



भारतीय प्रबंध संस्थान इंदौर

INDIAN INSTITUTE OF MANAGEMENT INDORE

प्रबंध शिखर, राउ-पीथमपुर रोड, इंदौर- ४५३५५६ (म.प्र.), भारत

दूरभाष: ०७३१-२४३९ ६२०

Prabandh Shikhar, Rau-Pithampur Road, Indore - 453556 (M.P.), India
Ph. 0731-2439 620

Tender Notice No.: IIMI/Project/12/2017/46

Technical cum Commercial Bid

Name of Work:

Balance works in respect of the work of "Construction of Interior fit out for MDP Class rooms, Faculty cabins, in the Academic block of IIM Indore - Civil & Joinery, Electrical, Audio Visual & allied works"

Certified that the NIT Document contains 18 pages

Dated: September 22, 2017

NOTICE INVITING TENDER

Ref: Tender Notice No. IIMI/Project/12/2017/46

IIM Indore invites item rate tender under two bid system (Part-I Earnest Money and Technical bid & Part-II Financial bid) for the under mentioned work. Schedule of item & quantity is attached as annexure -1 to this notice.

Part "A" : NIT Details

1	Name of Work	Balance works in respect of the work of "Construction of Interior fit out for MDP Class rooms, Faculty cabins, in the Academic block of IIM Indore - Civil & Joinery, Electrical, Audio Visual & allied works
2	Estimated Cost Put to Tender	Rs.19,66,435/-
3	Earnest Money Deposit (Rs.)	Rs.39,330/- by e-payment through electronic mode or DD or bankers cheque.
4	Tender Processing Fee (Rs.)	Rs.500/-by e-payment through electronic mode or DD or bankers cheque. (Non-Refundable)
5	Completion period	60 Days
6	Last date & time of receipt of tender	Upto 03:00 PM on September 29, 2017
7	Date & Time of opening of technical bid	3:30PM on September 29, 2017 in the Office of the Chief Engineer, Administrative Block, IIM Indore M.P. - 453556
8	Date and Time of opening of financial bid of qualified bidders	Will be notified at a later date
9	Security Deposit	2.5% of tendered value from bills (will be recovered from bill)
10	Performance Guarantee	5% of tendered value on acceptance of bid to be deposited on acceptance of bid.

Part "B": Instructions to bidders & Tender Requirements

1. SCOPE OF BID

The detailed description of work, hereinafter referred as 'work', is given in the 'Schedule of Quantity' attached at Annexure-1 to this notice.

2. General Quality of Work:

The work shall have to be executed in accordance with the technical specifications specified in the schedule of quantity/Contract Data, and shall have to meet high standards of workmanship, safety and security of workmen and works.

3. One bid per bidder

No bidder shall be entitled to submit more than one bid. If he does so, all bids wherein the bidder has participated shall stand disqualified.

4. Site Visit and examination of works

This bid is invited for the Balance works in respect of the work of "Construction of Interior fit out for MDP Class rooms, Faculty cabins, in the Academic block of IIM Indore - Civil & Joinery, Electrical, Audio Visual & allied works. The bidder is advised to visit and inspect the Site of Works and its surroundings and obtain for itself on its own responsibility all information that may be necessary for preparing the bid and entering into a contract for the aforesaid work. All costs in this respect shall have to be borne by the bidder.

5. CONTENT OF BID DOCUMENTS

The Bid Document comprises of the following documents:

- NIT with all amendments
- General Conditions of Contract, Specifications etc with upto date amendments of CPWD (may be refer at CPWD website)
- Priced Bill of Quantities
- Technical and Financial Bid
- Letter of Acceptance & letter of commencement of work
- Agreement, and
- Any other document(s), as specified.

6. The bidder is expected to examine carefully all instructions, conditions of contract, the contract data, forms, terms and specifications, bill of quantities, forms and drawings in the Bid Document. Bidder shall be solely responsible for his failure to do so.

7. Preparation of Bid: The bidder is required to prepare two sealed cover comprising of the following:

Cover-I: Technical Bid/Eligibility criteria

- i) Earnest Money Deposit
- ii) Tender Processing Fee
- iii) Certification of Incorporation/ Registration of firm with any govt. agencies

- iv) GST (Goods & Service Tax) Registration Certificate
- v) PAN (Permanent Account Number)
- vi) EPF registration certificate if applicable
- vii) Aadhar card copy of the authorized officer of the company/firm who will be signing agreement etc.

Cover-II: Financial Bid

- i) Financial Bid (in the format given at Annexure-1) under three subheads

Both covers should be kept in one main sealed cover super scribed as “Tender for - Balance works in respect of the work of “Construction of Interior fit out for MDP Class rooms, Faculty cabins, in the Academic block of IIM Indore - Civil & Joinery, Electrical, Audio Visual & allied works”

8. The tenderer has to drop the cover sealed in above manner in the Tender Box kept at the ‘Project Department, IIM Indore, Administrative Block, Rau-Pithampur Road, Indore -453556 M.P.’ on or before the due date & time positively. The tender shall not be accepted beyond the stipulated date and time under any circumstances whatsoever. Any delay happened in the transition is at the risk of the tenderer and IIM Indore will not be responsible.

9. EMD of unsuccessful bidders will be refunded.

10. Mode of payment of Tender processing fee and EMD:

- i) Bidders may deposit the Tender Processing Fee and EMD through NEFT or RTGS or DD. Details for the same are as below:

Name of beneficiary : Indian Institute of Management Indore
Address : Rau-Pithampur Road, Indore -453556, M.P.
Account No. : 53018623445
Name of the Bank : State Bank of India
Address of the bank : IIM Indore Campus
IFSC Code : SBIN0030525

- ii) **EMD and tender processing fee can also be furnished in DD / Bankers cheque etc. drawn in favor of ‘Indian Institute of Management Indore’ payable at ‘Indore’.**

Bidders will have to attach Payment details towards cost of tender processing fee & EMD during the submission of tender and the same will be accepted only on verification & confirmation by the Institute. Any delay in credit will not be entertained by the Institute.

Part “C”: Other Terms & Conditions

1. The bid submitted shall become invalid if:
 - (i) the bidder is found ineligible.
 - (ii) the documents submitted by the successful bidder does not match with the originals before the award of work.
2. The competent authority on behalf of the Director IIM Indore does not bind itself to accept the lowest or any other bid and reserves to itself the authority to reject any or all the bids received without the assignment of any reason. All bids in which any of the prescribed condition is not fulfilled or any condition including that of conditional rebate is put forth by the bidders shall be summarily rejected.
3. Canvassing whether directly or indirectly, in connection with bidders is strictly prohibited and the bids submitted by the contractors who resort to canvassing will be liable for rejection.
4. The competent authority on behalf of the Director, IIM Indore reserves to himself the right of accepting the whole or any part of the bid and the bidders shall be bound to perform the same at the rate quoted.
5. *The bid for the works shall remain open for acceptance for a period of ninety (90) days.*
6. IF ANY INFORMATION FURNISHED by the applicant is found to be incorrect at a later stage, they shall be liable to be debarred from tendering/ taking up works in IIM INDORE.
7. **TAXES :**
 - i) This works comes under Works contract. The taxes as applicable shall be deducted from each bill paid to the contractor.
 - ii) The contractor should get registered under GST (Goods & Service Tax) or any other tax as applicable as per the extent order on the subject work and same shall be paid by the contractor to concerned department and the same should be considered in his quoted rates.
 - iii) Labour Welfare cess @ 1 % of gross value of work done shall be recovered from each bill paid to the contractor.
 - iv) Income Tax and cess as applicable shall be deducted from each bill paid to the contractor.
 - v) Contractor should be registered under EPF/ESIC and as per law, shall pay EPF & ESIC of contract workers to concerned Department from time to time.

- vi) Any other taxes/cess as per Government directives shall be deducted from each bill paid to the contractor from time to time or as per rule in case of manufacturer.
8. The specifications, Terms & Conditions, other regulations which are not herein mentioned will be guided by relevant CPWD / IS /Other Central Govt./state Govt. norms, OEM standards applicable for IIM Indore & the decision in this regard will be guided by the decision of the respective authority of IIM Indore which shall be final and binding to the contractor.
 9. The party whose tender has been accepted has to execute an agreement on non-judicial stamp paper immediately after work order is issued.
 10. Performance guarantee in the form BG or FDR or DD @ 5% of tendered amount has to be furnished within 10 days of issue of LOA.
 11. If called for, originals of the document submitted shall be produced.
 12. IIM Indore reserves the full rights to increase/decrease the quantity of items in the tender as per requirement upto 50% upwards / downwards.
 13. Any dispute is subject to the jurisdiction of Civil Court Indore.
 14. The work shall be executed as per CPWD general specifications for Civil & electrical works with upto date amendments as per relevant IS and as per directions of Engineer-in-Charge. These additional specifications are to be read in conjunction with above. However, nothing extra shall be paid on account of these additional specifications & conditions as the same are to be read along with schedule of quantities for the work.
 15. The Tenderer should in his own interest visit the site and familiarize himself with the site conditions before tendering.
 16. No T&P shall be issued by the IIM Indore and nothing extra shall be paid on account of this.
 17. Employer reserves the right to alter the mode of selection, accept or reject any or all bids without assigning any reason thereof.
 18. The Tenderer will have to fill up their rates only in the price bid in BoQ format attached to this tender notice. Tenders in which the price bids are given in any other format are liable to be rejected.
 19. A tenderer will also not be allowed to withdraw or modify any condition at a time after the technical bids have been accepted and the decision to open the price bid has been taken by the IIM Indore.
 20. The IIM Indore reserves the right to reject any or all the price bids and call for fresh prices/ tenders as the case may be without assigning any reason.

21. Terms of Payment:

Running account bills shall be released subject to gross value of work done together with net payment not less than Rs. 08 (EIGHT) Lakhs.

22. Security deposit:

- a. *The security deposit will be collected by deductions from the running bill of the contractor at the rate mentioned below. The security deposit can also be deposited in cash or in the form of Government Securities, Fixed Deposit Receipts etc.*
- b. A sum @ 2.5% of the gross amount of the bill will be deducted from each running bill *as well as final bill* of the contractor. Such deductions will be made unless the contractor has deposited the amount of security at the rate mentioned in cash or Government securities or Fixed Deposit Receipts. This is in addition to the performance guarantee that the contractor is required to deposit as per clause mentioned in the tender document.
- c. Security deposit can be released against bank guarantee issued by a schedule bank on its accumulation to a minimum amount of Rs. 5 lakhs subject to the condition that amount of any bank guarantee except last one, shall not be less than Rs. 5 lakhs.
- d. The Bank Guarantee submitted against Security Deposit shall initially be valid up to the stipulated date of completion of the work plus maintenance period as defined under clause 17 of GCC which shall be extended further time to time depending upon extension of contract granted under provisions of clause 2 and clause 5.
- e. The security Deposit shall be refunded to the contractor after the completion of defect liability period of 01 (ONE) year.

23. Performance Guarantee:

The contractor whose bid is accepted will be required to furnish performance guarantee of 5 % (FIVE Percent) of the bid amount within Ten days of issue of LOI and should be in favour of 'Indian Institute of Management Indore'. This guarantee may be in the form of Banker's cheque of any public sector bank/Demand Draft of any public sector bank/ Fixed Deposit Receipts or Guarantee Bonds of any public sector bank or the State Bank of India in accordance with the prescribed format. In case the contractor fails to deposit the said performance guarantee within the period as indicated above, including the extended period if any, the Earnest Money deposited by the contractor shall be forfeited automatically without any notice to the contractor. The earnest money deposited along with bid shall be returned after receiving the aforesaid performance guarantee.

The Performance Guarantee shall be initially valid up to the stipulated date of completion plus 60 days beyond that.

24. Rates:

a. Subject to the nomenclature of the item as per schedule of quantities, the specification indicated in the tender documents, the rates quoted shall include charges for forwarding, insurance, freight and delivery, fixing at site, cost of all materials, taxes, labor, sundry inputs, pattern and design, including overhead charges and contractor's profit. Nothing extra shall be paid on this account.

b. The Defect Liability Period (DLP) will be of 12 months from the date of handing over. Nothing extra for this period shall be paid.

25. Completion Period: The completion period of 60 Days indicated in the tender document is for the entire work as per the schedule and handing over of the same to the satisfaction of the Engineer-in-Charge.

26. COMPLIANCE WITH REGULATIONS AND INDIAN STANDARDS: All works shall be carried out in accordance with relevant regulation, both statutory and those specified by the Indian Standards related to the works covered by these specifications.

27. INDEMNITY: The successful tenderer/bidder shall at all times indemnify the IIM Indore, consequent on this works contract. The successful tenderer/bidder shall be liable, in accordance with the Indian Law and Regulations for any accident occurring due to any cause and the IIM Indore shall not be responsible for any accident or damage incurred or claims arising there from during the period of fixing of flooring under the supervision of the successful tenderer/bidder in so far as the latter is responsible. The successful tenderer/bidder shall also provide all insurance including third party insurance as may be necessary to cover the risk. No extra payment would be made to the successful tenderer/bidder due to the above.

28. Mobilization advance: No mobilization advance shall be paid for this work.

29. Care of the Building: Care shall be taken by the contractor while executing the work to avoid damage to the building. He shall be responsible for repairing all damages *and* restoring the same to their original finish at his cost. He shall also remove at his cost all unwanted and waste materials arising out of the fixing from the site of work.

Form of Performance Security (Guarantee) Bank Guarantee Bond

In consideration of the Director, IIM Indore (hereinafter called “The IIM Indore”) having offered to accept the terms and conditions of the proposed agreement between.....and (hereinafter called “the said Contractor(s)”) for the work..... (hereinafter called “the said agreement”) having agreed to production of an irrevocable Bank Guarantee for Rs. (Rupees only) as a security/guarantee from the contractor(s) for compliance of his obligations in accordance with the terms and conditions in the said agreement.

1. We, (hereinafter referred to as “the Bank”) hereby undertake to pay to the IIM Indore an amount not exceeding Rs. (Rupees..... Only) on demand by the IIM Indore.

2. We,(indicate the name of the Bank) do hereby undertake to pay the amounts due and payable under this guarantee without any demure, merely on a demand from the IIM Indore stating that the amount claimed as required to meet the recoveries due or likely to be due from the said contractor(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. (Rupeesonly)

3. We, the said bank further undertake to pay the IIM Indore any money so demanded notwithstanding any dispute or disputes raised by the contractor(s) in any suit or proceeding 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 a valid discharge of our liability for payment thereunder and the Contractor(s) shall have no claim against us for making such payment.

4. We, (indicate the name of the Bank) 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 IIM Indore under or by virtue of the said agreement have been fully paid and its claims satisfied or discharged or till Engineer-in- Charge on behalf of the

IIM Indore certified that the terms and conditions of the said agreement have been fully and properly carried out by the said Contractor(s) and accordingly discharges this guarantee.

5. We, (indicate the name of the Bank) further agree with the IIM Indore that the IIM Indore shall have the fullest liberty without our consent and without affecting in any manner our obligation hereunder to vary any of the terms and conditions of the said agreement or to extend time of performance by the said Contractor(s) from time to time or to postpone for any time or from time to time any of the powers exercisable by the IIM Indore against the said contractor(s) and to forbear or enforce any of the 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 Contractor(s) or for any forbearance, act of omission on the part of the IIM Indore or any indulgence by the IIM Indore to the said Contractor(s) 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 the change in the constitution of the Bank or the Contractor(s).

7. We, (indicate the name of the Bank) lastly undertake not to revoke this guarantee except with the previous consent of the IIM Indore in writing.

8. This guarantee shall be valid up tounless extended on demand by the IIM Indore. Notwithstanding anything mentioned above, our liability against this guarantee is restricted to Rs. (Rupees) 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 theday offor.....(indicate the name of the Bank).

Format for Agreement

THIS AGREEMENT made at Indore on the _____ day of _____ 2017 between Indian Institute of Management Indore Rau- Pithampur Road, Indore (hereinafter called "The IIM INDORE" which expression shall, unless repugnant to the context or meaning thereof, include its administrators, successors and assigns) of the one part AND

(herein after called "The Contractor" which expression shall, unless repugnant to the context or meaning thereof, include its successors and permitted assigns) of the other part.

WHEREAS

The IIM INDORE is desirous of carrying out the work of **“Balance works in respect of the work of "Construction of Interior fit out for MDP Class rooms, Faculty cabins, in the Academic block of IIM Indore - Civil & Joinery, Electrical, Audio Visual & allied works”**

The Works are to be executed as per the schedules mentioned in tender document drawings and specifications describing the works to be done.

The Contractor has agreed to execute the said works subject to the provisions hereinafter contained and subject also to General Conditions of Contract, Special conditions of contract, Safety Code, Model Rules for the protection of health and Sanitary arrangements for workers, Specifications, Preambles and Schedule of Quantities and installation schedule (all of which are hereinafter collectively referred to as the ‘said tender conditions’) and strictly in accordance with the Scope of work & technical specifications annexed hereto at or for the respective rates set out in the Schedule of Quantities amounting to the sum as there under arrived at or such other sums as shall become payable there under (hereinafter referred to as the said tendered amount).

NOW IT IS HEREBY AGREED AS FOLLOWS: -

1. In consideration of the said tendered amount to be paid by The IIM INDORE to the Contractor at the time and in the manner set forth in the said tender conditions and in accordance with the Schedule of Payments to execute and complete the work shown upon the said specifications, drawings & other conditions and strictly in accordance with the specifications and Schedule of Quantities.
2. The said tender conditions, scope of work and the annexures hereto shall be read and considered as forming part of this contract and the parties hereto shall respectfully abide by to the said conditions and perform the agreement on

their part respectively contained in the said conditions.

3. The approved drawings if any, notice inviting tenders technical specification etc. shall also form the basis of this contract.
4. This contract is neither a Lump sum Contract, nor a piece work contract, but is a contract on item rate basis to be carried out and to be paid for according to the Schedule of Payments at the rates contained in the Schedule of Quantities.
5. The contract herein contained shall comprise not only the works mentioned above but all subsidiary works connected therewith within the same site as may be ordered to be done from time to time by the said Engineer In charge for the time being, even if such work may not be shown on the said Drawings or described in the said Specifications and Schedule of Quantities.
6. The IIM INDORE reserves to themselves the right of altering the drawings, specifications and the nature of the work by adding to or omitting from the scope of work any item of work or portions of the same without prejudice to this contract.
7. Time shall be considered as the essence of this contract and the Contractor hereby agrees to commence the work within 10 days from the date of work order or from the date of handing over of the site, as provided for in the said terms and conditions, whichever is later, and shall complete the entire work within the specified period, subject nevertheless the provisions for extension of time as may be agreed to by the IIM INDORE and as contained in the said conditions.
8. All payments by the IIM INDORE under this contract shall be made only at Indore.
9. All disputes arising out of or in any way connected with this contract shall be deemed to have arisen at Indore and courts in Indore only shall have jurisdiction to determine the same.
10. That the contract and several parts of this contract have been read by the contractor and fully understood by him. The contractor shall not be entitled for payment beyond tendered quantities unless ordered specifically by written instructions of Director IIM INDORE.
11. This contract shall be signed in duplicate, the original whereof shall be kept in the custody of the IIM INDORE, and the duplicate with the Contractor.

IN WITNESS WHEREOF the IIM INDORE has set his hands hereunto and two duplicates hereof through his duly authorized official and the Contractor has caused these presents and two duplicates hereof under his common seal by his duly authorized

representative at the place and on the date month and year first herein above written.

SIGNED, SEALED AND DELIVERED by IIM INDORE, by the hand of

Signature:
Name:
Designation:

IN THE PRESENCE OF

(1) Signature:
Name:
Address:

(2) Signature:
Name:
Address:

SIGNED, SEALED AND DELIVERED BY the Contractor M/s. _____
_____.

Signature:
Name:
Designation:

IN THE PRESENCE OF

(1) Signature:
Name:
Address:

(2) Signature:
Name:
Address:

Indian Institute of Management Indore

Financial Bid

Name of Work: Balance works in respect of the work of "Construction of Interior fit out for MDP Class rooms, Faculty cabins, in the Academic block of IIM Indore - Civil & Joinery, Electrical, Audio Visual & allied works"

Ref. NIT No. IIMI/Project/12/2017/46

Bill of Quantity

Amount in Rs.

Sr. No.	Item Description	Qty	Unit	Unit Rate	Amount	Amount in words
Sub Head - 1 : Supply, Installation, Testing & Commissioning of Balance Items						
1	Wiring for light point/ fan point/ exhaust fan point/ call bell point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable in surface / recessed medium class PVC conduit, with modular switch, modular plate, suitable GI box and earthing the point with 1.5 sq.mm. FRLS PVC insulated copper conductor single core cable etc. as required. (Group C)	8	point			
2	Supplying and fixing of following sizes of medium class PVC conduit along with accessories in surface/recess including cutting the wall and making good the same in case of recessed conduit as required.					
2.1	25 mm	120	Mtr			
2.2	32 mm	60	Mtr			

Sr. No.	Item Description	Qty	Unit	Unit Rate	Amount	Amount in words
3	Supplying and drawing following sizes of FRLS PVC insulated copper conductor, single core cable in the existing surface/ recessed steel/ PVC conduit as required.					
3.1	2 x 2.5 sq. mm + 1 x 2.5 sq.mm earth wire.	60	Mtr			
4	Supplying and fixing 20 amps, 240 volts, SPN industrial type, socket outlet, with 2 pole and earth, metal enclosed plug top along with 20 amps "C" curve, SP, MCB, in sheet steel enclosure, on surface or in recess, with chained metal cover for the socket out let and complete with connections, testing and commissioning etc. as required.	3	Nos.			
5	Supply and fixing of fire extinguishers of following type & capacity and specification and cylinders fully charged hanged on wall with bracket complete as required:					
5.1	4.5 kg Carbon Dioxide type, as per latest IS	5	Nos			
5.2	4 Kg ABC Type powder, as per latest IS	5	Nos			
6	Supply Installation Testing & commissioning of Fingerprint Biometric Time Attendance Devices with paper license for 100 students Make: Spectra or Equivalent	6	Nos			
7	Supplying, installing, testing & commissioning of Projector Screen 123" diagonal wide format 16:10 High Gain, Superior Vision, Motorized complete with all accessories. (make : Da-lite Cosmopolitan)	6	Nos			
8	Supplying, installing, testing & commissioning of HDMI moulded cable of 15 Mtr length Kramer or equivalent	3	Nos			
9	Supplying, installing, testing & commissioning of VGA cable of 15 Mtr. Length. Kramer or equivalent	3	Nos.			

Sr. No.	Item Description	Qty	Unit	Unit Rate	Amount	Amount in words
10	Supplying, installing, testing & commissioning of HDMI Face Plate, VGA & Audio Face Plate (Steel Finish)	3	Nos.			
11	Supplying, installing, testing & commissioning of DSP with VC Configuration BSS or equivalent	1	Nos			
12	Control processor for AV equipments with rack mount & 4 IR probes including Wired touch panel for controlling AV equipment in MDP classroom Make Extron IPL 250 or equivalent)	1	Nos			
13	Supply & fixing of standard length HDMI patch cord Kramer or Equivalent	3	Nos			
14	Supply & fixing of standard length VGA patch cord Kramer or Equivalent	3	Nos			
15	Public Address system: Supply, installation and testing of the PAVA controller with built-in 240W amplifier as per tender specifications. Make:- BOSCH/Aties	1	Nos			
16	Supply, Installation, Testing and commissioning of Equipment Rack for placing above components other than speakers	2	Nos			
Sub Head 1: Total Amount (In Rs.)						
Sub Head - 2 : Installation, Testing & Commissioning of existing items available at site at IIM Indore						
1	Installation, Testing and Commissioning of 'Bosch' make Microprocessor based networkable analogue addressable type fire alarm control panel having a capacity of 64 analog addressable detectors and 64 addressable modules/devices in one loop (Excluding supply of fire alarm control panel)	2	Nos			
2	Installation, Testing and Commissioning of Repeater Panel of 'Bosch' Make	2	Nos			

Sr. No.	Item Description	Qty	Unit	Unit Rate	Amount	Amount in words
3	Testing & commissioning of existing analogue Addressable Photoelectric Smoke Detectors	32	Nos			
4	Installation, Testing and Commissioning of addressable Manual Pull Station with Key Reset (Make: Bosch)	13	Nos			
5	Installation, Testing and Commissioning of Sounder / Stobes	10	Nos			
6	Audio Visual system: Installing, testing & commissioning of All in one 2 zone mixer amp for public address system 120 watts, (Make Bosch PLN-2AIO120, 2 Zone Mixer Amplifier)	3	Nos			
7	Testing & commissioning of 30W High efficiency wall mounted Speaker	18	Nos			
8	Installing, testing & commissioning of Dual channel (1 HH+ 1 lapel) x 2 sets Wireless Microphone	3	Set			
9	Testing & commissioning of 4200 ANSI Lumen Projector (make Sony) including drawing cable from AV rack to teachers desk as required.	6	Each			
10	Commissioning of HDMI Distribution Amplifier Switcher	3	Nos			
11	Commissioning of VGA Distribution Amplifier Switcher	3	Nos			
12	Installing, testing & commissioning of Video Conferencing System full HD,18x Cameras, with Wi-Fi Mic & Integration, programming, software, interface etc. built in multipoint can host video calls with up 8 participants HD quality complete as required as per specifications(for MDP Classroom) (Make: Polycom Group700)	1	Nos			
13	Installation, Testing and commissioning of message generator. Make:-Bosch	1	Nos			
Sub Head 2: Total Amount (In Rs.)						

Sr. No.	Item Description	Qty	Unit	Unit Rate	Amount	Amount in words
Sub Head -3 : Additional Items						
1	Supply & fixing of Over floor trunking 92x20 mm, supplied with cover; 4 Compartments, equipped with 2 adhesive strips for better floor fixing as required. Make Legrand or eqv	6	Mtr			
2	4 Channel relay control interface for automation	1	Nos			
3	Supply & fixing of Broadband Wireless Router as required. Make: D-Link Dir-600M N150 or eqv	1	Nos			
Sub Head 3: Total Amount (In Rs.)						
Total Amount (Sub Head 1 + Sub Head 2 + Sub Head 3) :						
Add Goods & Services Tax (GST) @ _____						
Grand Total Amount (In Rs.)						
Grand Total Amount (In words):						

Name of the bidder firm with seal: _____

Contact No.: _____

Email: _____

Registered Address: _____