



**KENDRIYA VIDYALAYA NO.1,  
AMBALA CANTT**

**TENDER DOCUMENT**

**FOR**

**ATAL TINKERING LAB**

**AS PER THE GUIDELINES OF NITI AYOJ, GOVT. OF  
INDIA**

**NOTE :**

TO BE APPLIED ONLY BY THE REGISTERED AND ENLISTED IN THE INDICATIVE LIST OF VENDORS WITH THE AIM, NITI AYOJ, GOVT OF INDIA

COST OF TENDER DOCUMENT : RS. 500 ( NON-REFUNDABLE)

EMD TO BE DEPOSITED WITH TENDER DOCUMENT : RS.45000 (REFUNDABLE WITHIN 45 DAYS OF OPENING OF TENDER TO THE NON SUCCESSFUL BIDDER )

LAST DATE : 20.11.2018

MODE : BY SPEED POST/ REGISTERED POST ONLY.

## TENDER

Sealed tenders are invited from reputed vendors, registered and enlisted in the indicative list of vendors with the AIM, NITI Ayog for execution of the following works at KV No.1, Ambala Cantt detailed as under:

Name of Work	P.E	EMD
Supply and installation of equipment for Atal Tinkering Lab and services at KV-1, Ambala Cantt for 60 students As per the latest list and specification <b>(AS PER BID FORMAT A )</b>	6.5 lacs	Rs. 45,000/- through Demand Draft or cheque  Cost of Tender Form will be Rs.500 and to be submitted by Cheque alongwith the Demand Draft of Rs. 45000/-
Supply and Installation of Furniture <b>(AS PER BID FORMAT B)</b>	1.5	
Supply and Installation of Laptops and Projector <b>(AS PER BID FORMAT C)</b>	1.5	

Vendors having executed **at least two works** of similar nature need to apply. EMD as detailed above & cost of tender Rs. 500/- (non refundable) through Demand Draft (D/D) in favour of Principal, KV1, Ambala Cantt payable at Ambala is to be annexed. The tender needs to be submitted in sealed envelopes comprising of signed terms and conditions and bid.

### IT IS MANDATORY TO FILL ALL THE BID FORMAT TO BE ELIGIBLE FOR FINAL BID EVALUATION

The envelop shall be kept in an envelope super scribing **“Tender for Supply and installation of equipment for Atal Tinkering Lab and services thereafter for ATL Lab and services”**.

Tenders duly sealed may be sent by Speed Post / Registered Post only on **or before 20.11.2018**. Tender shall be **opened on 21.11.2018 at 10.00 AM** at Kendriya Vidyalaya No.1, Ambala Cantt in presence of tenderers, who wish to be present.

NOTE :

1. **No Alteration/Deletion or Modification of specification and list of items given by NITI Aayog is allowed. Any such activity will lead to the summarily rejection of Tender.**
2. **Incomplete, conditional & belated tenders shall be summarily rejected.**

**Principal  
KV -1, Ambala Cantt**

**INSTRUCTIONS TO THE TENDERER**

1. Incomplete and conditional tenders shall be summarily rejected.
2. Rates are to be quoted in words and figures without any cutting/overwriting/erasing. **Name of the Brand/Company of the items that the vendor is going to supply, is to be mentioned in the attached list of items of packages provided by the AIM NITI AYOJ.**
3. Prescribed enclosures are to be attached with the Bid.
4. Price-Bid and all other tender documents should be signed by the same authorized signatory of the Vendor. **While finalizing the L1, Part-B of Price bid will also be taken in consideration.**
5. **The vendors should have arrangements in the locality of Ambala for immediate support of AMC.**
6. **Last date of submission is 20.11.2018 .** The Bids shall be **opened on 21.11.2018 at 10.00 AM** in the presence of the tenderers, who may like to be present.
7. Any additional information required by KV 1 Ambala in respect of the work experience shall be submitted by the tenderers **within three days**, failing which the offer shall not be entertained.
8. The Tender without EMD of Rs. 45,000/- & cost of tender form of Rs. 500/- in form of Demand Draft (D/D) shall be summarily rejected.

**Principal  
KV 1 Ambala Cantt**

## TERMS AND CONDITIONS

1. The work should be executed as per guidelines of the AIM NITI Ayog for ATL and the Advisory committee for the same.
  - a. It is mandatory for all vendors to provide installation and equipment training to the Schools (Principal/ATL-incharge/ faculty members) on handling and usage of equipment, after the delivery of the equipment, at no additional charge.
  - b. It is mandatory for all vendors to provide 2 years of comprehensive warranty at no additional charge (including for 3D printers). If the school requires repairing of an ATL equipment, then the vendor should provide a replacement till the time the equipment is fully repaired).
  - c. Vendors should clearly indicate the timeline for delivery of packages, installation and training. The delivery time should not be more than 1 months.
  - d. The vendors should maintain a supply chain of consumables and other items for 5 years.
  - e. The vendors should provide 3 year comprehensive AMC at no additional cost. The terms and conditions of the same which is prepared separately need to be agreed and signed by the vendors.
  - f. The vendors should indicate both itemized prices and package wise pricing and provide detailed specification and brand name of all the equipment. (In separate sheets attached herewith)
  - g. The vendor should provide all required documents for verification by the school at the time of purchase of equipment. Authorized signatory must sign the documents.
  - h. The vendors should have a mechanism for proper disposal of e-waste.
  - i. In case the vendors are third party vendors or channel partners, they should ensure timely availability of all equipment and associated services to the School, to avoid any delay or inconvenience to the schools.
  - j. In case some schools are unhappy with the services of some selected vendors, they would not be permitted to provide services to other ATL schools.
  - k. It is to be noted that, AIM, NITI Aayog reserves the right to audit the selected vendor and associated expenses/services at any point of time.
2. The time of Completion of work would be 60 days.
3. The rate shall be firm and of inclusive all taxes and valid for a period of 180 days from the date of tender.
4. **All the items/material must be the ISI/ ISO Certified and of the approved brand/ company.**
5. The vendor shall not delay/stop the work without any valid reason.
6. In case of no/slow progress, inferior workmanship, the Board shall have the right to rescind the contract & get the work executed at the risk & cost of the defaulting agency.
7. In case of delay, a penalty of 1% per week would be deducted from the bill subject to a max of 5% of the tender value.
8. Computerized Bill should be submitted by the Contractor for process of payment.
9. All T & P shall be arranged by the Contractor.
10. **Bid Security (EMD)**
  - a. Bid Securities of the unsuccessful bidders shall be returned to them after expiry of final bid validity and latest on or before the 45<sup>th</sup> day after the award of the contract.
  - b. Bid Security of successful bidder shall be refunded on receipt of Performance Security.
11. Security Deposit: 10% of the bill shall be deducted as defect liability and shall be released after completion of the work.
12. **Agreement:** Agreement shall be executed by the vendor at its own cost. Separate agreement for the AMC shall be executed by the vendors. AMC for ATL is a mandatory part of this tender bid. Copy of agreement/terms and conditions for AMC is attached herewith for ready reference.
13. The Contractor shall comply with all the provisions of the Minimum Wages Act – 1948 and other labour laws that may be in force.
14. No payment shall be made to the vendor for any damage due to any natural cause during the execution of works.
15. All material used shall be as per specification and ISI marked and standard wherever applicable.
16. Scaffolding wherever required shall be arranged by the vendor for which no extra payment shall be made.
17. The contractor will use approved brand of material as given in the tender.

18. A tenderer should quote the rate (s) of tender in figures as well as in words. The total amount shall be written both in figure and in words.
19. All rates shall be quoted on the tender form and shall include all material, labour, transportation, all taxes, duties, testing, commissioning, supervision, tools, plants, wastage, sundries, scaffoldings as required mobilization demobilization, transportation etc. and nothing extra shall be payable on this account.
20. GST or any other tax on materials in respect of this contract shall be payable by the vendor and the vidyalaya will not entertain any claim whatsoever in this respect.
21. **Tender cost & EMD.** Tenders without the earnest money and cost of tender if any will be summarily rejected.
22. **Sealed Envelope** shall contain Demand Draft for tender cost (Non-Refundable) & **draft for Earnest Money**, the **whole Tender documents signed in each page including Signed Information Sheet, Terms and Condition of the tender, Terms and Condition of AMC, Price Bid and all supportive documents for the tender.**
23. All the **sealed envelopes** should **super scribe** as Tender documents for **“Supply and installation of equipment for Atal Tinkering Lab and services thereafter for Atal Tinkering Lab and services thereafter”**.
24. **Conditional Tender** - Conditional tenders are liable to be rejected.
25. **SUBLETTING** - The vendor shall not, without the prior approval of the competent authority in writing sublet or assign to any other party or parties, the whole or any portion of the work under the contract. Where such approval is granted, the vendor shall not be relieved of any obligation or duty or responsibility which he undertakes under the contract.
26. **RIGHT TO INCREASE OR DECREASE WORK** - The competent authority reserves the right to increase or decrease the works depending on the situation emanating at a particular time. The competent authority also reserves the right to increase or decrease any portion of the work during the currency of the contract and the contractor shall be bound to comply with the order of the competent authority without any claim for compensation.
27. **ACCEPTANCE / REJECTION OF TENDER**
- a. KV No.1, Ambala Cantt does not bind itself to accept the lowest tender.
- b. KV No.1, Ambala Cantt also reserves the right to accept or reject any tender in part or full without assigning any reason whatsoever.
28. **FIRM RATES:** The rates quoted by bidder shall remain firm till completion of all works even during the extended period, if any, on any account what so ever. It is provided that the vendor shall not increase any of the rates, quoted in the tender till the completion of work. No escalation in rates would be given.
29. **Income Tax/WCT/VAT/GST:**
- a. Income tax including surcharge if any, at the prevailing rate shall be deducted from the vendor's bills as per the provision of Income Tax Act.
- b. The vendor shall ascertain from the concerned commercial tax department regarding the applicability of Works Contract Tax / VAT/TIN/GST. Necessary deductions will be made from the contractor's bill as applicable.
30. In case of any dispute, the Arbitrator shall be appointed by the Chairman, VMC, KV No.1, Ambala Cantt and his decision shall be binding on both the parties.
- I hereby declare that I have read and understand the terms and conditions mentioned above and agree to abide by all those conditions.***

**(Signature of the Tenderer)**

**With complete address and seal**

**Add** \_\_\_\_\_

**Tel. No.** \_\_\_\_\_ **Email-** \_\_\_\_\_

**Mobile No.** \_\_\_\_\_, \_\_\_\_\_

Cost of Tender Form: Rs.500/- (Non Refundable)

Name of Work: Supply and installation of equipment for Atal Tinkering Lab and services thereafter for ATAL TINKERING Lab and services.

### INFORMATION SHEET

Last date of submission: 20.11.2018

*(Note: Tenderer must read the instructions and terms & conditions before filling the particulars in this part.)*

**1. Credentials of the Tenderers:**

- 1.1 Name of the Vendor : .....
- 1.2 Office Address and Tel. No. : .....
- 1.3 Local Office address & Tel. No. : .....
- 1.4 GSTN No. : (with documentary evidence) .....
- 1.5 P.F A/c No. : (with documentary evidence) .....
- 1.6 PAN No. : (with documentary evidence) .....
- 1.7 Service Tax Reg. Certificate : (supported with documentary evidence) .....
- 2. Experience (last two works of same nature) : (supported with documentary evidence)

Sr. No	Year	Name of the Organization	Cost of the work (executed)	Name of Office/ Organ. with Tel. No.	Period of completion		

- 2.2 Present assignment in hand complying tender parameters:
  - (i) .....
  - (ii) .....
  - (iii) .....

3. Particulars of D.D./ Cheque as earnest money:  
 Amount Rs. : .....  
 D.D/Nos. : .....  
 Issuing Bank with Date of Issue: .....

**Declaration: All terms and conditions as mentioned in the tender are acceptable to me/us.**

**(Signature of the Tenderer)**  
 With complete address and seal  
 Add \_\_\_\_\_

Tel. No. \_\_\_\_\_ Email- \_\_\_\_\_  
 Mobile No. \_\_\_\_\_, \_\_\_\_\_

## PRICE BID(PART-A)

### Schedule of work

Name of work: - Supply and installation of equipment for Atal Tinkering Lab and services thereafter for Atal Tinkering Lab and services.

S. No.	Name of Article/ Service	Brief Description	Rate (Exclusive all taxes) in Rupees	Rate (Inclusive all taxes) in Rupees
1	P1 (Package- 1) (As per latest ATL Equipment list Batch of 60 students signed by R.Ramanan)	Electronics Development, Robotics,Internet of Things, and Sensors		
2	P2 (Package- 2) (As per latest ATL Equipment list Batch of 60 students signed by R.Ramanan)	Rapid Prototyping Tools		
3	P3 (Package- 3) (As per latest ATL Equipment list Batch of 60 students signed by R.Ramanan)	Mechanical, Electrical, and Measurement tools		
4	P4 (Package- 4) (As per latest ATL Equipment list Batch of 60 students signed by R.Ramanan)	Power Supply, Accessories and Safety equipment		
5	AMC Charges (After first 3 years)	Combined Rate of AMC for 4th & 5th year		
6	Additional Comprehensive Warranty of all equipment beyond first 02 years	Combined Rate for 3rd 4th & 5th year for additional warranty		
7	Number of Free Training sessions and necessary workshop.	Mention number of training per year		
8	Provision of Free Trainer, for six month to run the lab.	Mention No. of Trainer and Month		
	<b>GRAND TOTAL (in Rupees)</b>			

### FREE AND MANDATORY SUPPORT

S.N	Name of Article/ Service	Brief Description
	Installation and Logistic charges	*Nil as per the AIM NITI Ayog Guidelines/ Web notification
	AMC (First 3 years) Charges	Nil as per the AIM NITI Ayog Guidelines/ Web Notification
	Comprehensive Warranty of all equipment	Nil as per the AIM NITI Ayog Guidelines/ Web notification for First 2 years
	Training on handling and usage of equipment	Nil as per the AIM NITI Ayog Guidelines/ Web Notification

[Rupees in words-

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(Signature of the Tenderer)

Add \_\_\_\_\_  
\_\_\_\_\_

Tel. No. \_\_\_\_\_ Email- \_\_\_\_\_  
 Mobile No. \_\_\_\_\_, \_\_\_\_\_

**PRICE BID (PART-B)**

**Schedule of work**

**Name of work: - Supply and installation of Furniture for Atal Tinkering Lab at KV-1, Ambala Cantt.**

<b>S. No.</b>	<b>Name of Article/ Service</b>	<b>Brief Description</b>	<b>Rate (Exclusive all taxes) in Rupees</b>	<b>Rate (Inclusive all taxes) in Rupees</b>
<b>01</b>	Furniture as per the specification of Niti Aayog foraccomodating 60 students	<b>As per the specification of Atal Tinkering Lab</b>		

**[Rupees in words-**

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**(Signature of the Tenderer)**

**Add** \_\_\_\_\_

\_\_\_\_\_

**Tel. No.** \_\_\_\_\_ **Email-** \_\_\_\_\_

**Mobile No.** \_\_\_\_\_, \_\_\_\_\_



## PRICE BID(PART-C)

### Schedule of work

Name of work: - Supply and installation of Laptops and Projector for Atal Tinkering Lab at KV-1, Ambala Cantt

S. No.	Name of Article/ Service	Minimum Discription	Rate (Exclusive all taxes) in Rupees	Rate (Inclusive all taxes) in Rupees
01	03 Laptops	(4GB+1TB+i5+graphic Card) of Reputed Company + Windows Pre Installed		
02	01 Projector	3D Projector with Android/ Wifi and Bluetooth Connectivity (6000 lumens , 20,000:1 contrast , 3840x2160 Resolution, Lamp Life-50,000 h of Reputed Company		

[Rupees in words-

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(Signature of the Tenderer)

Add \_\_\_\_\_

Tel. No. \_\_\_\_\_ Email- \_\_\_\_\_

Mobile No. \_\_\_\_\_, \_\_\_\_\_.

## **Terms and Conditions of Annual Maintenance Contract (AMC) for Atal Tinkering Lab (ATL) items.**

- 1) This Annual Maintenance Contract (hereinafter referred to as AMC) is a part of “**Tender for Supply and installation of equipment for Atal Tinkering Lab and services thereafter for ATL Lab and services thereafter**”. The AMC is signed between the Principal, KV No.1, Ambala Cantt.(hereinafter referred to as KV-1,AMB) and Service Provider (there in after referred to as SP). It shall be an all inclusive Comprehensive Annual maintenance contract of all the items supplied by the SP for establishing the Atal Tinkering Lab at KV-1, Ambala It shall ensure complete service for smooth functioning of the ATL lab for 24 hours x 365 days without any interruption.
- 2) The AMC shall be valid for a period of Five years (Three years + Two Years) from the date of signing the contract by both the Parties.
- 3) The Maintenance will be of hardware and software both, for installation- removal of any software / hardware purchased by the office from time to time thorough out the year. More over the firm will have to provide the services as follows:-
  - i) Upkeep and maintenance of the hardware and software installed.
  - ii) To provide and maintain the required drivers, CDs and DVDs for maintaining the equipment.
  - iii) Repairs to be carried out at the location of equipment.
  - iv) If computers and any other items needed to be taken to work shop for repair etc. for more than one (1) day, standby arrangements are to be made immediately.
  - v) The firm should make its own arrangement to shift the equipment including picking up and dropping of equipment.
  - vi) Any other maintenance work to be undertaken related to computers, Printers, UPSs and other hardware and software mentioned in list of the 4 packages.
- 4) SP will make stand by arrangements immediately if computers, Printers, UPSs and any other items covered in the 4 packages list are needed to be taken to workshop. If the firm fails to make any standby arrangement within 24 hours, a penalty @ Rs 1000/- per day will be imposed and will be deducted from AMC charges.
- 5) Replacement of Unserviceable parts i.e SMPS, Motherboards, Hard disks, CD Roms, Writers, RAM, CPU, Monitors etc. should be replaced only with new, original & compatible parts.
- 6) In case these are not available, the higher specification will have to be installed. The same should be essentially equivalent in performance to the replaced ones.
- 7) The SP will be required to maintain the current software configuration of all the items and update it whenever required to update and make it more efficient.
- 8) During the currency of AMC, KV-1,AMB can add more nodes. However, KV-1,AMB may remove any machine from the list of machines (nodes) without assigning any reason at any stage.

**9)** As regard AMC of computers and its accessories, it will cover all components/ equipment of ATL Lab including Computer, monitor, Printer, Switches, UPS and other related equipment along with the following components:-

- i) CPU/ Motherboard/ HDD including media of Hard Disk/CD ROM,DVD ROM/FDD/RAM, Cabinet/Adapter and Batteries of Laptops.
- ii) Picture tube of Monitor/ VDU and all components of Monitor.
- iii) Connecting data cables and Power cables.
- iv) All parts of printers i.e. cables, fuser, assembly, Teflon pressure roller, printing Heads and all other plastic parts.
- v) All plastic parts of computers, printer and UPSs are covered in this AMC.
- vi) All parts of existing LAN which includes CAT-6 Cable, IOs, Gang Boxes, patch cords, conducting materials etc. Computer key boards and mouse will be the part of this AMC. Batteries of UPSs and Lamp of Projector will also not be the part of AMC.

**10)** The SP shall employ well qualified technical and professional personnel to handle the system for maintenance and rectifications. They should be fully equipped with necessary tools for the job. Failure to employ well qualified and competent personnel shall be enough ground to cancel the AMC.

**11)** The firm will have to deploy at least one qualified IT Engineer on location from 6:00 am to 10:00 pm and provide on call corrective and remedial maintenance from 10 Pm to 6 Am. The machines are presently in their proper designated places. However, in the interest of work or in emergency situation, they may be shifted to some other location within the Office of KV-1,AMB. SP will provide all technical and manual support for this task. The Engineer(s) should be equipped with mobiles to ensure their availability. Amount will be deducted if any service Engineer remains absent/ on leave without providing a suitable substitute.

**12)** Scheduled preventive maintenance shall be undertaken once in a week on every Monday.

**13)** A service register shall be maintained by SP giving details of action taken for preventive and corrective maintenance indicating the time of call, the time of corrective action taken, details of action etc. The maintenance Engineer shall take signature of an Officer designated by KV-1,AMB. The SP shall attend the maintenance work within 24 Hrs of receipt of the complaint. For every one hour delay after 02 Hrs proportionate annual maintenance charges for one day may be recovered or deducted by the KV-1,AMB as the case may be. The SP shall guarantee a minimum uptime of 98% for each machine. For every fall of 1% of Uptime, charges calculated for twice that Period may be recovered/ adjusted from the next payment of AMC. For this purpose, total time taken after receiving the breakdown message (over telephone or otherwise) and making the system functional after repair etc. or by providing a standby machine will be treated as down time.

**14)** If the firm does not attend the complaint, the work will be got done from some other firm at the expenses of the contractor/ SP and the expenditure incurred on such repairs shall be recoverable from the contractor/ SP.

**15)** If SP or their employees damage or destroy any equipment or its parts, or any of its accessories, cable etc., they shall be liable to replace the same with new and original parts failing which amount spent on it will be recovered from their AMC. Besides it, SP will also be responsible for all type of accidents and shall be liable for paying compensation to its workers as well as to the department. However, neither party shall be liable or deemed to be

in default for any delay or failure in performance under this agreement resulting directly or indirectly from causes beyond the reasonable control of such party such as acts of God, riots civil disturbances, accidents, fire explosions, earthquakes flood strikes, lockouts, bombasts embargoes etc. In such cases, either party shall notify the other party of the occurrence of such cause and should as a consequence the performance under this agreement be prevented for a period of longer than six months then both parties shall discuss the course of action to be taken afterwards. In the event if this period exceed twelve months then either party shall have to cancel the agreement.

**16)** No equipment shall be taken away by the SP engineer/ firm without prior intimation and permission from competent authority in KV.

**17)** After the expiry period of the AMC, the SP shall hand over the possession of all the equipment, its parts, accessories etc. along with all the sub parts to KV in perfect working condition.

**18)** The prices quoted by SP shall be inclusive of all taxes i.e local taxes, sale Tax and service tax etc.

**19) PAYMENT TERMS:**

i) The total maintenance charges for first Three Years would be without any charges as per the notification of AIM, NITI Ayog. However the 4<sup>th</sup> and 5<sup>th</sup> years' total maintenance charges are Rupees ..... The comprehensive maintenance charges (for 4<sup>th</sup> and 5<sup>th</sup> year, if applicable) shall payable to the second party in arrears on **quarterly basis**. For this purpose, the Second party will have to submit bill in the name of First party and payment shall be made to them within 30 days from the receipt of the bill.

ii) Enhancement or decrease of taxes, duties or prices of components etc. will not affect the AMC rates during the entire period of AMC, no difference shall be paid or claimed as a result of the above.

iii) In the event of non-satisfactory performance of maintenance services by the second party, first party shall have the right and discretion to terminate this agreement by giving one month notice and to forfeit the proportionate amount from the security deposited by the second party.

.....X.....