

**Dayalbagh Educational Institute
(DEEMED TO BE UNIVERSITY)
Dayalbagh, Agra**

**Notice Inviting Open Tenders
Open Tender for “Video Walls and Interactive Panels”**

Open Tender No: DEI/Sc/Math/GSS/2018-19/TDR-56

Date: 05.03.2019

Sealed tenders are invited from Original Manufacturers or their Registered /Authorized Suppliers/ Distributors /Dealers /Authorized Sales & Service Partners for supply and installation of **Video Walls and Interactive Panels** (see Chapter 3) whose detailed specifications are given in Chapter 4.

The tenderer shall be required to submit the Earnest Money Deposit (EMD) for an amount of **Rs. 400000** by way of demand drafts/banker’s cheque/FDRs which is refundable and a non-refundable tender fee for an amount of **Rs. 200/- (Rupees two hundred only)** by Demand draft. The demand drafts shall be drawn in favour of **“Registrar, Dayalbagh Educational Institute, Agra”** payable at Agra. The demand drafts (validity 60 days beyond bid opening date) for earnest money deposit & tender fee must be enclosed in the envelope containing the bid documents addressed to:

**“The Registrar
Dayalbagh Educational Institute,
Dayalbagh, Agra – 282005,
Uttar Pradesh”**

Note: Central Purchase Organization, Small Scale Industries/ National Small-Scale Industries Corporation shall be exempted from payment of Earnest Money Deposit. Tenderers seeking exemption should enclose a self-attested photocopy of valid registration certificate with NSIC. (The Earnest Money will be liable to be forfeited if quotation is not honoured or if contract is not signed with the Institute, after the award is made to the Tenderer)

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|----|--|--|
| 1. | Time and last date of submission of the Bid: | 11:00 am on 26.03.2019 |
| 2. | Pre-Bid Meeting: | 11:30 am on 12.03.2019 |
| 3. | Time of Bid Opening: | 11:30 am on 26.03.2019 |
| 4. | Venue of Bid Opening: | Central Administrative Office
Dayalbagh Educational Institute,
Dayalbagh, Agra 282005, in the
presence of tenderers who want to be
present at the time of opening of bids. |

Interested Contractors/Suppliers/Authorized dealers may put the tender document complete in all respect and other requisite documents in the tender box kept in the Central Administrative Office, Dayalbagh Educational Institute, Dayalbagh, Agra 5. The bidders are also informed that they may come personally or send their representative to be present at the time of opening of bid with a letter from the organization and a photo ID card. Please note that tender box shall be opened at the time mentioned above irrespective of whether bidders himself or any of their representative are present or not. The tenders shall not be entertained after this deadline under any circumstances what so ever. For more details please visit the institute’s website <http://www.dei.ac.in> or contact Prof. Gur Saran – 9760104037, gursaran.db@gmail.com.

Registrar
Dayalbagh Educational Institute Dayalbagh,
Agra-282005

CHAPTER 1

INSTRUCTIONS TO TENDERERS

SECTION I

INTRODUCTION

1.1.1 About DEI

The Dayalbagh Educational Institute is located amidst the tranquil environs of Dayalbagh, a self-contained colony renowned for its serene environment and secular establishments, in which its inhabitants lead an active, disciplined and co-operative community life dedicated to service, conforming to the high spiritual ideals of their faith. On the outskirts of the historic city of Agra, the campus is situated in garden settings, away from the din and noise of the city. Nestled between lush green fields, it provides an excellent ambience and academic setting which is in harmony with nature. This, along with a simple, disciplined and principled life, undoubtedly contributes to the strength of the social, moral and spiritual fiber of the institute's educational system. The Government of India declared the DAYALBAGH EDUCATIONAL INSTITUTE as an institution Deemed to be a University from the session 1981-82, under Section 3 of the University Grants Commission Act, 1956 (3 of 1956). The Institute has since been accorded the membership of the Association of Indian Universities. The Institute comprises six faculties, faculty of Arts, Commerce, Education, Engineering, Science and Social Sciences and three colleges, DEI Technical College, DEI PV Primary School and REI Intermediate College. From the session 1986-87, the DEI Technical College, a diploma level Engineering Institution, from the session 1995-96, the DEI Prem Vidyalaya Girls' Intermediate College, and from the session 2012-13, the REI Intermediate College have also been brought under the academic and administrative control of the Institute year. The vocational courses were started in the year 1993. The Women's wing of Technical College – Women's Polytechnic was started in the year 2004, and in the same year, the Institute initiated a major programme of Distance Education to benefit students residing at urban-suburban interfaces. In the year 2015, Dayalbagh Educational Institute was empanelled as Government Training Partner (GTP) with Uttar Pradesh Skill Development Mission (UPSDM), Department of Vocational Training & Skill Development, Uttar Pradesh State Government to train youth in various vocational skills. Also a Deen Dayal Kaushal Kendra was sanctioned to DEI by MHRD to offer BVoc, MVoc and PhD degrees in skilling.

1.1.2 Objective of the Tender

The objective of this tender is to select a vendor for supply and installation of Displays, Video Walls and Interactive Panels at the Dayalbagh Educational Institute.

SECTION – II

GENERAL INSTRUCTIONS TO TENDERERS

A. PREAMBLE

1.2.1 Definitions

The following definitions, which have been used in these documents shall have the meanings as indicated below:

- I. “Purchaser” means the organization purchasing goods and services as incorporated in the Tender Enquiry document.
- II. “Tender/ Bid” means Quotation /Tender received from a Firm /Tenderer / Bidder.
- III. “Tenderer/ Bidder” means the Individual or Firm submitting Bids /Quotation / Tender
- IV. “Tender Enquiry Document” refers to this document.
- V. “Supplier” means the individual or the firm supplying the goods and services as incorporated in the contract.
- VI. “Goods” means the items, equipment which the supplier is required to supply to the purchaser under the contract.
- VII. “Services” means services allied and incidental to the supply of goods, such as transportation, installation, commissioning, provision of technical assistance, training, after sales service, maintenance service and other such obligations of the supplier covered under the contract.
- VIII. “Earnest Money Deposit” (EMD) means Bid Security/ monetary or financial guarantee to be submitted offline by a tenderer along with the techno –commercial bid.
- IX. “Contract” means the written agreement entered into between the purchaser and/or consignee and the supplier, together with all the documents mentioned therein and including all attachments, annexure etc. therein.
- X. “Performance Security Bond” means monetary or financial guarantee to be furnished by the successful tenderer for due performance of the contract placed on it. Performance Security is also known as Security Deposit.
- XI. “Consignee” means the Dayalbagh Educational Institute to whom the goods are required to be delivered as specified in the Contract.
- XII. “Specification” means the document/standard that prescribes the requirement with which goods or service has to conform.
- XIII. “Inspection” means activities such as measuring, examining, testing, gauging one or more characteristics of the product or service and comparing the same with the specified requirement to determine conformity.
- XIV. “Day” means calendar day.

1.2.2 Introduction

- 1.2.2.1 The Purchaser has issued online documents for purchase of goods and related services.
- 1.2.2.2 This section (Section II - “General Instruction Tenderers”) provides the relevant information as well as instructions to assist the prospective tenderers in preparation for submission of tenders. It also includes the mode and procedure to be adopted by the purchaser for receipt and opening as well as scrutiny and evaluation of tenders and subsequent placement of order/ contract.
- 1.2.2.3 Before formulating the tender and submitting the same to the purchaser, the tenderer should read and examine all the terms, conditions, instructions, checklist etc. contained in this document.

Failure to provide and/or comply with the required information, instructions etc. incorporated in this document may result in rejection of its tender.

1.2.3 Availability of Funds

1.2.3.1 Expenditure to be incurred for the proposed purchase will be met from the funds available with the purchaser/consignee.

1.2.4 Language of Tender

1.2.4.1 The tender submitted online by the tenderer and all subsequent correspondence and documents relating to the tender exchanged between the tenderer and the purchaser, shall be written in the English language, unless otherwise specified in the Tender Enquiry. However, the language of any printed literature furnished by the tenderer in connection with its tender may be written in any other language provided the same is accompanied by an English translation and, for purposes of interpretation of the tender, the English translation shall prevail.

1.2.5 Tender Validity

1.2.5.1 Tender submitted by vendors shall remain valid for acceptance for sixty (60) calendar days from the next day of the last date mentioned in event date. A tender valid for a shorter period may be rejected by the Purchaser as being non-responsive.

1.2.6 Cost of Bidding

1.2.6.1 The Bidder/ Tenderer shall bear all costs associated with the preparation and submission of the tender and any subsequent events/activities of Bidder related to this document.

1.2.6.2 The Purchaser will in no case be responsible or liable for these costs, regardless of the conduct or outcome of the bidding process.

1.2.7 Bidder to obtain his own information

1.2.7.1 The Bidder shall for all purposes deemed to have independently obtained all necessary information for the purpose of preparing the tender. The correctness of the details given in this Tender Document is for guideline information only, to help the tenderer prepare his tender. The cost of visiting the sites shall be borne by the tenderer. Non-familiarity with the site conditions will not be considered a reason either for extra claims or for not providing services in strict conformity with scope and special conditions of the contract.

B. TENDER DOCUMENTS

1.2.8 General Instruction for Tender Preparation

1.2.8.1 The tenderers are advised to submit their tenders complete in all respect. The tenderer shall submit a comprehensive list of attached forms/declarations/certificates etc. in response to Tender Document.

1.2.8.2 The tenderers in their own interest are advised to be very careful while writing quantity and

rates. The quantity and rates should be written very neatly, preferably typed, and there should be no overwriting or corrections. In case there are some corrections or overwriting, the same should be signed by the Authorized Signatory. The quoted prices shall be inclusive of statutory taxes, duties and other levies.

1.2.8.3 The Scope of Work specified in this Tender Enquiry Document shall be executed strictly in accordance with the conditions specified in the General Conditions of Contract and other conditions specified in various sections of this Tender Document. If any of the aforesaid conditions is not clear to a Bidder, clarification may be sought from the Purchaser as per the provisions of clause 1.2.9 (Clarification on Tender Document).

1.2.8.4 The tenderers must accept all the conditions specified in the Tender Enquiry Document to facilitate early finalization of tenders. Separate set of commercial conditions (such as tenderer's standard printed conditions) enclosed with the offer and any reference thereto may prevent the tender from being considered by the Purchaser.

1.2.9 Clarification on Tender Document

1.2.9.1 Tenderers requiring any clarification on the Tender Enquiry Document may notify the Purchaser (at its postal/e-mail address given in Event Date) in writing not later than 1 day before the last date of tender submission. Similarly, if a tenderer feels that any important provision in the documents is unacceptable, such an issue should be raised at this stage.

1.2.9.2 If deemed fit, written copies of the Purchaser's response (including explanation of queries without identifying its source) will be sent to all the tenderers in the form of addendum/corrigendum.

1.2.10 Amendment of Bidding Document

1.2.10.1 At any time prior to the deadline for submission of the tender, Purchaser may modify the Tender Document by issue of an addendum/corrigendum.

1.2.10.2 In addition, Purchaser may issue addendum/corrigendum to the Tender Document to make/reflect amendment(s) in terms & condition or schedule of requirements specified in this Tender Document.

1.2.10.3 Any such addendum/corrigendum will be made available at the DEI website www.dei.ac.in and CPPP. No separate other communication in this regard shall be made with any tenderer. It will be the responsibility of the tenderer to regularly visit the website to keep themselves updated on such changes.

1.2.10.4 No clarification obtained through verbal communication by the tenderers from any officer, agent or employee of the Purchaser or any staff of the Program Management Consultant will be deemed as addendum/corrigendum to the Tender document.

1.2.10.5 The Purchaser, at its discretion for any reason whether at its own initiative or in response to a clarification requested by a tenderer may add, modify or remove any element of the services or goods.

1.2.10.6 In order to provide tenderer reasonable time to take the addendum/ corrigendum into account in preparing their tenders, the Purchaser may, at its own discretion, extend the last date of tender submission. In such an event, tenderers shall not be entitled to any compensation, in any form whatsoever.

C. PREPARATION OF TENDER

1.2.11 Preparation of Tender Document

1.2.11.1 Documents Comprising the Tender

The tender prepared by the tenderer shall comprise of

- (1) Technical bid
- (2) Financial bid

1.2.11.2 Technical Bid

The Technical Bid shall contain the following documents. The documents shall be arranged in the same order as mentioned below with the checklist being on the top documents.

1. Checklist (Chapter 7, Form 4)
2. Earnest Money in the form mentioned in the Notice Inviting Tenders
3. Certificate of Incorporation/ Firm registration certificate
4. Certificate/ Authorization Letter from OEM
5. GST No
6. Income Tax PAN No.
7. Firm's Bank A/c details
8. Performance Statement as per Chapter 7, Form 3 along with relevant copies of orders and end users' satisfaction certificate.
9. Compliance to specifications as per Chapter 3 and Chapter 4.

1.2.11.3 Financial Bid

The Financial Bid shall contain:

1. Tender Acceptance Form [as per Chapter 7, Form 1]
2. Price Schedule [as per Chapter 5]

1.2.11.4 Tender Form

The tenderer shall complete the Tender Acceptance Form (Chapter 7, Form 1) and the appropriate Price Schedule (Chapter 5).

1.2.11.5 Tender Prices

- a. The tenderer shall give the total composite price inclusive of all duties, cess, surcharge, discount, packing, levies and taxes. Tenderers should quote rates on FOR/Free Delivery at the sites specified in the Notice inviting Tender, inclusive of all charges else should mention estimated cost of packing, forwarding, insurance and freight by Rail/Road/Post etc. as the case may be. The basic unit price and all other components of the price need to be individually indicated against the goods it has proposed to supply under the contract as per price schedule in Chapter 5. The offer shall be given in Indian Rupees.
- b. The cost of each subitem, if identified as per specification in Chapter 4, should be clearly specified.
- c. *Excise Duty*: DEI is exempted from payment of Excise Duty under notification No.10/97 – Central Excise dt. 01.03.97 issued by Ministry of Science & Technology, Govt. of India. Hence, the offer shall be submitted accordingly the tenderers should not include the Excise Duty in the quoted price, which can put them into a disadvantageous position. They should however, quote separately the percentage / quantum of excise duty applicable.
- d. *Customs Duty*: In case of Imported Items, please note that DEI is exempted from payment of Customs Duty in terms of Notification No.51/96-CUSTOMS dated 23.7.1996 as amended from

time to time. Issued by Ministry of Science & Technology, Dept. of Scientific and Industrial Research, Government of India, we are eligible for concession of Custom duty.

- e. The prices quoted by the tenderer shall remain fixed during the entire period of contract and shall not be subject to variation on any account. A tender submitted with an adjustable price quotation is likely to be treated as non-responsive and rejected.
- f. "DISCOUNT", if any, offered by the tenderers shall not be considered unless they are specifically incorporated in the price schedule. Tenderers desiring to offer discount shall therefore modify their offers suitably while quoting and shall quote clearly net price taking all such factors like Discount, free supply, etc. into account.
- g. The tenderer shall quote only one price for each item.
- h. No insurance charges are allowed unless otherwise specified and agreed to by DEI. In the absence of any specific instructions, it will be the responsibility of the supplier to ensure a consignment against transit risk at his own expense if he so desires.

1.2.12 Documents Establishing Tenderer's Eligibility and Qualifications

1.2.12.1 Pursuant to Chapter 2, Section III, the tenderer shall furnish, as part of its tender, relevant details and documents establishing its eligibility to quote and its qualifications to perform the contract if its tender is accepted.

1.2.12.2 The documentary evidence needed to establish the tenderer's qualifications shall fulfil the following requirements:

1. In case the tenderer offers to supply goods, which are manufactured by some other firm, the tenderer has been duly authorised by the goods manufacturer to quote for and supply the goods to the purchaser.
2. The tenderer has the required financial, technical and production capability necessary to perform the contract and, further, it meets the qualification criteria incorporated in Chapter 2, Section III in these documents.

1.2.13 Documents Establishing Goods conformity To Tender Documents

1.2.13.1 The documentary evidence of goods in conformity with the tender documents may be in the form of literature and data and the tenderer shall furnish a clause-by-clause compliance on the Technical Specifications and commercial conditions demonstrating substantial responsiveness to the Technical Specification and commercial conditions in the form of signing & stamping all the pages of the tender enquiry document by the authorized person/persons. In Case of deviations, a statement of deviations and exceptions to the provision of the Technical Specifications and commercial conditions shall be given by the tenderer. A tender without clause-by-clause compliance shall not be considered.

1.2.14 Earnest Money Deposit (EMD)

1.2.14.1 The Tenderer shall be required to submit the Earnest Money Deposit (EMD) by way of Demand Draft /Banker's cheque / FDRs mentioned in the Notice Inviting Tender which is refundable and a non-refundable tender fee for an amount of Rs. 200/- (Rupees two hundred only) by way of demand drafts/banker's cheque. The demand drafts shall be drawn in favour of "*Registrar, Dayalbagh Educational Institute, Agra*" payable at Agra. The demand drafts for earnest money deposit & tender fee must be enclosed in the envelope containing Technical Bid pursuant to Clause 1.2.11.2.

- a. The firm(s) that are registered with the National Small Industries Corporation (NSIC) or Small Scale Industries (SSI) are exempted from furnishing the EMD. Self-attested photocopy of the valid registration certificate must be enclosed with their bid.
- b. The demand drafts for EMD & tender fee must be super-scribed with tender number and due date of submission. Any technical bid found without the demand drafts of EMD and tender fee will be rejected. The Institute will not be liable to pay any interest on such an amount.

1.2.14.2 The Earnest money shall be valid for a period of Sixty (60) days beyond the validity period of the tender.

1.2.14.3 Unsuccessful tenderers' earnest money will be returned to them without any interest, after expiry of the tender validity period, but not later than thirty days after conclusion of the resultant contract. Successful tenderer's earnest money will be returned without any interest, after receipt of Performance Security Bond from that tenderer.

1.2.14.4 Earnest Money is required to protect the purchaser against the risk of the Tenderer's conduct, which would warrant the forfeiture of the EMD. Earnest money of a tenderer will be forfeited, if the tenderer withdraws or amends its tender or impairs or derogates from the tender in any respect within the period of validity of its tender or if it comes to notice that the information/documents furnished in its tender is incorrect, false, misleading or forged without prejudice to other rights of the purchaser. The successful tenderer's earnest money will be forfeited without prejudice to other rights of Purchaser if it fails to furnish the required Performance Security Bond within the specified period.

1.2.15 Tender Validity

1.2.15.1 Tender shall remain valid for 60 days after the date of tender opening. Any tender valid for a shorter period shall be treated as unresponsive and rejected.

1.2.16 Corrupt Practice

1.2.16.1 The Purchaser requires tenderers, SI, and contractors to observe the highest standard of ethics during the execution of such contracts.

1.2.16.2 The following definitions apply:

1.2.16.2.1 Corrupt practice means the offering, giving receiving, or soliciting, directly or indirectly, of anything of value to influence the action of any party in the procurement process or the execution of a contract.

1.2.16.2.2 Fraudulent practice means a misrepresentation or omission of facts in order to influence a procurement process or the execution of a contract.

1.2.16.2.3 Collusive practices mean a scheme or arrangement between two or more tenderers, with or without the knowledge of the DEI, designed to influence the action of any party in a procurement process or the execution of a contract.

1.2.16.2.4 Coercive practices means harming or threatening to harm, directly or indirectly, persons, or their property to influence their participation in a procurement process, or affect the execution of a contract.

1.2.16.3 The Purchaser will reject a proposal for award if it determines that the tenderer recommended for award has, directly or through an agent, engaged in corrupt, fraudulent collusive or coercive practices in competing for the Contract.

1.2.16.4 The Purchaser will sanction a party or its successor, including declaring ineligible, either indefinitely or for a stated period of time, to participate in projects if it at any time determines that the Tenderer has, directly or through an agent, engaged in corrupt, fraudulent, collusive, or coercive practices in competing for, or in executing, a DEI contract.

1.2.17 Conflict of Interest

1.2.17.1 Tenderer shall hold DEI's interest paramount, without any consideration for future work and strictly avoid conflict with other assignment or their own corporate interest.

1.2.17.2 Tenderer should not be engaged in any such business (excluding any work assigned to them by DEI) which has conflict of interest with the project for which the tenders are being submitted.

1.2.17.3 DEI considers a conflict of interest to be a situation in which a party has interests that could improperly influence that party's performance of official duties or responsibilities, contractual obligations, or compliance with applicable laws and regulations, and that such conflict of interest may contribute to or constitute a prohibited corrupt practice. A Tenderer may be considered to be in a conflict of interest with one or more parties in this bidding process if, including but not limited to:

- Receive or have received any direct or indirect subsidy from any of them; or have common controlling shareholders, or Have the same legal representative for purposes of this tender, or Have a relationship with each other, directly or through common third parties, that puts them in a position to have access to information about or influence on the tender of another Tenderer, or Influence the decisions of the DEI regarding this bidding process.

1.2.17.4 Tenderers have an obligation to disclose any situation of actual or potential conflict that impacts their capacity to serve the best interest of Purchaser, or that may reasonably be perceived as having this effect. If the Tenderer fails to disclose said situations and if the Purchaser comes to know about any such situation at any time, it may lead to the disqualification of the tenderer during bidding process or the termination of its Contract during execution of assignment.

1.2.18 Formats and Signing of Tender

1.2.18.1 The tenderer shall prepare the Technical and Financial bids separately.

1.2.18.2 The copy of the tender shall be typed or printed, and all the pages numbered consecutively and shall be signed and stamped by the tenderer or a person or persons duly authorized to bind the tenderer to the contract. All pages of the original tender shall be signed and stamped by the person or persons authorized for signing the tender. The tender submitted shall be sealed properly.

1.2.18.3 The tender shall contain no interlineations, erasures or overwriting except as necessary to correct errors made by the tenderer in which case such corrections shall be signed by the person or persons authorized for signing the tender.

D SUBMISSION OF TENDERS

1.2.19 Sealing and Marking of Tenders

1.2.19.1 The tenderer shall seal the Technical Bid and the Financial Bid in separate envelopes and keep them in a bigger sealed envelope. The Technical Bid shall bear the name "TECHNICAL Bid of Tender No: Dated: " on the envelope, while the Financial Bid shall bear the name "FINANCIAL Bid of Tender No : Dated: " on the envelope for avoiding any mismatch.

1.2.19.2 The bigger sealed envelope containing the Technical and the Financial Bid in separate sealed envelopes shall be addressed to the Purchaser at the following address:

"The Registrar
Dayalbagh Educational Institute
(Deemed to be University)

Dayalbagh, Agra – 282005
Uttar Pradesh, India”

1.2.19.3 All the envelopes shall bear the Tender name, the Tender NO. Dated: . and the words ‘DO NOT OPEN BEFORE’ (due date & time)

1.2.19.4 The envelopes shall indicate the name and address of the tenderers to enable the tender to be returned unopened in case it is received late.

1.2.19.5 The tenders will be recorded/ returned unopened if covers are not properly sealed.

1.2.20 Submission of Tenders

1.2.20.1 Tenders must be received by the Purchaser at the address specified in the Notice Inviting Tenders not later than the prescribed time on due date.

1.2.21 Late Tenders

1.2.21.1 Any tender received by the Purchaser after the deadline for submission of tenders prescribed by the Purchaser, shall be rejected and returned unopened to the tenderer.

E. TENDER OPENING AND EVALUATION

1.2.22 Opening of Tenders

1.2.22.1 The purchaser shall open technical tenders in the presence of tenderers or their authorized representatives who chose to attend on opening date and time. The tenderer’s representatives, who are present, shall sign in an attendance register. Authority letter to this effect shall be submitted by the tenderers before they are allowed to participate in tender opening.

1.2.22.2 A maximum of two representatives for any tenderer shall be authorized and permitted to attend the tender opening.

1.2.23 Technical Evaluation

1.2.23.1 Purchaser shall evaluate the technical tenders to determine whether they are complete, whether the documents have been properly signed and whether the tenders are generally in order.

1.2.23.2 Prior to the Financial bid opening, pursuant to clause 1.2.24 (financial evaluation), the Purchaser will determine the substantial responsiveness of each tender to the Tender enquiry document. For purposes of these clauses, a substantially responsive tender is one, which conforms, to all the terms and conditions of the Tender Enquiry Document without material deviations. The Purchaser's determination of tender's responsiveness is to be based on the contents of the tender itself without recourse to extrinsic evidence.

1.2.23.3 A tender determined as substantially non-responsive will be rejected by the Purchaser and shall not, subsequent to the tender opening, be made responsive by the tenderer by correction of the nonconformity, or by submitting additional documents.

1.2.24 Financial Bid Opening/ Financial Evaluations and Comparison of Substantially Technical Responsive Tenders:

1.2.24.1 The purchaser shall shortlist those who are eligible and have submitted substantially technical responsive tender for opening of financial bid. The Financial Bids of Technically unsuccessful tenderers would not be opened and shall be destroyed in due course.

1.2.24.2 Arithmetical errors shall be rectified on the following basis. If there is a discrepancy between the unit price and total price that is obtained by multiplying the unit price and quantity, the unit price shall prevail and the total price shall be corrected by the Purchaser. If there is a discrepancy between words and figures, the amount in words shall prevail.

1.2.24.3 The evaluation and comparison of responsive bids shall be done on # TOTAL PRICE as indicated in the Price schedule (Chapter 5)

1.2.24.4 The Purchaser reserves the right to waive any minor infirmity or non-conformity or irregularity in a bid which does not constitute a material deviation, provided such waiver does not prejudice or affect the relative ranking of any tenderer.

F. AWARD OF CONTRACT

1.2.25 Acceptance of Offer and Placement of Order

1.2.25.1 The Purchaser shall consider placement of orders for commercial supplies on those tenderers whose offers have been found technically, commercially and financially acceptable and whose goods have been approved/validated by the purchaser.

1.2.25.2 The purchaser is not bound to accept the lowest rate or any other offer and the acceptance of the offer is entirely at the discretion of the Committee

1.2.26 Purchaser's Right to Vary Quantities at Time of Award

1.2.26.1 Dayalbagh Educational Institute will have the right to increase or decrease the quantity of goods and services specified in the schedule of requirements without any change in the unit price of the ordered quantities or other terms and conditions at the time of award of contract.

1.2.27 Purchaser's Right to Accept any Tender and to Reject Any or All Tenders

1.2.27.1 The Purchaser reserves the right to accept or reject any bid, and to annul the bidding process and reject all bids, at any time prior to award of contract without assigning any reason whatsoever and without thereby incurring any liability to the affected tenderer or tenderers on the grounds for the Purchaser's action.

1.2.28 Purchaser's right to award the order in part to tenderers

1.2.28.1 The purchaser reserves the right the award the items in the Schedule of Requirements (Chapter 3) single/ separate technically successful tenderers, if necessary.

1.2.29 Signing of Contract

1.2.29.1 A copy of the purchase order, together with its enclosures, duly signed and stamped by the authorized person(s) of the tenderer on each page will constitute the *contract* between the purchaser and the tenderer.

1.2.29.2 The successful bidder shall furnish the Performance Security Bond in pursuant to clause 2.1.4.

1.2.30 Annulment of Award:

1.2.30.1 Failure of the successful bidder to comply with the requirement of Clause 1.2.29 shall constitute sufficient ground for the annulment of the award and forfeiture of the bid security in which event the Purchaser may make the award to any other bidder at the discretion of Purchaser or call for new bids.

1.2.31 Submission of Invoices

1.2.31.1 Tenderers will have to submit Bills/Invoices on dispatch of stores, if ordered, to this office in triplicate duly pre-receipted and supported by the relevant delivery documents for audit and payment direct to them or to their bankers.

1.2.31.2 Generally, payments can be expected within one month and are made against acceptance of supplies/ jobs completed and in deserving cases, against shipment documents.

**CHAPTER 2
CONDITIONS OF THE CONTRACT**

**SECTION – I
GENERAL (COMMERCIAL) CONDITIONS OF CONTRACT**

2.1.1 Application

2.1.1.1 The General Conditions shall apply in contracts made by the Purchaser for the procurement of Goods.

2.1.2. Standards

2.1.2.1 The Goods supplied under this contract shall conform to the standards prescribed in the Technical Specifications mentioned in Chapter 3 and Chapter 4.

2.1.3 Patent Rights

2.1.3.1 The Supplier shall indemnify the Purchaser against all third-party claims of infringement of patent trade mark or industrial design rights arising from use of the goods or any part thereof.

2.1.4 Performance Security Bond

2.1.4.1 The supplier shall furnish Performance Security Bond to the purchaser for an amount equal to 10% of the value of purchase order within 7 days from the date of issue of Purchase Order by the Purchaser.

2.1.4.2 The proceeds of the performance security shall be payable to the Purchaser as compensation for any loss resulting from the supplier's failure to complete its obligations under the Contract.

2.1.4.3 The Performance Security Bond shall be in the form of Bank Guarantee only issued by a Scheduled Bank.

2.1.4.4 The Performance Security Bond will be discharged by the Purchaser after a period of sixty days beyond completion of the supplier's performance obligations including any warranty obligations under the contract.

2.1.5 Inspection And Tests

2.1.5.1 The Purchaser or his representative shall have the right to inspect and test the goods as per prescribed test schedules for their conformity to the specifications. Where the Purchaser decides to conduct such tests on the premises of the supplier or its subcontractor(s), all reasonable facilities and assistance like Testing instruments and other test gadgets shall be furnished to the inspectors at no charge to the purchaser.

2.1.5.2 Should any inspected or tested goods fail to conform to the specifications the purchaser may reject them and the supplier shall either replace the rejected goods or make all alterations necessary to meet Specification requirements free of cost to the purchaser.

2.1.5.3 Notwithstanding the pre-supply tests and inspections prescribed in clause 2.1.5.1 above, the equipment and accessories on receipt in the Purchaser's premises will also be tested during and after installation before "take over" and if any equipment or part thereof is found defective, the same shall be replaced free of all cost to the purchaser within 1 week.

2.1.5.4 When the performance tests called for have been successfully carried out and the complete system integration with end-to-end connectivity has been established, the inspector/ ultimate consignee will forthwith issue a Taking Over Certificate. The inspector/ ultimate consignee shall not delay the issue of any "Taking Over Certificate" contemplated by this clause on account of minor defects in the equipment

which do not materially affect the commercial use thereof provided that the supplier shall undertake to make good the same in a time period not exceeding six months. The Taking Over Certificate shall be issued by the ultimate consignee within six weeks of successful completion of tests.

2.1.5.5 Nothing in clause 2.1.5 shall in any way release the Supplier from any warranty or other obligations under this contract.

2.1.6. Delivery

2.1.6.1 Delivery of the goods and documents shall be made by the Supplier in accordance with the terms specified by the Purchaser in its Schedule of Requirements and conditions of the tender document and the goods shall remain at the risk of the Supplier until delivery has been completed. The delivery of the equipment shall be to the ultimate consignee as given in the purchase order.

2.1.7. Warranty

2.1.7.1 Comprehensive onsite warranty for 3 years from the date of commissioning of system including all peripherals and networking components. The parts which are not covered under warranty if any have to be clearly mentioned.

2.1.7.2 Replacement or repair under warranty clause shall be made by the supplier free of all charges at site including freight, insurance and other incidental charges.

2.1.8. Payment Terms

2.1.8.1 Payment shall be made on successful completion of installation and system integration.

2.1.8.2 No payment will be made for goods rejected at the site on testing.

2.1.9. Prices

2.1.9.1 (i) Prices charged by the supplier for goods delivered and services performed under the contract shall not be higher than the prices quoted by the Supplier in his Bid.

(ii) In the case of revision of Statutory Levies/Taxes during the finalization period of tender, the Purchaser reserves the right to ask for reduction in the prices.

(iii) Prices once fixed will remain valid during the scheduled delivery period. Increase of Taxes and other statutory duties will not affect the price during this period.

2.1.10 Force Majeure

2.1.10.1 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 is prevented or delayed by reasons of any war or hostility, acts of the public enemy, civil commotion, sabotage, fires, floods, explosions, epidemics, quarantine restrictions, strikes, lockouts or act of God (hereinafter referred to as events) provided notice of happenings of any such eventuality is given by either party to the other within 21 days from the date of occurrence thereof, neither party shall by reason of such event be entitled to terminate this contract. The contractor shall either party have any claim for damages against other in respect of such non-performance or delay in performance, and deliveries under the contract shall be resumed as soon as practicable after such an event comes to an end or ceases to exist, and the decision of the Purchaser as to whether the deliveries have been so resumed or not shall be final and conclusive. Further that if the performance in whole or part of any obligation under this contract is prevented or delayed by reasons of any such event for a period exceeding 60 days, either party may, at its option, terminate the contract.

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

2.1.11 Arbitration, Laws and Jurisdiction

2.1.11.1 Arbitration and Laws: In case of any dispute or difference arising out of or in connection with the tender conditions / order and Contract, the Institute and the Supplier will address the dispute / difference for a mutual resolution and failing which, the matter shall be referred for arbitration to a sole Arbitrator to be appointed by the Institute. The Arbitration shall be held in accordance with the provisions of the Arbitration and Conciliation Act, 1996 and the venue of arbitration shall be at Agra only. The resolution of the Arbitrator shall be final and binding on both the parties.

2.1.11.2 Jurisdiction: The courts at Agra alone will have the jurisdiction to try any matter, dispute or reference between parties arising out of this tender /contract. It is specifically agreed that no court outside and other than Agra court shall have jurisdiction in the matter.

SECTION – II
SPECIAL CONDITIONS OF CONTRACT

- 2.2.1. The special conditions of contract shall supplement the ‘Instructions to Tenderers’ as contained in Chapter 1 and “General (Commercial) Conditions of the Contract” as contained in Chapter 2, Section I and wherever there is a conflict, the provisions herein shall prevail over those in Chapter 1 and Chapter 2, Section I.
- 2.2.2. In case where EMD is not submitted in the manner prescribed THE BID SHALL BE REJECTED AND RETURNED TO THE TENDERER.
- 2.2.3. Purchaser reserves the right to disqualify such tenderers who have a record of not meeting contractual obligations against earlier contracts entered into with the purchaser.
- 2.2.4. Purchaser reserves the right to black list a tenderer for a suitable period in case he fails to honour his tender without sufficient grounds.
- 2.2.5. Any clarification issued by DEI in response to query raised by prospective tenderers shall form an integral part of tender enquiry documents and it may amount to amendment of relevant clauses of the tender enquiry documents.
- 2.2.6. The material shall be supplied in original packing from the manufacturer clearly indicating manufacturing date, expiry date & price etc.
- 2.2.7. The Performance Guarantee Bond would be returned after satisfactory execution of the contract and recovery cost charges, if any.
- 2.2.8. Since the quantities given are approximate, selected contractors can have no right for the quantity mentioned in the tender and the Dayalbagh Educational Institute reserves the right to vary the quantity mentioned.
- 2.2.9. Award of contract will be done after the tenderer selected if found to be technically, commercially and financially acceptable to Dayalbagh Educational Institute.
- 2.2.10. Dayalbagh Educational Institute reserves the right to:
 - a. Revise or alter the specifications before acceptance of any tender and accept or reject any or all tenders, wholly or partly or close the tender without assigning any reason whatsoever,
 - b. Blacklist a tenderer for a suitable period in case the tenderer fails to honour its tender without sufficient grounds.

SECTION – III
ELIGIBILITY/ PRE-QUALIFICATION REQUIREMENTS

- 2.3.1 This invitation for tenders is open to Original Equipment Manufacturers or their Registered/ Authorized Suppliers/ Distributors/ Dealers/ Authorized Sales & Service Partners. Authorization letter from the OEM (if OEM is not participating) to quote the bid shall be enclosed with the bid.
- 2.3.2 OEM should have at least one installation of similar products in India running successfully for the past two years
- 2.3.3 OEM should be present in India and should have their own manufacturing unit from last 5 years
- 2.3.4 All product must be BIS certified
- 2.3.5 OEM should have service center facility in India

CHAPTER 3
SCHEDULE OF REQUIREMENTS

Site	Name and Details of Item	Available (feet)		Quantity
		Height	Width	
Convocation Hall	Indoor Direct-View LED Display P 1.5 or better (lower pitch is regarded as better) based Solution OR LED/ OLED/ QLED Panel Video Wall based Solution (Refer to Chapter 4 (A) & (B) for detailed Specifications. Please quote for both Options)	7	9	Upto 4
International Seminar Hall	Indoor Direct-View LED Display P1.5 (lower pitch is regarded as better) or better based Solution OR LED/ OLED/ QLED Panel Video Wall based Solution (Refer to Chapter 4 (A) & (B) for detailed Specifications. Please quote for both Options)	12	20	
Outdoor	Outdoor Direct-View LED Display P 4 or better based Solution (lower pitch is regarded as better and is desirable) (Refer to Chapter 4 (D) for detailed Specifications)	9	12	Upto 3
Outdoor	Outdoor Direct-View LED Display P 4 or better (lower pitch is regarded as better and is desirable) based Solution (Refer to Chapter 4 (D) for detailed Specifications)	4	6	1
Classrooms/ Conference Rooms	Interactive Panel (86"/ 98") based Solution (Refer to chapter 4 (C) for detailed Specifications. Please quote for all)	Not Applicable		2 or more

CHAPTER 4
SPECIFICATIONS AND ALLIED TECHNICAL DETAILS

A) INDOOR DIRECT-VIEW LED DISPLAY WALL SOLUTION

A.1 INDOOR DIRECT-VIEW LED DISPLAY WALL – 1.5MM SPECIFICATION

Approved Makes: Barco/Delta/Daktronics/Mitsubishi/NEC or Equivalent Certified Brand

Parameter	Specifications
Pixel Pitch	1.5mm Indoor or better (Lower Pixel Pitch is considered better)
LED Configuration	RGB 3 in 1 SMD
Horizontal / Vertical Viewing Angle	H 160 deg / V 160 deg or better
Refresh Rate	>3000 Hz or better
Operating Temperature Range	5 to +40 Degrees C or better
Gray Scale Processing	15 Bit or better
Brightness (Calibrated)	800 cd/m ² or better
Maximum Power Consumption	900 w/sqm or lower
Contrast Ratio	3000:1 or better
Dimming Capability	256 levels
Power Input	100 ~ 240 VAC
IP Level	Front IP40 / Rear IP20
LED package vendor acceptable makes (Certificate from the LED package vendor to be provided during the supply certifying the same)	Nichia, Osram, Cree or Nationstar
International Safety Certifications(Mandatory to submit along with the bid)	CE certification for Compliance to CE Under Standards : EN 55022:2010 + AC:2011 Class A, EN 55024:2010+A1:2015, EN 61000-3-2:2014, EN 61000-3-3:2013, AS/NZS CISPR 22:2009+A1:2010
	UL Listed for Compliance to UL Standard For Safety : UL 60950-1 & CAN/CSA C22.2 No. 60950-1-07- Information Technology Equipment-Safety-Part 1: General Requirements
	FCC Certification for Compliance to FCC For Electro Magnetic Emission which may not cause harmful interference, and must not accept any interference received Under Standard : FCC CFR Title 47 Part 15 Subpart B: 2015 Class A, CISPR 22:2008, ANSI C63.4:2014, ICES-003 Issue 6:2016 : Class A
	BIS Registration (Bureau Of Indian Standards) As per Standard : IS 13252(PART 1) :2010
	CB Certification for Compliance to CB Standard for Safety : EN 60950-1:2006/A11:2009/A1:2010/A12:2011/A2:2013, IEC 60950-1(ed.2), IEC-1(ed.2);am1, IEC 60950-1(ed.2);am2
Quality/Health & Safety/Environmental Certifications of OEM/OEM subsidiary in India (Copy to be submitted along with the bid	Quality Management System 9001:2015 ,
	Occupation health & Safety Management System - OHSAS 18001:2007 ,
	Environmental Management System 14001: 2015
Installations by OEM	OEM should have at least one installation of similar Indoor Direct view LED wall in India running successfully for the past two years

2	<u>Power Distribution Unit</u>
Power Distribution Unit	A Power Distribution Unit to be provided to provide power to the LED walls.
Cable points	Cable entry and exit points should be provided in the rack
Mounting	Should be possible to mount the rack on a wall
AC input	100~ 230 Volt AC
AC out put	As per LED display requirement
AC Power Load Max	As per LED display requirements
AC power Load Max Each output	As per LED display requirement
Surge protection	Class C
3	<u>4K LED Controller</u>
Control Port	Ethernet
Signal Input	1x DP 1.2 connector, 1x HDMI 2.0 connector, 2x Dual link DVI connector
Signal Output	16 x Neutrik Gigabit Ethernet outputs, 4 x Fiber optical outputs
Synchronization	GENLOCK type: Blackburst. It is the GENLOCK synchronization signal which is used to ensure synchronization between the LED screen display and external GENLOCK source.
Input Voltage	100~240 VAC
Operating Temperature	10°C–60°C
4	<u>OEM should submit</u>
	i) Written commitment to provide technical support and spares for the LED Video Wall System for Five Years.
	ii) Documents indicating that OEM of LED Video Wall System should have direct regional support registered offices in North India since last five years.

A.2 MECHANICAL STRUCTURE FOR MOUNTING OF LED WALLS

Requirement	Suitable MS Structure for mounting the LED Displays to be provided
Material	Aluminum Extrusion should be used to for the structure to mount the LED walls to ensure precision installation
Brackets	Brackets to fasten the Aluminum extrusion to be made of MS with powder coating

A.3 DESKTOP COMPUTER (ONE PER INDOOR SITE)

Recommended Specification PC	
Operating System	WIN10 Pro 64 bit
HDD	1TB or higher with SSD option
RAM	16GB
Processor	Intel I7
Monitor (With DVI/HDMI I/P)	18" or larger

Display Output	DVI, HDMI and RGB
Display Memory	2GB Min

A.4 ADDITIONAL FEATURES/ CAPABILITIES

Additional Software/ Hardware based Functionality	
1	Lecture/ Conference Recording & Streaming. Recording should be possible from 3 or more inputs.
2	Video Conferencing system for at least 100 Users by Any Device, Anywhere with HD Video + HD Audio + Chat + Screenshare (Document + Photos and Video Clips) + Annotations & Co-Annotation + Cloud Recording. Integration of Video conference facility to display any of the installed cameras to far end in mixed form of two camera inputs in discussion mode or one camera and PC in presentation mode. VC system should have free mobile and desktop app for far end users for easy video conference interaction.
3	At least one PTZ camera/ Camera with Stand of min Full HD Resolution and 20x+ Zoom for video conferencing, lecture capture and streaming
4	Flexible integration and selection of Input sources like Laptop, Desktop , Camera, Video conference system. Upgrading resolution should be possible to match with resolution of display device. Should have facility to extend signal on fiber if required at site due to long distance transmission.
5	Proposed solution should integrate with existing PA system
6	Podium with Touch/ Interactive panel for annotation on PC content of video wall and controller.

B) VIDEO WALL – LCD/ OLED/ QLED BASED SOLUTION

B.1 DISPLAY SPECIFICATION

A	LCD	
Group	Specification Item	Detailed Specification
System	Display wall	It shall be made up of multiple modules to achieve a video wall
	Display technology	Liquid Crystal Display/ OLED/ QLED. Specifications in this table are for LCD only. This may be changed accordingly for OLED and QLED displays.
	Display size and resolution	The diagonal size of each display unit/ module shall be 55" with a native resolution of at least 1920x1080 pixels
	Combined bezel gap	Should be 3.5 mm
	Light source	LED for LCD based Wall
	Brightness	500 Cd/m ² ± 10% or better
	Color	Shall offer in excess of 16 million colors.
	Response time	8ms
	Viewing angle	H:178° V:178°
	Contrast ratio	should be minimum 4000:1
Architecture	The control box and power supply should be in the same housing to ensure quick swapping of module for repair with minimum downtime	
Signal	Input terminals	1x Digital DVI-I (include Analog RGB)

Interface		1x Digital HDMI	
		1x BNC CVBS video	
		1x RS232C Dsub-9	
		1x RS422 RJ45	
		1x Ethernet RJ45	
		Micro USB (WiFi connect port)	
	Output terminals	1x Digital DVI-D	
		1xRS422, RJ-45	
	Component input compatibility	480i, 480P, 720P, 1080i, 1080P	
	Scan rate	Fh : 30~75KHz Fv : 50~85Hz	
	Video compatibility	NTSC, PAL, SECAM	
	Timing compatibility	720x400 @ 70Hz, 85HZ VGA @60Hz, 72Hz, 75Hz, 85Hz SVGA @60Hz, 70Hz, 75Hz, 85Hz XGA @ 60Hz, 70Hz, 75Hz, 85Hz SXGA+ @60 Hz, 75 Hz UXGA @60 Hz HDTV @ 50 Hz,60 Hz	
	User controls	Power control:	1 AC power ON/OFF switch
Wire control:		RS232C/ RS422 input	
LED indicator		System indicator display to show system status	
IR remote		IR remote	
OSD style		list type OSD format	
On Screen display		Input selection, picture, image and tiling should be adjusted using OSD	
Colour adjustment		User should able to adjust the primary & secondary colours for color alignment and fine tuning	
OSD Languages		English	
Wall control & monitoring			Videowall should equipped with a wall control & monitoring system
			System should be based on Python- Django framework with web browser architecture
		Should able to control & monitor individual LCD module, multiple LCD modules and multiple video walls	
		System should able to schedule the system parameter/ properties in daily , sequentially and periodically mode.	
		Should provide a virtual remote on screen to control the videowall	
	Status log file should be downloadable in CSV format as per user convenience		
Electrical	AC power input range	90~240VAC, 50/60Hz, 5A max.	
	Power consumption	Normal operating should be < 209 W Standby mode < 2 W at 110VAC	
System Reliability	Operating temperature	0~40°C	
	Operating relative humidity	20~80%	
	MTBF	>= 50,000 hours	
B	CONTROLLER		
	Group	Specification Item	
	Display & Controller	Display & Controller should be preferably from the same manufacturer	
	Reputed Company	The OEM should be an established multinational in the field of video walls and should have installations around the world	
	Display controller	Controller to control displays with as many DVI outputs as panels & 4 Universal input along with necessary software's	
	Chassis	19" industrial Rack mount	

	Lockable front door to protect drives
Operating System Platform	Windows 10- 64 bit
Processor options	I5 or higher
RAM	Std. 4 GB DDR3 or higher
HDD	Support upto minimum 2 HDD Std.: 500 GB or higher
Networking	Dual-port Gigabit Ethernet Controller inbuilt Supports Add on copper/ optical fiber adapters
Input / Output supported	Serial ATA LAN * 2x RJ45 LAN ports USB 2.0 port
RAID	RAID 0, 1, 5, 10 support
Power Supply	(1+1) Redundant hot swappable
Cooling	Forced cooling
Indicators	LED's for HDD activity and Power status
Switches	Power On/Off and System Reset
Monitoring options	CPU, FAN, Temperature
Accessories	DVD +RW ,Keyboard and mouse
Voltage	100-240V @ 50/60 Hz
Redundancy support	Power Supply HDD Cooling FAN LAN ports
Scalability	Display multiple source windows in any size, anywhere on the wall
Control functions	Brightness / contrast / saturation/ Hue/ Filtering/ Crop / rotate
Outputs	DVI
Resolution support	DVI: at least 1920x1200 RGB: 2048x1536
Universal Inputs	4 Universal input
Accessories	DVD-R,DVD+RW,, Keyboard, mouse
Power Supply	(1 + 1) Redundant AC-DC high-efficiency power supply * AC Voltage 100 - 240V, 50-60Hz
Operating Conditions	* Operating Temperature: 10° to 40°C (50° to 95°F) * Non-operating Temperature: -40° to 70°C (-40° to 158°F) * Humidity: 10 – 90% non-condensing
Wall management SW	
Scaling and display	Software tp enable the user to display multiple sources in any size and anywhere on the display wall.
Auto Source Detection	Software should support for auto source detection
Layout Management	Should support for Video, RGB, DVI, ,Internet Explorer, Desktop Application and Remote Desktop Monitoring Layouts
Scenarios	Software should able to Save and Load desktop layouts from Local or remote machines
Layout Scheduler	All the Layouts can be scheduled as per user convenience Software should support auto launch of Layouts according to specified time or event by user
Layout Preveiw	Software should support layout preview option
Launch Application	Software should be able to support
Integration with 3rd party devices	System should offer interface to enable control from 3rd party devices like Creston ,AMX etc.
Live Preview	Software should able to provide live preview of videowall
Work space allocation	System should provide functionality to the administrator to define and allocate work space for a particular operator or a group of operators when working on a Video wall
Authentication	Software should offer 4 levels of Authentication (User accounts, Permissions for functionality & Roles etc).
Offline Layouts	It should be possible to create offline layouts
User friendly	Software should be user friendly
Ticker	Ticker message can be positioned anywhere on the display wall. Inside the ticker window, font size, colour and background can be set
Ticker Type	Software should able to prepare three kinds of tickers: text ticker, RSS ticker and time

	ticker
SNTP	System should support SNTP function
Protection	System should have Hardware License key to protect the software from unauthorized access.
Pre- Qualification Requirements	OEM should be present in india with their own manufacturing unit from last 5 years
	All product must be BIS certified
	Display and controller should be from same OEM to avoid intergration issues during setup or later
	OEM should have service center facility in India

B.2 DESKTOP COMPUTER

Recommended Specification PC	
Operating System	WIN10 Pro 64 bit
HDD	1TB or higher with SSD option
RAM	16GB
Processor	Intel I7
Monitor (With DVI/HDMI I/P)	18" or larger
Display Output	DVI, HDMI and RGB
Display Memory	2GB Min

B.3 ADDITIONAL FEATURES/ CAPABILITIES

Additional Software/ Hardware based Functionality	
1	Lecture/ Conference Recording & Streaming. Recording should be possible from 3 or more inputs.
2	Video Conferencing system for at least 100 Users by Any Device, Anywhere with HD Video + HD Audio + Chat + Screenshare (Document + Photos and Video Clips) + Annotations & Co-Annotation + Cloud Recording. Integration of Video conference facility to display any of the installed cameras to far end in mixed inputs in discussion mode or one camera and PC in presentation mode. Conferencing system should have free mobile and desktop app for far end users for easy video conference interaction.
3	At least one PTZ camera/ Camera with Stand of min Full HD Resolution and 20x+ Zoom for video conferencing, lecture capture and streaming
4	Flexible integration and selection of Input sources like Laptop, Desktop , Camera, Video conference system. Upgrading resolution should be possible to match with resolution of display device. Should have facility to extend signal on fiber if required at site due to long distance transmission.
5	Proposed solution should integrate with existing PA system
6	Podium with Touch/ Interactive panel for annotation on PC content of video wall and controller.

C) INTERACTIVE PANEL BASED SOLUTION

Specifications for Interactive Panel		
	86 inch	98 inch
Display Technology	Backlit LED (IPS Panel with H7 Hardness & Anti-Glare Glass)	Backlit LED (IPS Panel with H7 Hardness & Anti-Glare Glass)
Panel Size; Aspect Ratio	86 inch, 16:9	98 inch, 16:9
Brightness (Typ/Min)	350cd/m2 or better	450cd/m2 or better
Contrast Ratio (Typical)	3500:1 or better	4000:1 or better
Native Resolution	4K Ultra-HD (3840 x 2160)	
Viewing Angle (Horiz/Vert)	178°/178°	
Display Response Time (MS)	8ms (Typical)	5ms
Refresh Rate (Hz)	60Hz	120Hz
Display Color (Bit)	8bit or better	
Orientation	Landscape	
Touch Technology	Infrared Touch/ Capacitive	
Touch Points	10 Points or better	10 Points or better
Touch Accuracy, Touch Response Time	±2mm, <20ms	±2mm, <20ms
Surface Protection	Level 7H on Mohs Scale of Mineral Hardness	
Minimum Touch Object	Single Touch ≥Φ6mm and Multi Touch ≥Φ8mm	
Touch Tools	Finger, Stylus, Glove, Opaque Objects	
Gestures Supported	Yes	
System Version	Android™ v5.0.1/v5.1.1 or higher	Android™ v5.0.1/v5.1.1 or higher
CPU	RK3399, Dual-Core ARM® Cortex® A72 and Quad Core ARM® Cortex® A53 or equivalent or better	ARM® Cortex® A9 Dual Core CPU or equivalent or better
GPU	Mali™ T860 Mali™ T860 or equivalent	Quad Core GPU
RAM Compatibility	2GB DDR3 or higher	2GB DDR3 or higher
Internal Storage	8GB (eMMC Flash)	8GB
OS Compatibility	Windows® (Windows 7 and above: Driver Free), Mac® (10.10 and above), Android™ [2.2/2.3/4.0/4.1/4.2 (Kernel v3.5 and above - Driver Free)], Chrome (v39 and above), Linux (Kernal v3.5 and above)	
OPS/ Windows PC Module	Intel i5 or equivalent, 4GB RAM, 500GB HDD	
I/O Ports	HDMI v2 (x1), HDMI v1.4 (x2), DisplayPort (x1), VGA-In (x1), Audio-In (3.5mm)(x1), AV-In(x1), HDMI-Out (1080P) (x1), Audio-Out (3.5mm) (x1), Coaxial-Out (RCA) (x1), LAN (RJ45) (x1), RS232 (x1), USB Type A 2.0(x4), USB Type A 3.0(x2), USB Type B (x2)	HDMIv1.4(x1),HDMIv1.3(x3) AV-In (x1), VGA-In (x3), Audio-I (x3), VGA-Out (x1), Audio-Out (3.5mm (x1)), Coaxial-Out(RCA) (x1),LAN(RJ45)(x1),RS232(x1 USB Type A 2.0 (x4), USB 3.0 (x1), USB Type B (x2)
Internal Speakers	12W (x2) (Stereo) or better	10W (x2) (Stereo) or better
Power Supply (Internal)	AC 100-240V, 50/60Hz	
Accessories (Standard)	AC Power Cord, VGA Cable, USB Cable, Audio Cable, Stylus (x3), Remote Control, Wall Mount Kit, Documentation Kit	

Accessories	USB Launcher
Additional Features	<ol style="list-style-type: none"> 1. Mirroring for iOS Airplay®, Android™ Miracast, Windows® PC, Apple® macOS™, Google Chromebook™ –OS independent 2. Wireless facility with 802.11n/ac dual-band 2.4/5GHz support 3. Remote manager with IT management software with automatic discovery and configuration 4. Voting and polling functions 5. Connect up to 64 users simultaneously, and allow 4 people to present on one display 6. Lecture Recording & Streaming Software 7. Conferencing for atleast 100 Users by Any Device, Anywhere with HD Video + HD Audio + Chat + Screenshot (Document + Photos and Video Clips) + Annotations & Co- Annotation + Cloud Recording. 8. Digital Teaching Software:- <ol style="list-style-type: none"> a. Virtual Whiteboard + Live View + Live Interactivity b. Email + Export (PDF) + Print your work. c. Import PPT, PDF Images, Video etc. Files d. Text to Speech Tools. 9. At least one PTZ camera of min Full HD Resolution and 20x+ Zoom for lecture capture and one camera mounted on panel for video conferencing. 10. Audio system with two collar microphones, one handheld microphone and external speakers.
Lifetime (Typical)	30,000 Hours (Minimum)

D) OUTDOOR DIRECT-VIEW LED DISPLAY P4 OR BETTER (LOWER PITCH IS REGARDED AS BETTER) BASED SOLUTION

D.1 DISPLAY

Parameter	Specifications
LED Panel:	High Resolution Outdoor Direct-View LED Display
Pixel Pitch	4 mm or better(Lower pitch is regarded as better)
LED Configuration	RGB 3 in 1 SMD
Half Gain Horizontal / Vertical Viewing Angle	H 140 deg / V 90 deg or better
Temp Range	-20 to +50 Degrees C or better
Gray Scale Processing	16 Bit or better
Brightness (Calibrated)	Minimum 5000 cd/m ² or better
Maximum Power Consumption	850 w/sqm or lower
Dimming Capability	255 levels
Power Input	100 ~ 240 VAC
Individual Tile/Cabinet Dimensions	As per OEM
Contrast Ratio	Minimum 1500:1 or better
Lifetime	100000 hrs or higher
Access For Maintenance	Rear
IP Level	Front IP65 / Rear IP54 or better
International Safety Certifications(Mandatory to submit along with the bid)	CE certification for Compliance to CE Under Standards : EN 55022:2010 + AC:2011 Class A, EN 55024:2010+A1:2015, EN 61000-3-2:2014, EN 61000-3-3:2013, AS/NZS CISPR 22:2009+A1:2010 UL Listed for Compliance to UL Standard For Safety : UL 60950-1 & CAN/CSA

	C22.2 No. 60950-1-07- Information Technology Equipment-Safety-Part 1: General Requirements
	FCC Certification for Compliance to FCC For Electro Magnetic Emission which may not cause harmful interference, and must not accept any interference received Under Standard : FCC CFR Title 47 Part 15 Subpart B: 2015 Class A, CISPR 22:2008, ANSI C63.4:2014, ICES-003 Issue 6:2016 : Class A
	BIS Registration (Bureau Of Indian Standards) As per Standard : IS 13252(PART 1) :2010
	CB Certification for Compliance to CB Standard for Safety : EN 60950-1:2006/A11:2009/A1:2010/A12:2011/A2:2013, IEC 60950-1(ed.2), IEC-1(ed.2);am1, IEC 60950-1(ed.2);am2
Quality/Health & Safety/Environmental Certifications of OEM/OEM subsidiary in India (Copy to be submitted along with the bid	Quality Management System 9001:2015 ,
	Occupation health & Safety Management System - OHSAS 18001:2007 ,
	Environmental Management System 14001: 2015
LED package vendor acceptable makes(certificate from the LED package vendor to be provided during the supply certifying the same)	Cree/Nichia/Nationstar or equivalent

D2 : RACK FRAME POWER DISTRIBUTION UNIT

Parameter	Specifications
	An IP 54 rack shall be provided to house the various components required to drive the Outdoor LED wall. The rack shall be at least 13 U high with a provision to mount 19" wide equipments.
Locking Arrangement	To be provided with a locking system
Limit Switch	The rack door to be provided with a limit switch
Earthing	Earthing studs should be provided in the rack for earthing purposes
Cable points	Cable entry and exit points should be provided in the rack
Mounting	Should be possible to mount the rack either on a pole or on a wall with options of different mounting types
IP rating	IP54
AC input	380V/220V
AC Power Load Max	45KW
AC power Load Max Each output	5KW
Surge protection	Class C
Over temperature protection	Selectable from 30 deg to 60 deg C
Remote Control	Power Distribution Unit can be controlled from remote location over IP

D3: LED CONTROLLER

Parameter	Specifications
Control Port	RS232
Signal Input	DVI with resolution capability of 1920 x 1200 or better
Signal Output	RJ45
Input Voltage	100~240 VAC
Operating Temperature	5~40 Deg C

D4: AUTOMATIC DATA PROCESSING MACHINE

Parameter	Specifications
Display & Controller	Display & Controller should preferable be from the same manufacturer
Reputed Company	The OEM should be an established multinational in the field of video walls and should

	have installations around the world
Display controller	Windows based Controller to control required displays with required 2 HDMI & 2 universal, input & 1 output along with necessary software's
Chassis	Industrial Rack mount
	Lockable front door to protect drives
Operating System Platform	Windows 10
Processor options	I5 or better
RAM	Std. 8 GB DDR3 or higher
HDD	Support up to minimum 2 HDD
	Std.: 500 GB
Networking	Dual-port Gigabit Ethernet Controller inbuilt
	Supports Add on copper/ optical fiber adapters
Input / Output supported	Serial ATA
	LAN
	* 2x RJ45 LAN ports
	USB 2.0/ USB 3.0 port
RAID	RAID 0, 1, 5, 10 support
Power Supply	(1+1) Redundant hot swappable
Cooling	Forced cooling
Indicators	LED's for HDD activity and Power status
Switches	Power On/Off and System Reset
Accessories	DVD +RW ,Keyboard and mouse
Voltage	100-240V @ 50/60 Hz
Redundancy support	Power Supply
	HDD
	Cooling FAN
	LAN ports
Scalability	Display multiple source windows in any size, anywhere on the wall
Control functions	Brightness / contrast / saturation/ Hue/ Filtering/ Crop / rotate
Inputs	Minimum 4 universal input, 6 HDMI inputs and 2 SDI inputs
Outputs	Minimum 4 DVI outputs (each must support 1920x 1200 resolution)
Resolution support	DVI: 1920x1200 RGB: 2048x1536 or higher
Accessories	DVD-R,DVD+RW,, Keyboard, mouse
Power Supply	(1 + 1) Redundant AC-DC high-efficiency power supply
	* AC Voltage 100 - 240V, 50-60Hz
Operating Conditions	* Operating Temperature: 10° to 40°C (50° to 95°F)
	* Non-operating Temperature: -40° to 70°C (-40° to 158°F)
	* Humidity: 10 – 90% non-condensing
Mandatory Indian Certifications(BIS Registration copy to be submitted with the bid)	BIS Registration (Bureau Of Indian Standards) As per Standard : IS 13252(PART 1) :2010
Wall management SW	
Scaling and display	Software to enable the user to display multiple sources in any size and anywhere on the display wall.
Auto Source Detection	Software should support for auto source detection
Layout Management	Should support for Video, RGB, DVI, Internet Explorer, Desktop Application and Remote Desktop Monitoring Layouts
Scenarios	Software should able to Save and Load desktop layouts from Local or remote machines
Layout Scheduler	All the Layouts can be scheduled as per user convenience
	Software should support auto launch of Layouts according to specified time or event by user
Layout Preview	Software should support layout preview option
Launch Application	Software should be able to support
Integration with 3rd party devices	System should offer interface to enable control from 3rd party devices like Creston ,AMX etc.

Live Preview	Software should be able to provide live preview of video wall
Work space allocation	System should provide functionality to the administrator to define and allocate work space for a particular operator or a group of operators when working on a Video wall
Authentication	Software should offer 4 levels of Authentication (User accounts, Permissions for functionality & Roles etc).
Offline Layouts	It should be possible to create offline layouts
User friendly	Software should be user friendly
Ticker	Ticker message can be positioned anywhere on the display wall. Inside the ticker window, font size, colour and background can be set
Ticker Type	Software should be able to prepare three kinds of tickers: text ticker, RSS ticker and time ticker
SNTP	System should support SNTP function
Protection	System should have Hardware License key to protect the software from unauthorized access.

D5: MEDIA PLAYER

Parameter	Specifications
Media Player with built in Playout software	Of reputed manufacturers
Processor	Intel
OS	Linux based
Internal drive	60 GB Solid State Drive
Output	HDMI/Display Port for Graphics
Operating System	
Video	At least should support MPEG-4, WMV, Quicktime
Audio	MP3,WAV
Image	JPEG, PNG,BMP,GIF
Text	Multiple fonts, Speeds, colors, animations
Internet	HTML, XML Files, RSS newsfeeds
Others	1 or more
Video Zones	
Network	Ethernet 1000/100/10 (RJ45) and WiFi

D6: MECHANICAL STRUCTURE FOR MOUNTING OF LED WALLS

Mounting Structure	LED wall should be mounted on bipole. Structure should be earthed properly and provided with lightning arrester as well.
Material	Should be made from mild steel and painted black along with antirust coating.

D7: DESKTOP COMPUTER/ LAPTOP

Recommended Specification PC	
Operating System	WIN10 Pro 64 bit
HDD	1TB or higher with SSD option
RAM	8GB
Processor	Intel I7
Monitor (With DVI/HDMI I/P) for Desktop	18" or larger
Display Output	DVI, HDMI and RGB
Display Memory	2GB Min

D8: COMMUNICATION INTERFACE DEVICE

Parameter	Specifications
Ethernet Interface	
Number of Ports	One 8 pin RJ45
Speed	10/100 Mbps, auto MDI/MDIX
Serial Interface	
Number of Ports	One
Serial Standards	RS-232 on DB 9 connector
Serial Communication Parameters	
Data Bits	5, 6, 7, 8
Stop Bits	1, 1.5, 2
Parity	None, Even, Odd, Space, Mark
Flow Control	RTS/CTS and DTR/DSR (RS-232 only), XON/XOFF
Baudrate	110 bps to 230.4 kbps
Serial Signals	
RS-232	TxD, RxD, RTS, CTS, DTR, DSR, DCD, GND
Software	
Network Protocols	ICMP, IPv4, TCP, UDP, DHCP, BOOTP, Telnet, DNS, SNMP V1, ARP, HTTP, SMTP
Configuration Options	Web Console, Serial Console, Telnet Console, Windows Utility
Physical Characteristics	
Housing	Metal
Weight	340 g or less
Dimensions	With ears: 75.2 x 80 x 22 mm
Environmental	
Operating Temperature	0 to 55°C
Ambient Relative Humidity	5 to 95% (non-condensing)
Power Requirements	
Input Voltage	12 to 48 VDC
Input Current	128.7 mA @ 12 VDC
Certifications	
Safety	UL 60950-1
EMC	EN 55022/24

D9: OUTDOOR CABINET AIR CONDITIONER

Parameter	Specifications
Power Supply	230VAC ±15% 50Hz/60Hz
Working Temperature Range	-40 to + 55 deg C
Max Noise Level	60dB(A)
IP Grade	IP55
Weight	< 16 Kg
Refrigerant	R134a for harsh conditions
Dimensions	550 x 320 x 175 mm(Hx WxD)
CE & ROHS Compliant	Yes
Surface treatment	Outdoor type power coating
Cooling Capacity	500W@L35/L35
Power Consumption	210W@L35/L35
Power Supply	230±15% AV 50/60 Hz

Internal Airflow	120 m ³ /h
Maximum Noise Level	60dB(A)
Display Panel	Should be provided with a display panel to show parameters like cabinet temperature, indications for - cooling, running of external fans, flashing on alarm
Anti-theft design	The mounting of the AC should have an anti-theft design
Communication from AC	AC should be able to send diagnostic communication to remote location over IP

D10: NETWORK SWITCH

Parameter	Specifications
Switching Capacity	1 Gbps
No. of ports	5
Power Supply	DC 5 V / 0.55 A
Casing	Plastic
802.3x flow control	yes
Auto MDI/MDIX	yes

D11: ROUTER

Parameter	Specifications
Uplink	1*LTE module (dual SIM), 1*RJ45 FE (configurable)
LAN-RJ45	3(4)*RJ45 FE
LAN-Wi-Fi	11n 2T2R
Mgmt. Port	1*RJ12 RS232 (Console)
Log Storage	1*USB 2.0
Cellular Band ²	LTE: 800/900/1800/2100/2300/2600 MHz,UMTS: 850/900/1900/2100 MHz, GPRS/EDGE: 850/900/1800/1900 MHz
Antenna	2*5dBi detachable ant.(WiFi), 2*3dBi detachable ant. (3G/4G)
Power Source	Dual DC 9V ~ 48V
WAN Functions	
WAN	Multiple WANs, Failover / Load Balance, Configurable Ethernet/4G
Cellular	2G/3G/LTE, IP Pass-through
Ethernet	Dynamic IP, Static IP, PPPoE, PPTP, L2TP
IPv6	Dual Stack, 6-in-4, 6-to-4
Basic Functions	
Ethernet	LAN IP, Subnet Mask
WiFi System	802.11n 2T2R MIMO 300Mbps (2.4GHz)
WiFi Operation	AP Router, WDS, WDS Hybrid Modes
WiFi Security	WEP, WPA,WPA2, WPA-PSK, WPA2-PSK, 802.1x
VLAN	Port-based, Tag-based
NAT	Virtual Server/Computer, DMZ Host, PPTP/L2TP/IPSec Pass-Through
Routing	Static, Dynamic: RIP1/RIP2, OSPF, BGP

QoS	Policy-based Bandwidth Control and Packet Flow Prioritization
Redundancy	VRRP
Object Definition	
Scheduling	Time Schedule List
Grouping	Host Grouping List
External Server	Email, Syslog, RADIUS, SCEP, FTP
Certificate	My Certificate, Trusted Certificate, Issue Certificate
Security	
VPN Tunneling	IPSec, OpenVPN, PPTP, L2TP, GRE; Tunneling with Full Tunnel, Tunnel Failover
VPN Scenario	Site to Site, Site to Host, Host to Site, Host to Host, Hub and Spoke, Dynamic VPN
VPN Capability	IPSec: up to 16 tunnels
Firewall	SPI Firewall with Stealth Mode, IPS
Access Control	Packet Filter, URL Blocking, MAC Filter
Authentication	Captive Portal
Service	
Cellular Toolkit	SMS, Data Usage, SIM PIN, USSD, Network Scan
Event Handling	Managing / Nofiguring Events; SMS, Syslog, SNMP Trap, Email Alert, Reboot
Administration	
Configure & Management	Web, Telnet CLI, Command Script, TR-069, SNMPv3 standard & AMIT MIB
System Operation	MMI, System Information, System Time, System Log, Backup & Restore, Reboot & Reset
FTP	FTP Server, User Account
Diagnostic	Packet Analyzer, Diagnostic Tools
Dimension	
Device (LxWxH)	187x110x31mm (w/o mounting kit) 225x110x39mm (with mounting kit)
Environment	
Operation Temp.	-20°C ~ 60 °C
Storage Temp.	-40°C ~ 85 °C
Humidity	10% ~ 95% (non-condensing)

D12: CONTENT MANAGEMENT SOFTWARE

Signage & Content Manager (Software & Hardware)	To be able to create playlists and send them over the network to 100 media players or more for playout based on schedule and sequencing. This software to be loaded on suitable hardware to be supplied by the vendor
License support	The license of the software should support management of more than 200 video walls
Playlist Automation	Flexible scheduling based on day, date and time; Playlist Scheduling; Emergency Override
Content Distribution	Scalable, simultaneous publishing, at least 100 simultaneous subscribers

Content Management	Design simplified user interfaces
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D13: AUTO BRIGHTNESS SENSOR

Rated voltage	5V
Operating temperature	-30°C~70°C
Operating humidity	0~99%
Brightness range	0~65535 lux
Cable	5m
Features	<ul style="list-style-type: none"> • Monitor the ambient brightness to achieve automatic brightness adjustment of LED display • Asynchronous • Outdoor use proofing • No external power supply required

E) SCOPE FOR INSTALLATION

Complete Supply, Installation, Configuration, Testing and Commissioning of all the delivered equipment with necessary mounts, cables and accessories.

**CHAPTER 5
PRICE SCHEDULE**

Supplier's Ref No. & Date: -

Tender No. : -

PRICE SCHEDULE

SNo	Description of Item & Specifications	Warranty Period	Unit Price (Rs.)	Discount %	GST %	Services * (Rs.)	Total Price
I	II	III	IV	V	VI	VII	VIII
		Available (feet)					
		Height	Width				
1	Indoor Direct-View LED Display P 1.5 or better (lower pitch is regarded as better) based Solution** (Refer to Chapter 4 (A) for detailed Specifications)	7	9				
2	LED/ OLED/ QLED Panel Video Wall based Solution (Refer to Chapter 4 (B) for detailed Specifications.)	7	9				
3	Indoor Direct-View LED Display P1.5 (lower pitch is regarded as better) or better based Solution (Refer to Chapter 4 (A) for detailed Specifications)	12	20				
4	LED/ OLED/ QLED Panel Video Wall based Solution (Refer to Chapter 4 (B) for detailed Specifications.)	12	20				
5	Outdoor Direct-	9	12				

	View LED Display P 4 or better based Solution (lower pitch is regarded as better and is desirable) (Refer to Chapter 4 (D) for detailed Specifications)								
6	Outdoor Direct-View LED Display P 4 or better (lower pitch is regarded as better and is desirable) based Solution (Refer to Chapter 4 (D) for detailed Specifications)	4	6						
7	Interactive Panel (86") based Solution (Refer to Chapter 4 (C) for detailed Specifications.)	Not Applicable							
8	Interactive Panel (98") based Solution (Refer to Chapter 4 (C) for detailed Specifications.)								

* All services must be indicated clearly. Refer to Chapter 1, Section II, Clause 1.2.1 for definition of 'Services'

** In case of a solution, cost of each subitem (see Chapter 4) in the solution should also be clearly specified

Sign of tenderer: - _____

Date: - _____

Name of the tenderer:- _____

Firm's Name:- _____

CHAPTER 6
CONTRACT FORM

Please Refer to Clause 1.2.29, Section II, Chapter 1.

**CHAPTER 7
OTHER FORMS**

FORM 1

**TENDER ACCEPTANCE FORM
(To be given on Company Letter Head)**

Date:

To,

Sub: Acceptance of Terms & Conditions of Tender.

Tender Reference No: _____

Name of Tender / Work: -

Dear Sir,

1. I / We have downloaded / obtained the tender document(s) for the above mentioned 'Tender/Work' from the web site(s) namely:

as per your advertisement, given in the above mentioned website(s).

2. I / We hereby certify that I / we have read the entire terms and conditions of the tender documents (including all documents like annexure(s), schedule(s), etc .), which form part of the contract agreement and I / we shall abide hereby by the terms / conditions / clauses contained therein.

3. The corrigendum(s) issued from time to time by your department/ organisations too have also been taken into consideration, while submitting this acceptance letter.

4. I / We hereby unconditionally accept the tender conditions of above mentioned tender document(s) / corrigendum(s) in its totality / entirety.

5. I / We do hereby declare that our Firm has not been blacklisted/ debarred by any Govt. Department/ Public sector undertaking/ Govt. Autonomous organisations.

6. I / We certify that all information furnished by the our Firm is true & correct and in the event that the information is found to be incorrect/untrue or found violated, then your department/ organisation shall without giving any notice or reason therefore can summarily reject the bid or terminate the contract, without prejudice to any other rights or remedy including the forfeiture of the full said earnest money deposit absolutely.

Yours faithfully,

**(Signature of the Bidder, with
Official Seal)**

PARTICULARS FOR PERFORMANCE GUARANTEE BOND

(To be typed on Non-judicial stamp paper of the value of Indian Rupees of Two Hundred) (TO BE ESTABLISHED THROUGH ANY OF THE NATIONALISED BANKS (WHETHER SITUATED AT AGRA OR OUTSTATION) WITH A CLAUSE TO ENFORCE THE SAME ON THEIR LOCAL BRANCH AT AGRA. BONDS ISSUED BY CO-OPERATIVE BANKS ARE NOT ACCEPTED.)

To,
 Registrar
 Dayalbagh Educational Institute
 (Deemed to be University)
 Dayalbagh
 Agra 282005
 Uttar Pradesh

LETTER OF GUARANTEE

WHEREAS Dayalbagh Educational Institute, Agra (Buyer) have invited Tenders vide Tender No..... Dated..... for purchase of
 AND WHEREAS the said tender document requires the supplier/firm (seller) whose tender is accepted for the supply of items, etc. in response thereto shall establish an irrevocable Performance Guarantee Bond in favor of **“Dayalbagh Educational Institute (Deemed to be University), Agra”** in the form of Bank Guarantee for Rs..... [10% (ten percent) of the purchase value] which will be valid for entire warranty period (up to date.....) from the date of installation & commissioning, the said Performance Guarantee Bond is to be submitted within 30 (Thirty) days from the date of Acceptance of the Purchase Order.

NOW THIS BANK HEREBY GUARANTEES that in the event of the said supplier/firm (seller) failing to abide by any of the conditions referred to in tender document / purchase order / performance of the instrument / machinery, etc. this Bank shall pay to Dayalbagh Educational Institute (Deemed to be University), Agra on demand and without protest or demur Rs (Rupees.....).

This Bank further agrees that the decision of Dayalbagh Educational Institute (Deemed to be University), Agra (Buyer) as to whether the said supplier/firm (Seller) has committed a breach of any of the conditions referred in tender document / purchase order shall be final and binding.

We, (name of the Bank & branch) hereby further agree that the Guarantee herein contained shall not be affected by any change in the constitution of the supplier/ firm (Seller) and/ or Dayalbagh Educational Institute (Deemed to be University), Agra (Buyer).

Notwithstanding anything contained herein:

a. Our liability under this Bank Guarantee shall not exceed Rs.....

(Indian Rupees only).

b. This Bank Guarantee shall be valid up to(date) and

c. We are liable to pay the guaranteed amount or any part thereof under this bank guarantee only and only if Dayalbagh Educational Institute (Deemed to be University), Agra serve upon us a written claim or demand on or before..... (date).

This Bank further agrees that the claims if any, against this Bank Guarantee shall be enforceable at our branch office at situated at

.....

.....

(Address of local branch).

Yours truly,

Signature and seal of the guarantor:

Name of the Bank:

Complete Postal Address:

Date:

PROFORMA FOR PERFORMANCE STATEMENT

(For the period of last three years)

Tender Reference No: _____

Name and address of the Tenderer: _____

Order placed by (full address of Purchaser)	Order number and date	Description and quantity of ordered goods and services	Value of order (Rs.)	Have the goods been functioning Satisfactorily (attach documentary proof)*
1	2	3	4	5

Signature and seal of the Tenderer

* The documentary proof will be a certificate from the consignee/ end user with cross-reference of order no. and date in the certificate along with authenticating the correctness of the information furnished. If at any time, information furnished is proved to be false or incorrect, the earnest money *furnished will be forfeited.*

CHECKLIST FOR TENDERERS

Name of Tenderer: _____

Sl No.	Activity	Yes/ No/ NA	Remarks
1.	Enclosed EMD of required amount in the form indicated in the Notice Inviting Tenders		
2.	Enclosed Certificate of Incorporation/ Firm registration certificate		
3.	Enclosed Certificate of Authorization from OEM?		
4.	Enclosed GST No. Certificate?		
5.	Enclosed PAN Card?		
6.	Enclosed Firm's Bank A/c details?		
7.	Enclosed Performance Statement (Form 3) as per Chapter 2, Section III along with relevant copies of orders and end users' satisfaction certificate?		
8.	Enclosed Compliance to specifications as per Chapter 3 and Chapter 4. Note that any deviations in any clause must be marked and indicated clearly?		
9.	Are you eligible to tender as per Chapter 2, Section III of the Tender Enquiry Document?		
10.	Enclosed Tender Acceptance Form [as per Chapter 7, Form 1] along with the tender enquiry document duly signed and stamped by the authorized person/persons?		
11.	Enclosed Price Schedule [as per Chapter 5]?		

Signature and seal of the Tenderer