized representative and submitted to the aforesaid address.

13.2.3 Permanent Account No (PAN) of the Bidding firm.

13.2.4 Self attested copy of sales/GST registration and sales/GST return filed in last three years.

13.2.5 Self attested copy of certificate that the upto date Income Tax Returns have been filed.

13.2.6 Self attested documentary evidence of (a) the Proof of Residence of the Bidder (in case of Proprietor/Partnership Firm (b) Proof of Registered Office of the Company and Residential Address of the Director/Authorised Representative (in case of Bidder being a Company) (c) Proof of Registered office of the Society and Residence of President/Secretary (in case Bidder being a Society) as well as Proof of the Address of the Office of the Bidder Firm/Company/Society.

13.2.7 Self attested copy of bank statement indicating name of the Bank and Account No. of the Bidder Firm/Company/Society.

13.2.8 The bidders should give their acceptance of the implementation schedule in the prescribed form enclosed with Technical Bid. Any deviation in the implementation schedule shall make the tender liable for rejection.

13.2.9 Details of multimedia based Educational Digital content already developed by the bidder.

13.2.10. Technical bid will be opened first and only if it is found complete in all respect, the successful bidders in Technical bid will be called for the presentation. After that, the financial bid would be opened. The decision of the AEES shall be final and binding. No claim whatsoever in this regard shall be entertained.

13.3 FINANCIAL BID: The Bidders need to submit their financial bid in the specified format given in **Annexure-IV**.

13.3.1 An Agreement for setting up 31 Smart classrooms in AEES Schools as per the draft at **Annexure -V** is to be executed by the successful bidder.

13.3.2 The Bank Guarantee format is enclosed as **Annexure-VI**.

13.3.3 All bidders must note that the EMD and all other documents have to be submitted in the Central Office, AEES on or before the due date and time.

13.3.4 The instructions mentioned herein shall be part of the tender agreement to be signed by the successful bidder and to be annexed with the agreement copy.

13.4 BID VALIDITY: The bid offered shall be valid for a period of 180 Days from opening of the technical bid.

13.4.1 The Original documents of all the scanned copies to be submitted whenever asked by AEES.

14. IMPLEMENTATION SCHEDULE:

Sl. No.	Completion of work upto the satisfaction of AEES	Timelines
1.	Signing of Contract	Within 15 days of the issuance of letter of work award
2.	Establishment of 15 smart classrooms.	60 days from the date of signing of contract
3.	Establishment of 30 smart classrooms.	120 days from the date of signing of contract

15. PAYMENT TERMS:

15.1 100% payment of Hardware cost will be released after successful supply, installation and commissioning of the Hardware required for the Smart Classrooms after deduction of applicable **TDS/VAT/Education Cess taxes/GST etc.**

15.2 The payment for the educational digital contents and IT (Resource Persons) will be released on half yearly basis.

15.3 Performance Bank Guarantee of equivalent amount valid upto the tenure of the contract i.e. three years.

15.4 On completion of the complete tenure of the project & issue of certificate of satisfaction by AEES, the bank guarantee will be released as per the agreement.

15.5 The supplier shall be entirely responsible for all taxes, duties, license fee etc. All custom duties and levies, payable on components, raw materials and any other items used for their consumption or dispatched directly to the AEES from their Sub-Supplier shall deemed to be included in the contract price and any such taxes, duties and levies additionally payable will be to the supplier's account and no separate claim on this behalf will be entertained by the AEES.

15.6 The payments shall be made after deducting all penalties imposed on the bidder.

16. PROVISIONS FOR UNSATISFACTORY SERVICES:

If services of bidder are not found satisfactory, at any stage during the period of contract, in such situations the firm shall be bound to remove the deficiencies at its own cost within the time period fixed by AEES. In case the firm is not able to remove and rectify the deficiencies within the given time period, the AEES will be competent to impose the penalty provisions stated in this tender document.

17. WORK COMPLETION AND LIQUIDATED DAMAGE:

17.1 If any part of the service in respect of the work assigned and undertaken by the successful bidder for which this contract is being entered into is not rendered or delivered in time, AEES shall be entitled to levy and recover Liquidated damages/penalty @0.5% per week or part there of the delay subject to a maximum of 10% of the cost of the **work delayed**. This will be based on Clause No.15.

17.2 Liquidated damages will be recovered from the Bank Guarantee or from any sum that may become due to the companies out of this contractor any other contract with Secretary, AEES.

18. LIABILITY

18.1 In case of a default on contractor's part or other liability, AEES shall be entitled to recover damages from contractor. In each such instance, regardless of the basis on which AEES is entitled to claim damages from contractor (including fundamental breach, negligence, misrepresentation, or other contractor to claim), the companies shall be liable for not more than payments referred to in the Patents and Copyrights SECTION below:

18.1.1. Liability for bodily injury (including death) or damage to real property and tangible personal property limited to that caused by contractor's negligence; and

18.1.2 As to any other actual damage arising in any situation involving non-performance by contract or pursuant to or in any way related to the subject of this Agreement, the charge paid by AEES for the individual product or service that is the subject of the claim.

18.1.3 The successful bidder will be liable for licensing fee of operating system like Windows, Annotation Software, Antivirus and other software required for functioning of the Smart classrooms.

19. DISPUTES AND ARBITRATION

In case of any dispute or differences, breach and violation relating to the terms of this agreement, the said dispute or difference shall be referred to the sole arbitrator, as appointed by the Secretary, AEES under whose jurisdiction AEES falls. The award of the arbitrator shall be final and binding on both the parties.

20. FALSE INFORMATION

20.1 In the event of furnishing false/incorrect information by the tenderer, the EMD in respect such tenderer shall be forfeited. Further during the performance of the contract if it is detected that the contract has been obtained by furnishing false/incorrect information in the tender, the contract is liable to be terminated & performance security & other payments due to the service provider shall be forfeited & the service provider is liable to be blacklisted for a period up to three years.

20.2 If the successful bidders fails to sign the contract within stipulated time or after signing the contract fails to perform any contractual obligation, his security deposit mentioned above will be forfeited, and depending upon the gravity of violation/omission the service provider is liable to be blacklisted for a period up to three years.

21. FORCE MAJEURE:

21.1 If at any time, during the continuance of this contract, the performance in whole or in part by either party of any obligation under this contract be prevented or delayed by reason of:

21.1.1. Any war or hostility

21.1.2. Acts of public enemy, civil commotion, sabotage, explosions

21.1.3. Effects of flood, epidemics, quarantine restrictions, freight embargoes general strikes, bandhs

21.1.4. Acts of God

21.2 Hereinafter referred to as EVENT, neither party shall, by reason of such EVENT, be entitled to terminate this contract, nor shall any party have any claim to the damages against the other in respect of such non-performance or delay in performance, provided that notice of happening, of any such EVENT is given by either party to the other within 7(Seven) days from the date of occurrence of the EVENT.

21.3 Unless otherwise directed by the SECRETARY, AEES in writing, the companies shall continue to perform its obligations under the contract as far as reasonably practicable and shall seek all reasonable alternative means for performance not prevented by the Force majeure EVENT.

21.4 Expected work and deliveries under this contract shall resume as soon as practicable after such EVENT comes to an end or ceases to exist.

21.5 If the performance in whole or part of any obligation under this contract is prevented or delayed by reason of any such EVENT for a period exceeding 90 (ninety) days, the SECRETARY, AEES may at his option, terminate this contract.

21.6 In Case of termination of contract due to force majeure event, AEES would not pay any amount to the bidder.

22. PENALTY:

22.1 Penalty for non-commencement of installation in time:

In the event of the successful bidder not starting the job of preparing the Smart classrooms & installing the Hardware of Smart classrooms within 3 weeks of time after signing the agreement, the Earnest money/Security deposit, deposited by the companies shall be forfeited. (As per the implementation Schedule)

22.2 Penalty for delay in execution of scheme:

22.2.1 If the installation and commissioning of the system is not completed in full within the stipulated period as prescribed in the implementation schedule, a penalty at the rate of 0.5% per week with the maximum of 10% of the total value for the amount of contract will be levied for a maximum period of 5 weeks in the extreme circumstances apart from the minor penalty provision stated below:

“If the successful bidder fails to perform as per the agreement, a penalty of Rs. 500/- per day per class will be imposed and the continuance of non-performance for more than 20 classes continuously for 3 or more days, the extreme penalty @ of 0.5% per week with the maximum of 5% of the total value for the amount of contract will be levied for a maximum period of 5 weeks. This penalty provision will also be applicable during the AMC period.”

22.3 Penalty for failure of equipment(s):

22.3.1 No computer system (CPU, monitor, keyboard, mouse, speakers, UPS) or ultra short throw Projector or Interactive White Board or Integrated Computer Projector, in the smart classrooms and elsewhere shall be down for more than 24 hours continuously from the date of the lodging of complaint (even if computer system/ Projector/Interactive board is down during part of a calendar day, it will be counted as one calendar day). For downtime beyond 24 hours, the penalties will be imposed as under:-

No. of working Day in which system is not working	Penalty Amount for per class per day
01-02	Rs. 500/-
03-05	Rs. 1000/-
06-15	Rs. 1500/-

22.3.2 The following penalty will be imposed for the non working of the networking, if the problem is not rectified within 24 hours from the lodging of the complaint. The penalty will be counted from day one and will be calculated as under:-

No. of working Day in which system is not working	Penalty Amount for per School per day
01-02	Rs. 500/-
03-05	Rs. 1000/-
06-15	Rs. 1500/-

22.3.3. The following penalty will be imposed for the non working of the Server, if the problem is not rectified within 24 hours from the lodging of the complaint. The penalty will be counted from day one and will be calculated as under:-

No. of working Day in which system is not working	Penalty Amount for per School per day
01-02	Rs. 500/-
03-05	Rs. 1000/-
06-15	Rs. 1500/-

22.3.4. The following penalty will be imposed if multimedia educational content remains non-functional for more than 24 hours from the lodging of the complaint. The penalty will be counted from day one and will be calculated as under:-

No. of working Day in which system is not working	Penalty Amount for per Class per day
01-02	Rs. 1000/-
03-05	Rs. 1500/-
06-15	Rs. 2000/-

22.3.5. The Penalty on multimedia educational content will be applicable only when Projector/system/Interactive White Board is operational and multimedia educational content is non-functional.

22.3.6. Even after 15 days, if the rectification does not take place and the problem still persists, the Principal of the concerned School, Resource person along-with Engineer of the service provider will check & verify the faulty component/ equipment/hardware and the successful bidder is liable to replace the component/ equipment/hardware of same or higher specifications & same brand, which should be compatible with the existing hardware/software. For the purpose a show cause notice will be issued to rectify the system in next 7 days otherwise the contract will be terminated and the security amount will be forfeited. During the period of show cause notice penalty @ Rs.5000 per day per class shall be imposed.

22.3.7 In case of loss or damage to the products & non-replacement of the same, the security money deposited by the companies will be forfeited by the AEES.

22.3.8 Penalty @ Rs 1000/- Per day will be imposed if IT Assistant cum Resource Person remains absent without written intimation.

22.3.9 If the bidder fails to conduct the training program of teachers as per the schedule, Penalty @ Rs 1000/- per day training per school will be imposed till the bidder conducts the training of teachers.

22.3.10 If the bidder fails to complete other liabilities covered under the scope of work in a school with in a stipulated period as mentioned in implementation schedule, the penalties will be imposed as under:-

No. of working Day	Penalty Amount for per Class per day
01-05	Rs. 1000/-
06-10	Rs. 1500/-
11-15	Rs. 2000/-

22.3.11 All the power point fittings need to be repaired/ replaced, as per the requirement which will arise during the contract period. During rectification/ repair of any equipment, the bidder will install a new equipment of same or higher configuration till the repaired equipment is received and installed. The bidder is allowed to take away the faulty equipment after replacement with a new one of same or higher configuration.

23. TERMINATION CLAUSE

23.1 TERMINATION OF CONTRACT FOR DEFAULT:

23.1.1 AEES without prejudice to any other remedy available for breach of contract, may terminate the contract in whole by a 15 (Fifteen) days notice in writing to the company in the event of any one or all of the following:

23.1.1.1 If the installation and commissioning is not completed within the implementation schedule given in the NIT, the contract may be terminated in part or whole at the risk and cost of the company.

23.1.1.2. If the firm fails to provide any one or all services as per this Contract, and fails to set right the disruption in service within the 30(thirty) days' notice period.

23.1.1.3. If the firm has engaged in corrupt or fraudulent practices in executing the Contract.

23.1.2. In the event of termination of the contract in part or in whole for default of the firm, AEES is entitled to forfeit the proportionate amount from the security deposits of the firm.

23.1.3. In case of termination of contract, entire infrastructure like instruction material, software, hardware, furniture and site installations etc. will become the property of the AEES. No compensation/payment of any kind shall be made to the bidder. Also the Performance Bank Guarantee submitted by the bidder will be invoked by the AEES.

24. TERMINATION FOR INSOLVENCY: If the bidder becomes bankrupt or is otherwise declared insolvent, then AEES may at any time terminate the contract by giving written notice of 30 (thirty) days to the bidder. Such termination shall not prejudice or preclude any right of the action or remedy, which has accrued or will accrue to the AEES and vice versa.

24.1. In case of the termination of the contract, no compensation shall be due to the bidder and the entire infrastructure like instruction material, software, hardware, furniture, books and site installations etc. would become the property of AEES.

SECTION- VII

SPECIAL TERMS & CONDITIONS:

- 1.** No commitment of any kind, contractual or otherwise shall exist unless and until a formal written contract has been executed by or on behalf of AEES. The AEES may cancel this tender or contract at any time prior to a formal written contract being executed by or on behalf of AEES.
- 2.** The bidder should give complete details of smart classroom infrastructure which will be delivered in schools which should be duly supported by documentary evidence from the heads of concerned schools.
- 3.** The bidder should submit a partnership deed in case of a partnership firm, memorandum and article of association and certificate of registration in case of Private/Public limited company or registered society.
- 4.** If L1 bidder refuses to accept the work order within 07 days from the date of issue of work order from AEES, the offer will be treated as withdrawn and the bidder's EMD will be forfeited, besides, debarring and blacklisting the bidder for at least three years, for further dealings with AEES.
- 5.** In case L1 bidder fails / is unable to deliver the project within delivery period or further in any specified period due to applicability of force majeure condition specified in **SECTION VI**, the work order/contract with L1 bidder will be terminated and no payment for any leftover/partial work will be paid by AEES. In such case, AEES may ask L2 bidder to execute the remaining work by matching the price of L1 bidder and undertaking by prospector bidders must be submitted in this regard in their technical bid.
- 6.** The Technical Evaluation Committee and also competent authority will have the right to inspect the centers of the bidder already in operation for verification purposes mentioned in the Technical Bid.
- 7.** The bidder should give complete details of digital contents delivered in schools which should be duly supported by documentary evidence from the heads of concerned schools as per Performa given in Technical Bid.
- 8.** The implementation schedule specified in the contract shall be strictly adhered to.
- 9.** The bidder shall impart digital content in English and Hindi both as the medium of the instruction as prescribed for the school concerned.
- 10.** Neither party can assign its rights or delegate its obligations under this Agreement without the prior written consent of the other party.

11. Services of the successful bidder regarding upgradation, grievance against complaint will be evaluated after every three months and report will be placed before the Competent Authority, AEES for information.

12. Review of teaching staff regarding digital contents will be collected after every three months and report will be placed before the Competent Authority, AEES for information.

13. The Earnest Money Deposit in respect of unsuccessful bidders will be refunded after the award of the work to the successful bidder.

14. The resource room must be available for inspection by the competent authority at all times.

15. No equipment shall be removed from the school premises by the successful bidder without the concurrence of the school Principal/Head in writing including for purposes of replacement of spares, etc.

16. Safety, security, maintenance & insurance of the equipment and infrastructure including cabinet installed at the school shall be responsibility of successful bidder during the implementation of the project. Thereafter, it will be the responsibility of the concerned HoS.

17. AEES reserves the right to change any terms and condition before award of the contract.

18. Curriculum for Digital Contents would be designed as per the syllabus CBSE/ NCERT as mentioned in **Annexure - II(C)**.

19. The successful bidder shall not change the legal entity of the company during the contract period without the permission of AEES. The bidder will submit the declaration (on affidavit) in this regard. If this is violated at any point of time during the currency of the contract, AEES reserves the right to cancel the agreement and the entire infrastructure installed in the School will become the property of the AEES and no payment due of any kind will be made to the bidder.

20. Any claim for remission on the basis of loss/harm to business interest on extraneous / unforeseen conditions / reasons whatsoever, shall be summarily rejected by the AEES without any kind of response to the successful bidder & the successful bidder shall not be entitled to make any claim / remission on that account.

21. The bidder must conduct survey of the existing processes and make independent evaluation of the scope of work. No bidder can hold the AEES responsible for non understanding / misunderstanding the scope of work. Bidders are free to visit the said school sites to understand the technicalities for implementation of above project.

22. Any equipment including hardware/ software's/ infrastructure once installed will become the property of AEES.

23. The bidders have to accept all technical/financial terms & conditions mentioned in the bid document. No conditional bid will be accepted. AEES however, reserves the right to reject any or all of the offers. The successful Bidder will provide onsite comprehensive warranty and support to 31 AEES schools, under AEES within 24 hours of placing of complaint of fault in the installed equipment / software provided by the bidder. Comprehensive warranty will also include cost of consumables like wires, batteries of UPS, Lamp of the Projector and any part of computer and server etc.

24. The Bidder shall bear all the cost and expenses associated with onsite warranty support to 31 AEES Schools under AEES.

25. If any technical/operational defects are found in the Educational Digital Contents at any point of time (during the period of contract), the same will have to be rectified/replaced free of cost by the bidder. The bidder is also bound to make the necessary modification in the Educational Digital Contents as per the feedback received from the teachers throughout the contract period.

26. All equipments once installed in smart classrooms will not be taken away by the bidder in any case. AEES has ownership rights on the entire infrastructure supplied and installed in the Classroom and Server which is placed in Computer Lab of the School.

27. The successful bidder shall be liable and responsible for any loss of life and / or physical harm and any type of misconduct to the students and Schools staff on account of negligence on the part of employees of the successful bidder during the installation and maintenance of the Smart Classrooms. (The employees of the bidder should be of the high integrity and moral value).

28. Support services from the selected agency/firm/company would be required to Smart classrooms items on regular basis to AEES on all working days between 0730 Hrs to 1430 Hrs. No separate charges for delivery of goods would be paid by the office. AEES empowers the Principals to change the working hours with prior information to the service provider.

29. The successful bidder shall not cause any damage to the AEES property i.e. AEES school either by himself or through his employees. The successful bidder shall repair immediately, at his own cost, the damages that may have been caused to the school wall / boundary / gate / advertisements etc. as a result of negligence during the establishment of Smart Classrooms. The decision of AEES will be final and binding upon the

successful bidder with regard to liability and quantum of damages to be paid by him.

30. The Successful bidder shall not cause any interference/hindrance to any activity of the AEES or any government authority at the School Site in regards to the laying of pipe/conduit/cable etc. and it shall be the responsibility of the Successful bidder to pursue the matter regarding its repair with the concerned authority so that no inconvenience is caused to the Public.

31. The successful bidder has to confirm to the supply, installation, commissioning of the hardware, software, educational digital content, training to teachers and comprehensive onsite warranty and further technical specification given in the **Annexure II (A), II (B), II (C)** and other terms & conditions mentioned in the tender document

LIST OF SCHOOLS FOR ESTABLISHING SMART CLASSROOMS

Sl. No.	NAME OF THE SCHOOLS	SMART CLASSROOM FULL SET
1.	AECS-1, Mumbai	1
2.	AECS-2, Mumbai	1
3.	AECS-3, Mumbai	1
4.	AECS-4, Mumbai	1
5.	AECS-5, Mumbai	1
6.	AECS-6, Mumbai	1
7.	AEJC, Mumbai	1
8.	AECS-1, Tarapur	1
9.	AECS-2, Tarapur	1
10.	AECS-3, Tarapur	1
11.	AECS, Kakrapar	1
12.	AECS-2, Rawatbhata	1
13.	AECS-3, Rawatbhata	1
14.	AECS-4, Rawatbhata	1
15.	AECS, Narora	1
16.	AECS-1, Jaduguda	1
17.	AECS-2, Jaduguda	1
18.	AECS, Narwapahar	1
19.	AECS, Turamdih	1
20.	AECS, Oscom	1
21.	AECS, Indore	1
22.	AECS-1, Hyderabad	1
23.	AECS-2, Hyderabad	1

24.	AECS, Manuguru	1
25.	AECS, Mysore	1
26.	AECS, Kaiga	1
27.	AECS-1, Kalpakkam	1
28.	AECS-2, Kalpakkam	1
29.	AECS, Anupuram	1
30.	AECS, Kudankulam	1
31.	AECS Pazhyakayal	1
	Total	31

TECHNICAL SPECIFICATIONS OF IT INFRASTRUCTURE

1. (a)	DESKTOP COMPUTERS FOR CLASS ROOMS/RESOURCE ROOM	
CPU:	The System with Intel Core i-5, 3.2 GHz, 6MB Cache	
Chipset:	Intel Q8 Series	
Memory:	4GB 1600 MHz DDR3 RAM(Expandable up to 32GB)	
Hard Drive:	500 GB 7200 rpm or higher	
Ports:	6 USB ports or more (at least 2 USB with 3.0), 1 Display Port/VGA port, audio ports for microphone and headphone in front.	
Cabinet :	Mini Tower	
DVD ROM Drive:	8x or better DVD RW Drive	
Network Port:	10/100/1000 on board integrated Network Port with remote booting facility remote system installation, remote wake up, TPM enabled 1.2 chip using any standard management software	
Operating System:	Windows 10 and above	
Graphic Card :	SMART Integrated Intel extreme graphics on M/B/ on board graphics	
Monitor	18.5' LED backlit display Digital colour monitor TC-05 Certified, same company brand as that of PC.	
Keyboard	104 Keys OEM English Keyboard (it must have soft keys), same brand as that of PC	
Mouse	Optical Mouse with USB interface and of brand as that of PC.	
Anti- Virus	Latest Anti-virus Software Preferred Brands : Quick Heal, Total Security, Kaspersky, McAfee, License for the period of three years	
Warranty	Comprehensive warranty for 3 years	
Make of PC	Dell/HP /Lenovo/HCL	
1. (b)	UPS	
UPS	1 KVA, Internal double battery, Backup 10-15 minute, input voltage: 160-280V	
1. (c)	METALLIC CABINET/PODIUM/OTHER ARRANGEMENT	
Metallic Cabinet/Podium/other arrangement	Podium with lockable housing facility for the keep and safety of the desktop/ CPU /UPS /Keyboard /Mouse/remote/stylus. The entire system shall be placed in a single cabinet with floor bearing and floor supported to	

	keep it strong and stable. The tray for the keyboard and mouse is placed high enough for the teachers to reach in ease. The cabinet shall be such that all hardware is placed in it with hidden speaker system, concealed wiring as indicated at Annexure VIII.
2.	NETWORKING SPECIFICATION
LAN Equipment	24 Port Smart Switch with loop back detection, 24 x 1 CAT6 Patch Panel, RJ-45 connector, I/O box, Necessary electrical items and cables to connect and access device/terminal to desktop computer as per requirement.
Make of 24 Port Smart Switch	D-Link/DAX/Cisco/HP/HCL
3.	AUDIO SYSTEM
Description	4.1 Digital Surround system (wall mounted)
Make of Audio system	Sony/Phillips/i-ball or similar meets with above mentioned specification
4.	INTERACTIVE WHITE BOARD/WHITE BOARD WITH INTERACTIVE DEVICE/WHITE BOARD WITH INTERACTIVE PROJECTOR (With Mounting Kit)
Active Size	Minimum 77/78" diagonal or above
Technology	Infrared or latest technology*
Board surface	Scratch resistant, Solid surface ; maintenance free, Compatible with ink marker, any object touch
Aspect Ratio	4:3 or 16:9 or 16:10
Writing Tools	Pen/ stylus/ finger
Active Area	Minimum active diagonal length of 2000 mm
Resolution	8000*8000
Operating system compatibility	Compatible with Windows XP or higher operating system and compatibility with Linux Operating System*
Computer Interface	Standard one USB
Power	Through USB Port*
Annotation software	Annotation software shall include features like draw, pens, annotate, erase, colour, shapes, sizes, text, edit, fonts, stamp, move, capture picture, video, save, rotate, undo, image gallery, print, floating keyboard and background etc.*
Warranty	Comprehensive onsite warranty for 3 years
Make of Interactive Board	Panasonic/Hitachi/Promethean/Smart*
*For Interactive Board	
5.	SERVER
CPU	Intel Core i7-4770, 3.4 GHz, 8 MB Cache or its higher version or Equivalent rolled over Next Generation Processor. (to be supplied with two processor as standard)
Chipset	Intel Q8 Series or better compatible with CPU.
Motherboard	OEM / Intel Original Motherboard.

Memory	8 GB 1600 MHz DDR3 RAM(Expandable up to 32GB)
Hard Disk Drive	2 TB
Video Controller	To support VGA or above resolution
Keyboard	104 Keys OEM English Keyboard (it must have soft keys), same brand as that of PC
Mouse	Optical Mouse with USB interface and of brand as that of PC.
Ports	6 USB ports or more (at least 2 USB with 3.0), 1 Display Port/VGA port, audio ports for microphone and headphone in front.
Cabinet	Mini Tower
OPERATING SYSTEM	Windows 8.1, professional or higher/Linux preloaded, as specified with media and Documentation and Certificate of Authenticity
DVD ROM	Support 8x or better DVD ROM Drive
Networking	10/100/1000 on board integrated Network Port with remote booting facility remote system installation, remote wake up, TPM enabled 1.2 chip using any standard management software
Power Management	tracking and security management, remote wake up Screen blanking, hard disk and system idle mode in power on, set up password, power supply surge
Monitor	18.5' LED backlit display Digital colour monitor TC-05 Certified, same company brand as that of PC.
UPS	1 KVA, Internal double battery, Backup 10-15 minute, input voltage: 160-280V
Warranty	Comprehensive onsite warranty for three years
Anti-virus	For a period of three years
Quantity	30 Numbers
Make of server	Dell/HP/ Lenovo
6.	PROJECTOR SYSTEM (ULTRA SHORT THROW INCLUDING INTERACTIVE PROJECTOR)
Projection System	DLP
Native Resolution	WXGA(1280X800)
Brightness	2700 AL or higher
Contrast Ratio	10000:1
Aspect Ratio	4:3, 16:9, 16:10 and other prominent Aspect Ratios
Lamp Life(Normal/Econo)	3500/5000 Hrs.
Remote Control	Full Function remote control unit for projector (To be supplied along with the projector)
Video compatibility	PAL, SECAM, NTSC, HDTV, DTV.
Wireless Connectivity, storage and LAN	Multimedia Projector with wireless connectivity between PC and Projector, Storage media port and wireless LAN connectivity
Warranty	Comprehensive onsite warranty for three years
Make of Projectors	Dell/ BenQ/Canon/Epson/Casio

Annexure - II (B)

	SPECIFICATION OF EDUCATIONAL DIGITAL CONTENTS
1.	Operating System : Software compatible with Windows
2.	Contents are mapped as per CBSE/NCERT Curriculum for class I to XII. Contents should be available in English as well as Hindi
3.	The multimedia educational contents should be mapped as per class wise, subject wise, chapter wise and topic wise.
4.	Standard lesson plans as per the CBSE & NCERT syllabus for class I to VIII and as per CBSE & NCERT Curriculum for class XI to XII. Facility to customized lesson plans by the teacher.
5.	Size of font for easy viewing from back benches and quality of audible voice should be sound.
6.	A blend of Videos, Interactive material, pictures, flowcharts and text that unfolds all the concepts in a layered, structured and hierarchical format.
7.	Inclusion of multimedia content based on story lines, minimum 2D animation, interactive games, live coverage, real life examples, music and riddles etc.
8.	Facility to incorporate own multimedia contents and contents from other resources like Computer Aided Learning (CAL), Directorate Of Education.
9.	Provision to incorporate E-books especially of CBSE/NCERT.
10.	Availability of virtual lab.
11.	Gallery/Galleries of well-known websites.
12.	CBSE/NCERT specific MCQs, Quizzes, Chapter wise Question with answer, Higher order Thinking based questions (HOTs), Model Summative Assessment question papers and Value based Question(VBQ)
13.	Facility to change platform of digital contents from English to Hindi and vice versa.
14.	Facility to generate administrative reports as regard usage of software by the individuals in the smart classroom; preferred: subject wise, class wise and teacher wise usage report and printable thereof.
15.	There should be proper security features to protect the system from misuse within the class and online
16.	Support Manual (to include Installation academic content, Administration Manual and operational, instructional User Reference etc.) in English/Hindi.
17.	CBSE Question Paper of last 10 years should be incorporated.
18.	Educational digital content should be as per Subjects, Medium and syllabus as stated in table in Annexure- II (C).

Annexure - II (C)**SUPPLY & INSTALLATION OF DIGITAL CONTENTS AND SOFTWARE FOR THE SMART CLASSROOMS WILL BE BASED ON THE SYLLABUS AND LANGUAGES MENTIONED BELOW:**

Sl. No .	SUBJECT	CLASS	LANGUAGE/ MEDIUM OF THE CONTENT	SYLLABUS
1	2	3	4	5
1.	English, Hindi	I to VIII	As per language	As per NCERT syllabus
2.	Mathematics	I to VIII	English	As per NCERT syllabus
3.	Science, Social Science	VI to VIII	English	As Per NCERT syllabus
4.	EVS	I to V	English	As per NCERT syllabus
5.	Sanskrit, Marathi	VI to VIII	As Per language	As per NCERT syllabus
6.	Computer Education	III to VIII	English	As per KVS syllabus and Adopted by AEES
7.	Social Science, Mathematics, Science	IX to X	English	As per CBSE syllabus
8.	Information and Communication Technology	IX and X	English	As per CBSE syllabus
9.	English- Communicative, English Language and Literature, Hindi Course A, Hindi Course B, Sanskrit	IX to X	As per language	As per CBSE syllabus
10.	English Elective, English Core, Hindi Elective, Hindi Core, Sanskrit Core (Code 322)	XI to XII	As per language	As per CBSE syllabus/Respective State Board.

11.	Economics, Business Studies, Accountancy, History, Political Science, Geography, Sociology, Physical Education, Home Science, Painting, Music	XI to XII	English	As per CBSE syllabus/Respective State Board
12.	Mathematics, Physics, Chemistry, Biology, Computer Science, Informatics Practices.	XI to XII	English	As per CBSE syllabus/Respective State Board.

(FORMAT FOR TECHNICAL BID)

**ATOMIC ENERGY EDUCATION SOCIETY (AEES)
MUMBAI -400 094**

PROFILE OF THE BIDDER

1. Name of Bidder (in Block Letters)
(Proprietorship/Partnership Firm/Company/Society)
2. Name of the Authorized Representative of the Bidder
3. Address of the Bidder
(Proprietorship /Partnership Firm/Company/Society)
4. Father's/Husband's Name of the Authorized Representative
5. Complete Residential Address of the Authorized Representative
 - (a) Existing
 - (b) Permanent
 - (c) Telephone(Resi./Office)
 - (d) Mobile No.
 - (e) E-mail
6. Documentary proof regarding year and place of the establishment of the Company.
7. Former name of the company, if any and how many years has your organization been in business under your present name?
8. Is the firm Government/Public Sector Undertaking/Propriety firm/ Partnership firm(if yes, give partnership deed)
9. Limited company or limited corporation number of a group of companies (if yes, give name and address, and description of other companies)
10. Subsidiary of a large corporation (if yes give the name and address of the parent organization) If the company is subsidiary, state what involvement if any, will the parent company have in the project.
11. Is the firm registered with sales tax department? If yes, submit valid sales tax registration certificate.

12. Is the firm registered for service tax with Central Excise Department (Service Tax Cell)? If yes, Submit valid service tax/GST registration certificate.
13. Is the firm registered under Labour Laws Contract Act? If yes, submit valid registration certificate.
14. Is your organization has ISO/or any other certification? If so, attach copies of the certificates. State details, if certified by bodies, other than that stated.
15. Do you have a local representation /office in Mumbai? If so, please give the address and the details of staff, infrastructure etc in the office and no. of years of operation of the local office
16. Amount of **Earnest Money deposited (EMD):** Rs. _____
(Rupees _____ only) No. & Date of the Bank
Draft with name of the issuing Bank
_____ DD drawn in favour of **“ATOMIC
ENERGY EDUCATION SOCIETY”** payable at Mumbai should be
enclosed with its No. & Date superscripted on the envelope to be
deposited physically in the office of Chief Administrative
Office as per the details mentioned in Para-7 of Part-I,
Memorandum of Information.

All other Annexure, self attested copies of the documents to be submitted with the bid.

Signature of Bidder

Date:-_____

BID LETTER

Date: dd/mm/yyyy

To,

The Secretary,
Atomic Energy Education Society,
Anushaktinagar
Mumbai-400094

Subject: For establishment of 31 Smart Classrooms from Class I to XII which includes supply, installation & commissioning of Hardware, uploading/maintenance and up gradation of Educational Digital contents, networking and setting up of server, training to teachers, providing IT Assistants cum Resource Persons, on-site comprehensive warranty for three years in 31 AEES Schools

Sir,

I/We, the undersigned Bidders, having read and examined in detail the specifications and other conditions in tender document in respect of supply, installation & commissioning of Hardware, uploading/maintenance and up gradation of Educational Digital contents, networking and setting up of server, training to teachers, providing IT Assistants cum Resource Persons, and onsite comprehensive warranty for three years in 31 AEES Schools, submit the following information/undertaking/declaration for consideration of the AEES.

2. Price and Validity

2.1 All the prices mentioned in our financial bid are in accordance with the terms as specified in tender document. All the prices and other terms and conditions of this proposal are valid for a period of 180 Days from the last date of submission of bids.

2.2 We do hereby confirm that our bid prices include all taxes and cess including Income Tax.

3. Earnest Money

3.1 Amount of Earnest Money deposited (EMD): ₹ _____ (Rupees _____ only) No. & Date of the Bank Draft with name of the issuing Bank _____ DD drawn in favour of **“Atomic Energy Education Society”** payable at Mumbai should be enclosed with its No. & Date superscripted on the envelope to be deposited physically in the office of Chief Administrative Officer as per the details mentioned in Para-7 of Part-I, Memorandum of Information.

4. Bid Pricing

4.1 We further declare that the RATES stated in our proposal are in accordance with your terms & conditions in the tender document.

5. Qualifying Data

We confirm having submitted in qualifying data as required by you in your tender document. In case, you require any further information/ documentary proof in this regard before evaluation of our bid, we agree to furnish the same in time to your satisfaction.

6. DECLARATION

I/We have also carefully read the terms and conditions of the tender document and undertake that I/we shall abide.

I/We accept the conditions mentioned in the tender document for the establishment of smart Classrooms as per the scope of work.

I/ We possess the necessary professional, technical, financial and managerial resources and competence required by the tender document issued by the AEES.

I/ We have fulfilled obligation to pay such of the taxes payable to the Union and the State Government or any local authority as specified in the tender document.

I/We are not insolvent, in receivership, bankrupt or being wound up, not have my/ our affairs administered by a court or a judicial officer, not have my/ our business activities suspended and not the subject of legal proceedings for any of the forgoing reasons.

I/We hereby declare that our proposal is made in good faith, without collusion or fraud and the information contained in the proposal are true to the best of our knowledge and belief and nothing has been concealed there from.

I / We hereby confirm that our firm has not been banned or blacklisted by any government organization/Financial institution/Court /Public sector Unit /Central Government.

I/We hereby confirm to the supply, installation, commissioning of the hardware, software, educational digital content, training to teachers, and comprehensive onsite warranty and further technical specification given in the Annexure II(A), II(B), II(C) and other terms & conditions mentioned in the tender document.

Bid submitted by us is properly sealed and prepared so as to prevent any

subsequent alteration and replacement.

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

Thanking you,

Yours faithfully,

Place:.....

(Signature)
Seal :

Name:.....

Designation:

Business Address:

.....

.....

.....

.....

Annexure - III (B)

FINANCIAL INFORMATION SUMMARY

(TO BE CERTIFIED BY CA)

S.No.	Details	(Rs. Lakhs)			
		2015-16	2016-17	2017-18	TOTAL
1.	Total Turnover				
2.	Establishment of Smart Classroom and providing digital contents				
3.	Profitability (Profit after Tax)				

Note: Please enclose audited financial statements for the respective years

Signature and Seal of Chartered Accountant

Annexure – III (C)

**DETAILS OF MULTIMEDIA EDUCATIONAL DIGITAL
CONTENT ALREADY DEVELOPED BY THE BIDDER (Part-III)**

Sl. No.	Title of the Educational Content	Topics Covered	Duration of the Content	Language Used	Board	Remark

Signature of the Bidder with seal

Annexure - III (D)

OEM/BRAND WISE DETAILS OF DELIVERABLES

Sl.No.	Item/deliverable name	OEM	Brand/ Model No.

Signature of the Bidder with seal

**COMMITMENT LETTER FOR SUPPORT FROM
PRINCIPAL MANUFACTURER/OEM**

Date.....

To,
The Secretary,
Atomic Energy Education Society,
Central Office, Western Sector,
Anushaktinagar,
Mumbai-400094

Dear Sir,

Ref: Tender No.

I / We hereby commit & confirm the following:

- a) The duration of the service support will be for a period of three years from the date of completion of the proposal.
- b) The service support will be provided on-site at no cost to the AEES.
- c) The service support will be comprehensive hence no extra charges are to be paid for any Hardware failure by the AEES.
- d) We will provide warranty and spares up to quoted time or mentioned in tender document ,even in case of authorize representative/dealer terminated by us and we will transfer responsibility of authorized representative/dealer to another dealer in case of termination of main bidder.

Signature

Name

Designation

AUTHORITY LETTER FROM PRINCIPAL MANUFACTURER/OEM

To,
The Secretary,
Atomic Energy Education Society,
Central Office, Western Sector,
Anushaktinagar,
Mumbai-400094

Dear Sir,

Ref: Tender No.

.....[Manufacturer] hereby certify that
M/s.....[bidder] is an authorized
.....[relationship] of [Manufacturer]
and they are authorized to represent [Manufacturer] in submitting
their bid for..... [Product& services] and conclude the contract with you.
We.....[manufacturer] are confident of M/s [bidder's]
ability to represent us and provide full support in making your project
successful. We.....[Manufacturer] have
authorized..... to quote for this tender.

Signature

Name

Designation

**UNDERTAKING REGARDING ACCEPTANCE OF
IMPLEMENTATION SCHEDULE AND PAYMENT TERMS**

I/We hereby accept and confirm that I/We agree to all the terms and condition of the implementation schedule and payment terms as mentioned in the tender document in Section VI.

Signature of the Bidder with seal

CHECKLIST OF DOCUMENTS TO BE ATTACHED AT THE TIME OF SUBMISSION OF TECHNICAL BID:

Sl.No.	Document	Whether the document is enclosed (Yes/ No)	Page No.
1.	Bank/Demand draft in respect of Earnest Money Deposit (EMD) from any Nationalized/Scheduled Bank drawn in favour of Secretary, AEES payable at Mumbai.		
2.	Copy of Permanent Account Number (PAN) of Representative		
3.	Self attested copy of sales/service tax registration and sales/service tax/GST return filed in last three years		
4.	Self attested copy of certificate that the up to date Income Tax Returns have been filed for the proceeding three years.		
5.	Self attested documentary evidence of (a) the Proof of Residences of the Bidder (in case of Proprietor/Partnership Firm (b) Proof of Registered Office of the Company and Residential Address of the Director/Authorised Representative (in case of Bidder being a Company) (c) Proof of Registered office of the Society and Residence of President/Secretary (in case Bidder being a Society) as well as Proof of the Address of the Office of the Bidder Firm/Company/Society		
6.	Self attested copy of bank statement indicating name of the Bank and Account No. of the Bidder Firm/Company/Society		
7.	Copy of completion certificate from the user agency certifying the successful completion of the similar work done by the bidder		
8.	Copy of Audited Financial Statement of the Firm/Company/Society for the preceding three Financial years showing the annual turnover duly certified by a Chartered Accountant; (FY 2015-16, 2016-17 and 2017-18)		

9.	Copy of Audited Balance sheet of the Firm / Company /Society for the preceding three Financial years showing the annual turnover, duly certified by a Chartered Accountant; (FY 2015-16, 2016-17 and 2017-18)		
10.	Bank Solvency certificate of a Nationalized Bank/Scheduled Bank for a minimum 40% of estimated cost of work and should not be older than one year from the date of opening of tender.		
11.	Copy of undertaking that the firm/company/society has not been blacklisted by any Govt. or Semi Govt. organization in the last five years.		
12.	Certified copies of profit and loss statement and relevant audited balance sheets of last three financial years.		
13.	Copy of partnership deed in case of a partnership firm, memorandum and article of association and certificate of registration in case of Private/Public limited company or registered society.		
14.	Copy of No dues certificate in the form of an Affidavit on non judicial paper certifying that nothing is payable against the Bidder from any previous contract / agreement / work award by the AEES.		
15.	Compliance Sheet for the technical Specification as per Annexure II (A), II (B), II (C)		
16.	Annexure-III (A) - Bid letter		
17.	Annexure-III (B) -Financial information Summary		
18.	Annexure-III (C) -Details of Multimedia Educational Digital Content already developed by the bidder		
19.	Annexure-III (G) -Undertaking regarding acceptance of implementation schedule and payment terms		
20.	Annexure-III (H) -Checklist of the documents		
21.	Annexure-IV-Format for financial bid		
22.	Annexure IV (A) -Consolidated cost sheet		

FORMAT FOR FINANCIAL BID
ATOMIC ENERGY EDUCATION SOCIETY (AEES)
MUMBAI 400 094

TENDER FOR: Setting Up Of Smart Classrooms which includes Supply, Commissioning, Installation and Maintenance of Hardware and Integration of Educational Digital Contents in 31 AEES Schools

PRICE TENDER FORM

(To be returned in original, along with tender)

Tender No. : -----
Tender Document No. : -----

To
The Secretary,
AEES,
Anushaktinagar,
Mumbai 400 094
Sir,

I/We hereby tender for Setting Up of Smart Classrooms in AEES which includes Supply, commissioning, installation, training and maintenance of hardware, including Integration of Educational Digital Contents as per the specification given in this tender document within the time specified and in accordance with the specifications, design and instructions as per special terms & conditions as well as general terms and conditions. The rates are quoted in the prescribed format enclosed.

Signature of the Bidder with seal

Encl : format for (1) Prince tender form (page 1 & 2)

Annexure - IV(A)**Tender No.** _____**Tender Document No:** _____**CONSOLIDATED COST SHEET**

S.No	Item description	Unit (In Rs.)	Rate per unit	Quantity	Total Amount (in Rs.)
1.	Providing complete set of Hardware as per the description given in Annexure I (A) which includes Projector, PC, Smart board, Cabinet etc. with three years onsite Comprehensive warranty	Per classroom		31	
2.	Providing and installation of servers in Labs of specifications detailed in Annexure- I(A) with three years onsite Comprehensive warranty	Per lab		31	
3.	Providing and installation of network equipments Per class room for connecting to the server installed in computer lab as per details given in Annexure II (A) with three years onsite Comprehensive warranty	Per classroom		31	
4.	Providing, installation, up-gradation and maintenance of the educational digital content (License fee per class per year) as per specifications given in Annexure II (B) and II(C) for a period of three years including comprehensive training to teachers.	Per classroom per year		31 Class room	
5.	Cost of 32" inch LED TV as per specification given in Annexure II (A)	LED TV per school		31	

NOTE:

- 1.** Each bidder will quote prices of all the items mentioned above inclusive of all applicable taxes.
- 2.** If any bidder does not quote any one of the price mentioned above the bid will be summarily rejected.
- 3.** Any Conditional Bids shall be summarily rejected.

Signature of the Bidder with seal

CONTRACT FORM

THIS AGREEMENT made the Day of 2018.....
Between (AEES) of
(India) (herein after "AEES") of the one part and
..... (Name of Successful bidder) and
which expression shall mean and include unless repugnant to the context,
its successor; and permitted assigns, a (state the type of contracting entity)
body, having its principal office at _____ (state the
principal/registered place of incorporation/residence/work),

AND

Atomic Energy Education Society (hereinafter referred to as **AEES** and
which expression shall mean and include, unless repugnant to the
context, its successor; and permitted assigns, a statutory body within
the meaning of Atomic Energy Education Society Act, 1994 and having its
principal office at AEES, Anushaktinagar, Mumbai, India.
(City and Country of Successful bidder) (Here in after called "the Successful
bidder") of the other part:

WHEREAS the AEES has invited tender for the **Establishment of 31
Smart Classrooms from Class I to XII** which includes supply,
installation & commissioning of Hardware, uploading/maintenance and
up gradation of Educational Digital contents, networking and setting up
of server, training to teacher and on-site comprehensive warranty for three
years in 30 AEES Schools, from the eligible firms /agencies
/companies (Brief description of Goods
and Services) and has accepted a bid by the Successful bidder for the
supply, installation, commissioning of hardware and integration of
Educational Digital Contents in the sum of
..... (Contract Price in Words and Figure) (hereinafter
called "**the Contract Price**").

NOW THEREFORE, IT IS HEREBY AGREED BY AND BETWEEN THE AEES
AND THE SUCCESSFUL BIDDER AS FOLLOWS:

1. In this agreement words and expression shall have the same meanings
as are respectively assigned to them in the Conditions of Contract referred
to.
2. Support services from the selected agency/firm/company would be
required to Smart classrooms items on regular basis to AEES on all
working days between 7:30 Hrs to 18:00 Hrs. No separate charges
for delivery of goods would be paid by the office.
3. That the Hardware and Software of Smart Classrooms shall be delivered
and installed strictly within the implementation schedule specified in **Section
VI** of the tender document.

4. The following documents shall be deemed to form and be read and construed as part of this Agreement, viz:

- (a) the Bid Form and the Price Schedule submitted by the Bidders;
- (b) Instructions to bidders-Section III
- (c) That the services/equipments shall be confirming with the quality and specification given in the Scope of Work-Section IV;
- (d) General conditions-Section VI
- (e) Special conditions-Section VII; and
- (f) AEES's Notification of Award

5. The Successful bidder shall be bound by the details furnished by him/her to the AEES while submitting the tender or at subsequent stage. Upon selection of the successful bidder, if at any stage, the document furnished by him/her is found to be false or the quality of the equipments and services or rate are found of poor quality or different specifications, it would be deemed to be a breach of terms of contract, the contract shall be cancelled and Performance Security shall be stand forfeited.

6. The rate quoted by the selected Successful bidder, and as approved by the AEES, shall remain valid throughout the period of contract and the request to increase the rates for any or all items, during the period of contract, shall not be entertained at any stage.

7. The rate submitted by the Successful bidder should not be higher than the Govt. approved/DGS&D rates at which the Smart classrooms equipments are being supplied & installed by its to other Govt. institutes/Ministries/Departments. If subsequently, it is found that the firm has supplied equipments at higher rates to the AEES, the excess amount **shall not be recovered** from the Performance Security and/or from the pending bills of the firm along with a penalty of Rs. _____ on the firm on such occasion and shall be doubled on subsequent occasion.

8. In considerations of the payments to be made by the AEES to the Successful bidder as hereinafter mentioned, the Successful bidder hereby covenants with the AEES to provide the goods and services and to remedy defects there in conformity in all respects with the provisions of the contract.

9. The AEES hereby covenants to pay the Successful bidder in consideration of the provision of the goods and services and the remedying of defects therein, the contract price or such other sum as may become payable under the provisions of the contract at the times and in the manner prescribed by the contract.

10. That in the event of any dispute arising between the parties, the same shall be referred to the sole arbitration of the Chairperson, AEES or any officer appointed by him or her in this behalf, whose decision shall be final and binding on the parties.

11. Brief particulars of the goods and services which will be supplied/provided by the Successful bidder are as under:

Sl. No.	Brief description of Hardware, Educational Digital Content and services	Quantity to be supplied	Rate	Total price	Delivery Terms

Total Value:

Delivery Schedule:

THIS AGREEMENT will take effect fromday ofTwo Thousand Eighteen and shall be valid for three year.

IN WITNESS WHEREOF, both the parties AEES and the SUCCESSFUL BIDDER have entered, their respective common seals to be here unto affixed/ (or have unto set their respective hands and seals) into this Agreement as of {the} day of {month} 2018 here at Mumbai.

<p>For and on behalf of the 'Agency/firm/ company'</p> <p>Signature of the authorized officer</p> <p>Name of the Officer</p> <p>By the SaidNames on behalf of the "Authorized Signatory, of the firm / company "</p> <p>In the presence of Witness:..... Name:..... Address:.....</p>	<p>For and on behalf of the "Secretary, AEES"</p> <p>Signature of the authorized officer</p> <p>Name of the Officer</p> <p>By the SaidNames on behalf of the "Secretary, AEES".</p> <p>In the presence of Witness: Name: Address:.....</p>
---	--

BANK GUARANTEE FORMAT
(On Rs. 100/- non- judicial stamp paper)

1. In consideration of the Mumbai Municipal Council, Palika Kendra, Sansad Marg, Mumbai – 110001, (hereinafter called ‘the council’) having agreed to **M/s Firm name with address** (hereinafter called the said ‘Successful bidder(s)’) from the demand, under the terms and conditions of work order No. _____ Dated _____ made between Atomic Energy Education Society and **M/s Firm name** for the **Name of work** (hereinafter called ‘the said Agreement’) of security deposit for the due fulfillment by the said Successful bidder(s) of the terms and conditions in the said Agreement on production of Bank Guarantee for Rs. _____ (Rupees _____ Only) we, **Bank name with address, (Indicate the name of Bank)** (hereinafter referred to as ‘the bank’) at the request of **M/s Firm name**, Successful bidder(s) do hereby undertake to pay to the Council an amount not exceeding of Rs. _____ (Rupees _____ Only) on demand by Council.
2. We, Bank name, do hereby undertake to pay the amount due and payable under this guarantee without any demur, merely on a demand from the Council stating that the amount claimed is required to meet the recoveries due or likely to be due from the said Successful bidder(s). Any such demand made on the bank shall be conclusive as regards the amount due and payable by the bank under this guarantee. However, our liability under this guarantee shall be restricted to an amount not exceeding Rs. _____ (Rupees _____ Only).
3. We undertake to pay to the A E E S any money so demanded notwithstanding any dispute or disputes raised by the Successful bidder(s) in any suit or proceedings pending before any court or Tribunal relating thereto, our liability under this present being, absolute and unequivocal. The payment so made by us under this bond shall be valid discharge of our liability for payment hereunder and the Successful bidder(s) shall have no claim against us for making such payment.
4. We, Bank name with address, further agree that the guarantee herein contained shall remain in full force and effect during the period that would be taken for the performance of the said agreement and that it shall continue to be enforceable till all the dues of the AEES under or by virtue of the said Agreement have been fully paid and its claims satisfied or discharged or till person-in-charge on behalf of the AEES certifies that the terms and conditions of the said Agreement have been fully and properly carried out by the said Successful bidder(s) and accordingly discharges this guarantee, or till 5 years & 6 months from the date of submission of bid whichever is earlier.

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

6. This guarantee will not be discharged due to change in the constitution of the bank or the Successful bidder(s).

7. We, Bank name with address, lastly undertake not to revoke this guarantee except with the previous consent of the AEES in writing.

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

Dated the _____ day of _____
 200__ For _____
 (Indicate name of Bank)

Draft Design of Cabinet of Smart Classroom

