

VEER SURENDRA SAI UNIVERSITY OF TECHNOLOGY, ODISHA



P.O: Engineering College Burla (Siddhi Vihar), Dist: Sambalpur
Odisha– 768018, India

Website : www.vssut.ac.in, E-mail: registrar@vssut.ac.in, Ph:(0663)2430573,Fax-2430592

No. VSSUT/ ARCH / 36

Date:19/03/2016

TENDER CALL NOTICE

Sealed Tenders are invited from the intending reputed Original Equipment Manufacturers/Direct Importers/Registered Authorized Dealers for supply of Equipments for **different laboratories of Architecture Department of VSSUT, Burla**. Detailed information and the tender document are available in the University website www.vssut.ac.in.

REGISTRAR

Memo No. VSSUT/ARCH/ 37(05)

Date:19/03/2016

Copy to:

- 1) M/s Display lines, 219, Saheed Nagar, Bhubaneswar-751007 with a request to publish the above advertisement in one issue of the Odisha daily edition (ALL ODISHA EDITION) of THE SAMAJ and the all India edition of The Indian Express using minimum space at I & PR approved/lowest rates. The bills may be sent to the Comptroller of Finance, VSSUT, Burla-768018 in TRIPLICATE along with copies of the paper in which the publication is made, for necessary payment.
- 2) The University/Department Notice Board for publicity.
- 3) Dean F&P, with a request to hoist the tender call notice in the University web site www.vssut.ac.in for wide publicity.
- 4) S.O. Accounts, for information and necessary action. The expenses shall be chargeable under "Tools & Equipments" Head of the University.
- 5) Steno to Registrar for record. This is based on the approval of the Hon'ble Vice Chancellor at Note page N-1 of the File No VSSUT/ARCH/05 of the Architecture Dept.

REGISTRAR

SECTION I: INVITATION FOR BIDS (IFB)

Sealed Bids (properly stitched separately) in two separate covers (**Technical Bid and Price Bid**) are invited by the “**The Registrar, Veer Surendra Sai University of Technology, Odisha**” from the manufacturers/authorized distributors/ dealers for supply of Instrument, equipment, machineries etc. of reputed make (National/ International) for the Department of Architecture, VSSUT Burla, Odisha.

The Bidders may download the **Tender Documents** directly from the website available at <http://www.vssut.ac.in> and the Tender cost fee of Rs.2000/- (Non-refundable) by way of separate Demand Draft drawn in favour of “**The Registrar, Veer Surendra Sai University of Technology, Burla**” payable at **SBI, Burla** should be enclosed along with the Bid. The Tender cost fee and the EMD amount should be submitted separately in separate demand drafts. In case of any bid clarification, responsibility lies with the bidders to collect the same from the website and the purchaser shall have no responsibility for any delay/ omission on part of the bidder.

TIME SCHEDULE:

- a) Price of bidding document: Rs.2000/- (Non-refundable)
- b) Date of commencement of downloading bidding document 20.03.2016 at 11.00 AM
- c) Last date and time for Receipt of bids 20.04.2016 up to 5.00PM
- d) Time and date of opening of Tender & technical bid 21.04.2016 at 11.30 AM
- e) PLACE OF OPENING OF TENDER AND ADDRESS FOR COMMUNICATION AND RECEIPT OF BID DOCUMENTS:

THE REGISTRAR

VEER SURENDRA SAI UNIVERSITY OF TECHNOLOGY, ODISHA
At- Burla, Po-Burla Engineering College, Dist-Sambalpur-768018,
Tel. No-0663-2430211 Fax No-0663-2430204

REGISTRAR
VSSUT Burla

SECTION-II: GENERAL TERMS AND CONDITIONS

GENERAL TERMS & CONDITIONS OF CONTRACT FOR SUPPLY, INSTALLATION AND DEMONSTRATION OF THE INSTRUMENTS, EQUIPMENT, MACHINERIES REQUIRED FOR DEPARTMENT OF ARCHITECTURE, VSSUT, BURLA, ODISHA.

1. Document Establishing Bidder's Eligibility & Qualification

The Bidders shall furnish as part of the Bid the following Documents establishing Bidder's eligibility and qualification to the Purchaser's satisfaction.

- 1.1 Manufacturer / Authorized Distributor / Dealer having valid license / certificates for the quoted item and the direct Importers holding valid Import License Manufacturer / Authorized Distributor / Dealer of the product are eligible to participate in the Bid.
- 1.2 Bidders should have **ISI or equivalent** certification for quoted instruments and equipment. However, the Purchaser shall have the right to consider the items where ISI or equivalent certification is not applicable.
- 1.3 The Bidder whether manufacturer/ distributor/ dealer must have experience of supply and installation of the quoted items in reputed Government Institutions / Public Undertakings / reputed Private Institutions within India during last preceding 3(Three) years reckoned from the date of bid opening and the details must be submitted along with documentary proof.
- 1.4 The Bidders shall have to produce document in support of their service associates **nearest to Bhubaneswar/ Sambalpur**, Odisha.
- 1.5 Bidder shall have to provide operational Training for **Machineries** to one Official of each consignee at Suppliers Plant or Consignee site **at least for 7 days whichever is suitable to Purchaser**.
- 1.6 The Bidder shall quote items of one reputed Brand/model with all accessories in complete to perform functionality of Equipment/Machinery.
- 1.7 Manufacturer has to submit copy of Industry Registration of quoted products and Tax Registration Certificate issued from Competent authority. In case of Authorized Distributor / Dealer/Suppliers have to submit Manufacture authorization along with copy of above documents of Manufacture Industry.

2. Document Establishing Goods Eligibility

The instruments and equipment offered against the schedule of requirement of instruments, equipment and Machineries should be in accordance with the stipulated specifications and of one reputed brand/model (**N.B: Variation in specification is allowed upto±5% in case of Machineries/Equipments**)

- 2.1 The documentary evidence establishing the brand and the model may be in the form of literature, pamphlets, manuals, drawing, circuit diagram etc.
- 2.2 Detailed description of instruments and equipment with essential technical and performance characteristics may also be furnished.
- 2.3 The Bidders should clearly mention in their bid regarding the compatibility of the various equipment or the individual units.
- 2.4 The quantity shown in the bid can be increased or decreased to any extent depending upon the actual requirement.
- 2.5 The instruments and equipment should have testing certificate for its satisfactory functioning.

3. Technical Bid (COVER - A)

The following document should be submitted in cover-A.

- 3.1 Earnest Money Deposit
- 3.2 Technical details of the equipment and machineries as per **Annexure-V**
- 3.3 Copy of the manufacturing license/ import license/ Authorized Distributor/ Dealer certificates
- 3.4 Copy of the authorization from the Manufacturing Company in case of Authorized Distributor /Dealer.in **Annexure-III** along with Manufacturer Industry Registration and Tax Registration Certificate.
- 3.5 VAT/ST clearance certificate up to **date** where applicable.
- 3.6 Performance/ Market standing certificate establishing that the Bidders have executed supply of similar items as mentioned in Schedule of Requirement of instruments and equipment to different Govt. Organizations/ Government PSUs / reputed Private Institutions.(proof of documents)
- 3.7 Copy of the IT PAN Card.
- 3.8 Detail name, address, telephone no. fax, e-mail of the firm and of the Director/ Managing Director/ Proprietor of the firm (As per **Annexure IV**)
- 3.9 Address, Telephone No., e-mail, Fax of the Branch Office/ Contact Person/ Liaisoning Office in Odisha. (As per **Annexure IV**)
- 3.10 Power of Attorney/ Authorization to a person for liaisoning and monitoring the business on behalf of the manufacturer / bidder but not entitled to raise the bills.
- 3.11 Document if any to establish the recognition of the manufacturing unit in respect of ISO or equivalent.
- 3.12 **The original bid document signed & sealed by authorized person in each page as a token of acceptance of all terms and conditions of the tender with original receipt.**

- 3.13 Documentary evidence establishing that the instruments & equipment and ancillary services to be supplied by the Bidders shall confirm to the Bidding Document
- 3.14 Any deviation in the specification of the item including standard accessories / optional accessories in complete for functionality of Machine should be marked in **bold letters.**(**N.B: Variation in specification is allowed upto±5% in case of Machineries/Equipments**)
- 3.15 Details of foundation drawing for instruments and equipment, if any, should be provided.
- 3.16 The details of the service station / service associates nearest to Bhubaneswar/Sambalpur shall have to be submitted to qualify in the technical bid.
- 3.17 Willingness to provide operational Training for Machineries to one Official of each consignee at Suppliers Plant or Consignee site **at least for 7 days whichever is suitable to Purchaser**

4. Price Bid (COVER – B)

- 4.1 The hard copy of price bid giving the rates for various instruments & equipment and other items should be submitted along with sealed soft copy of **price bid in Excel format through CD/Pen drive** both in separate sealed cover here in after called **Cover B (Price Bid). Price Bid (Cover - B)** of the bidders who qualify in **Technical Bid (Cover – A)** will only be opened and will be communicated through **E-mail/Fax.**
- 4.2 The price of the each item shall be quoted as per the prescribed Price Schedule Format at **Annexure-I** along with price break up of custom duty, Excise Duty, CST, Packing, Forwarding and Handling charges, Insurance charges, ET, Freight up to destination including unloading, VAT, commissioning including testing and training with total price per item at **FOR** destination. The bidders are required to submit the individual price of each instrument(s) and equipment(s) as indicated in the schedule of requirements.
- 4.3 Each quoted item and all accessories should cover the warranty / guarantee for **2 (two)** year from the date of commissioning (**Annexure-II**).
- 4.4 The **Cover B** of the technically qualifying bidders shall be only opened at the Office of the **“The Registrar, Veer Surendra Sai University of Technology, Burla”** on the date and time to be communicated to them after technical evaluation of **Cover A by E-mail/Fax..**
- 4.5 The cost of standard accessories shall be included in basic price and optional accessories shall have to be quoted separately.
- 4.6 The bidders are required to submit the list of the spare parts required for the machine as well as the list of the dealers/ Distributors of the spare parts nearest to Bhubaneswar, Odisha for its availability.

5 BID CONDITIONS

5.1 The bidders should verify the sites of existing laboratories of Department of Architecture, VSSUT, Burla and the proposed lay out Plan indicating the location of each unit for necessary Technical Evaluation. The scope of Supply as mentioned in the schedule of requirements if not sufficient for full function of the Equipment/Machinery should be intimated in writing with the technical bid.

5.2 The quoted rate shall not vary with the quantum of order placed or destination point.

5.3 A copy of the original bid conditions and the schedules should be signed by the bidder at the bottom of each page with the office seal duly affixed and returned along with the bid. Bid schedule should be duly filled in with an **index** and **page number** for the documents, enclosures & EMD etc. **Paging** must be done for all the documents submitted.

5.4 Bids should be type written or Computerized and every correction/ over writing in the bid should invariably be attested with signature of the bidder with date before submission of the bids to the authorities concerned. No revision of price upward or downward will be allowed once the bid is opened. However the purchaser shall have the right for considering the exchange rate of foreign currencies on verification of documents.

5.5 Language of Bid

The Bid prepared by the bidders and all correspondence and document relating to the bid exchanged by the Bidders and the *Purchaser*, shall be written in the English language. Supporting document and printed literature furnished by the Bidders may be written in another language provided they are accompanied by an accurate translation of the relevant passages in the English language in which case, for purposes of interpretation of the Bid, the English translation shall govern.

5.6 Bid Price

- The contract shall be for the full quantity as described above. Corrections, if any, shall be made by crossing out, initialing, dating and re-writing.
- All duties, taxes, and other levies payable on the raw materials and components, job contract shall be included in the total price.
- VAT in connection with the sale shall be shown separately.
- The rates quoted by the bidders shall be fixed for the duration of the contract and shall not be subject to adjustment on any account.
- The price shall be quoted in Indian Rupees only.

5.7 VAT/ST clearance

Copies of valid VAT clearance Certificates shall be furnished by the Bidders and the originals of the above certificates shall be produced to the purchaser before placement of notification of award if asked for by the Purchaser.

5.8 EMD

All bidders are required to submit EMD **not less than 2% of the quoted amount** in shape of **Demand draft** drawn in favour of **“The Registrar, Veer Surendra Sai University of Technology, Burla” payable at SBI, Burla** only. The EMD shall be in Indian Rupees.

NOTE: Non-submission of EMD or submission of less EMD than the desired one shall result in rejection of Bid. The EMD deposited against other Bids cannot be adjusted or considered for this Bid. No interest is payable on EMD.

5.9 SUBMISSION OF BIDS

Sealing and Marking of Bids

Bid should be submitted in two Bid system containing two parts as detailed below.

Sealed Cover-A: Technical Bid.

Sealed Cover-B: Price Bid (hardcopy & sealed soft copy in CD/pen drive)

Both the sealed envelopes should then be put in one outer cover and each cover should have the following indication:

- i) Reference No of Bid _____
- ii) Bid regarding _____
- iii) Due date & time for submission of the Bid _____
- iv) Due date & time for opening of the Bid _____
- v) Name of the Firm _____

NOTE:

A. Bids submitted without following two Bid system procedures as mentioned above will be summarily rejected.

B. Please Note that **prices should not be indicated in the Technical Bid**. The Prequalification document including EMD as required in the Bid document should invariably be accompanied with the Technical Bid (**Cover A**).

The outer envelope shall indicate the name and address of the bidders to enable the bid to be returned unopened in case it is declared **“late”**. If the cover containing the outer envelope is not sealed and marked as required, **Purchaser** will assume no responsibility for the bid's misplacement or premature opening.

The above procedure shall be adopted both for the Technical bid and price bid separately. Telex, cable, email or facsimile bids will be rejected.

5.10 Deadline for Submission of Bids

Bids must be received by the **Purchaser** at the address specified not later than the time and date specified in the Invitation of Bids. In the event of the specified date for the submission of bids being declared a holiday for the **Purchaser**, the bids will be received up to the appointed time on the next working day.

The **Purchaser** may, at its discretion, extend this deadline for submission of bids by amending the bid document, in which case all previous rights and obligations of the purchasers and bidders will remain same till the extended date.

5.11 Modification and Withdrawal of Bids

No Modification and Withdrawal of Bids is allowed between the interval of time of submission and the last date and time of the bids.

No bid may be withdrawn in the interval between the deadline for submission of bids and the expiration of the period of bid validity specified by the bidders on the bid form.

5.12 BID OPENING

5.13 The **Purchaser** will open all bids, in the presence of bidder's representatives who choose to attend at **11.30 AM on dated 21.04.2016** at the Office of the "**The Registrar, Veer Surendra Sai University of Technology, Burla**".

5.14 The bidder's representatives who are present shall sign a register evidencing their attendance. In the event of the specified date of bid opening being declared a holiday for the **Purchaser**, the bids shall be opened at the appointed time and location on the next working day.

5.15 The bidder's names, and the presence or absence of the requisite EMD and such other details as the **Purchaser**, at its discretion, may consider appropriate will be announced at the opening. No bid shall be rejected at bid opening, except for late bids, which shall be returned unopened to the bidders.

5.16 Acceptance of the Bid

- Bidders submitting bids would be considered who have considered and accepted all terms and conditions. No enquiries, verbal or written, shall be entertained in respect of acceptance or rejection of the bid.

- Genuine equipment and instrument etc. should be supplied. Bidders should indicate the source of supply i.e. name and address of the manufacturers from whom the items are to be sourced.
 - Supply of equipment means – Installation and Commissioning (except civil works), Demonstration as well as Training at site. **No separate charges will be paid on this account.**

5.17 Rejection of the Bid

The Bid document shall be out-rightly rejected under following stipulation and no correspondence will be entertained whatsoever.

- If the Bidders has not furnished the required **Tender paper cost** and **EMD** or EMD exemption certificate from competent authority.
- If the Bidders has not submitted the Price as per the prescribed format **Annexure-I**
- **Manufacturing Authorization Annexure-III and in case of Authorized Distributor / Dealer/Suppliers have to submit Manufacture authorization along with copy of above documents of Manufacture Industry.**
- If the bid is not supplemented with breakup of standard accessories / Optional accessories & cost of AMC separately for three years after completion of warranty period **(In case of major machinery only).**
- Photo copy of the up-to-date valid manufacturing license/ import license (if it is imported) /dealership certificate/Distributor certificate of the product along with Tax registration Certificate of Manufacturer issued from competent authority.
- If the bidders, whether manufacturer or authorized distributor/ dealer have not supplied the required quantity for qualification as per the eligibility criteria and not submitted the performance statement at **Annexure-IV with supporting documents.**
- If the quoted product of the bidders not confirms to technical specification with complete accessories for functional Equipment/Machinery and standard of workmanship required by the Purchaser.
- If the bidder has not furnished technical details of the equipments and machinery with **one make & model** as per **Annexure-V.**
- **If bidder will quote items of more than one make/model.**
- If the bidder has not furnished detailed mandatory drawings, **catalogue/**, Foundation drawings & schedule of supply of items, if required.
- If the bidders have not agreed to give **bid validity.**

- If Bidder is not willing to provide operational Training for Machineries to one Official of each consignee at Suppliers Plant or Consignee site **at least for 7 days in case of major machineries whichever is suitable to Purchaser.**

5.18 Purchaser's Right to Accept any Bid and to Reject any Bid

The Purchaser reserves the right to accept or reject any bid and to annul the bidding process and reject all the bids without assigning any reason thereof at any time prior to award of Contract, without thereby incurring any liability to the affected Bidders or Bidders on the grounds of such action of the purchaser. In case no bidder qualifies as per qualifying criteria and standards, purchaser may at his discretion relax qualification criteria for award of contract.

5.19 Evaluation and Comparison of Bids

The comparison shall be of FOR destination price basis including the price of all costs wherever applicable as well as duties and taxes (**but excluding VAT**) paid or payable on Machineries, instruments & equipment incorporated or to be incorporated in the items including the warrantee/guarantee period from the date of installation.

- The Purchaser's evaluation of a bid will take into account, in addition to the bid price and the price of incidental services.
- The purpose of bid evaluation is to determine substantially responsive bid with the lowest evaluated cost, but not necessarily the lowest submitted price, which should be recommended for award.
- Evaluation of bids should be made strictly in terms of the provisions in the bid document to ensure compliance with the commercial and technical aspects.
- The past performance of the suppliers will be taken into account while evaluating the bids.
- Cost of the inland transportation, insurance and other costs within the Purchaser's Country incidental to delivery of the goods to their final destination;
- Delivery schedule offered in the bid;
- Deviations in payment schedule from that specified in the General Terms & Conditions of Contract;
- The availability in the Purchaser's country of spare parts and after-sales services for the goods offered in the bid;
- The projected operating and maintenance costs during the life of the equipment/ goods.
- The performance and productivity of the equipment/ goods offered;
- The quality and adaptability of the equipment/ goods offered.

- Any other point as deemed proper to be incorporated by the evaluation committee.
- **Alternative options of offer shall not be allowed.**
- Each Bidder shall submit only one quotation with one make & model.
- The quotation would be evaluated separately for each item
- Sales Tax in connection with sale of goods shall not be taken into account in evaluation.
- Negotiation shall be made with the lowest evaluated bidder.
- Lowest evaluated price shall be taken in to consideration, but not the lowest quoted price.
- Willingness to provide operational Training to one Official of each consignee at consignee site for at least **7 days whichever is suitable to Purchaser.**

6.0 Supply Conditions

6.1 Delivery of Goods

The delivery of goods shall be made by the supplier to the Consignee in accordance to the order placed as shall be detailed in the Schedule of requirements & technical specifications.

6.2 Instruments, Equipment & Machineries Demonstration cum Inspection

Purchaser reserves the right to ask for demonstration cum inspection of the instruments & equipment where ever applicable.

6.3 Inspection/ Test/Training

The supplier shall get each equipment inspected in manufacturer's works and submit a test certificate (New & Unused) and also guarantee/warranty certificate that the equipment confirms to laid down specifications.

The supplier shall invite the purchaser for pre-dispatch inspection. The Purchaser or his representative shall have the right to inspect/ examine/ test the goods in conformity with the contract awarded/supply order during the production or before dispatch from the manufacturer's premises. Such inspection and clearance will not prejudice the right of the consignee to inspect and test the equipment on receipt at destination.

The inspection/examination/ test may be conducted in the premises of the Supplier or at the goods final destination or at the premises of the consignee, as will be decided by the Purchaser.

The purchaser's right to inspect/ examine/test & where necessary to reject the instruments & equipment after the arrival of the goods at the final destination, shall in no way be limited or waived by the reason of the goods having been inspected and tested by the manufacturer previously. In case of rejection of the goods at the final destination after inspection and test as stipulated above and in case any inspected/ tested goods fail to confirm to the

specification/ working condition, the purchaser may reject them and the supplier shall replace/ repair the same free of cost.

6.4 Warrantee Period (comprehensive)

The Bidders must quote for a minimum period of **2 (Two) years** of comprehensive **warranty** from the date of completion of the satisfactory commissioning as per (**Annexure-II**). This also includes all accessories related to instruments & equipment quoted for.

6.5 Up time Warrantee

The Bidders should provide uptime guarantee of 95%.

6.6 Downtime Penalty Clause

During the warranty period, desired uptime of 95% of 365 days (24 hours) if downtime exceeds 5%, penalty in the form of extended warranty, double the number of days or more will be applied for which the equipment goes out of service.

In no case the machineries should remain in non-working condition for more than 30 days beyond which a penalty of 0.2% of machine cost will be charged per day.

6.7 Payment Terms

No advance payment will be made by the Purchaser to the supplier for performance of the contract. 100% of the contract price shall be paid within 30 (thirty) days after satisfactory supply, installation, demonstration, Commissioning & training and stock entry of bills of the goods within due date of delivery.

6.8 Transportation

The Supplier shall be required to meet all transport and storage expenses until commissioning of the instrument(s) / equipment covered in the contract.

6.9 Taxes and Duties

The Supplier shall be entirely responsible for payment of all Taxes, Duties etc. incurred until delivery of the contract goods to the Consignee subject to recovery afterwards in the bill as claimed in the Bid offer.

VAT as applicable is payable, to the suppliers of the State of Odisha if claimed in the Bid offer.

VAT/ CST will be paid to the Suppliers of the outside State other than Odisha, if claimed in the Bid offer. Any revision of VAT/ CST shall automatically be taken into account.

Entry Tax, if paid by the Supplier, at the local (destination head) Corporation/ Municipality/ NAC is allowed once only on production of money receipt for such payment, if claimed in the Bid offer. Any other statutory levy imposed by the Govt. of India/ Govt. of Odisha from time to

time will be considered extra on demand with adequate proof thereof The service tax and the work contract tax shall be levied (Wherever applicable). Income Tax as applicable shall be deducted at source.

6.10 Incidental Services

The Supplier shall be required to provide any or all of the following services : (The cost should be included in the quoted Price)

- Furnishing of detailed literature/pamphlets/ circuit diagram/ operation & maintenance manual / drawings (as applicable) for each appropriate unit of supplied goods.
- Furnishing of tools required for assembly and / or maintenance of the supplied goods.
- Performance or supervision of on-site assembly and the supplied goods.
- Performance or supervision or maintenance and/ or repair of the supplied goods, for a period of time agreed by the parties, provided that this service shall not relieve the supplier of any warranty/ guarantee obligations under the contract.
- **Training of the Purchaser's personnel at the Supplier's plant and / or on site, in assembly, start up, operation, maintenance and/ or repair of the supplied goods is Mandatory** .A maintenance contract for the goods supplied, if required by the user beyond the warranty period shall be on mutually agreed upon terms between the user and supplier. The cost of such maintenance contract shall not be included in the Bid cost.

6.11 Period of Validity of Bids

- The bid rates should be kept open/ valid for a period of **180** days from the date the Bids are opened.
- A bid valid for a shorter period i.e less than **180** days shall be rejected, as nonresponsive.
- In absence of any indication of the date of validity in the bid, it will be presumed that the offer will remain valid for the minimum period i.e. **180** days as prescribed above.
- In exceptional circumstances the purchaser may solicit the bidders consent for extension of the period of validity. If agreed upon, the bid security so deposited shall also be suitably extended.

6.12 Commissioning Period

Maximum commissioning period is **30 days** from the date of supply OR **120 days from the date of issue of Purchase Order** failing which the purchaser will have the right to impose penalty for the delay period @ **0.5% per week of the contract value of item/items**

excluding taxes from the bill amount subject to maximum of 10%. However Registrar has right to extend the delivery period/commissioning period in special cases.

6.13 Penalty against Non Supply

In case of non supply of Stores within the due date i.e. within the date of delivery the EMD deposited by the bidder shall be forfeited.

6.14 Rejected items

No payment shall be made for rejected supplied items. Rejected items must be removed by the bidders within two weeks of the date of rejection at their own cost and replace immediately. In case these are not removed these will be auctioned by the purchaser (at the risk and responsibility of the suppliers) without any further notice.

6.15 Annual Maintenance Contract

The Cost of Annual maintenance contract for next 3 years after warranty period shall be submitted as per the **Annexure at I(b)** . The after sales service during and after the warranty / guarantee period should be available from companies own engineers.

6.16 Jurisdiction of the Court

The Purchaser and the Supplier shall agree that the competent Court at Sambalpur shall have the jurisdiction to try and decide anything between the parties and they may approach the Competent Court at Sambalpur if required at any time.

**REGISTRAR
VSSUT, Burla**

SECTION – III: FORMS AND ANNEXURES

ANNEXURE-I (a)

PRICE SCHEDULE (ITEM WISE)

Item Serial No	Item Description	Country of origin with make & model	Quantity & Unit	Price for each unit							Total Price (a+b+c+d+e+f)
				Exware house/ Ex-showroom/ Off-the-shelf (a)	Excise duty/Costume duty, if any (b)	Packing & Forwarding (c)	Inland transportation, insurance and other local costs incidental to delivery (d)	CST/ Entry tax, if any (e)	Unit price (a+b+c+d+e)	VAT (f)	

ANNEXURE-I (b)

PRICE SCHEDULE (ITEM WISE) - B

PRICE SCHEDULE FOR ANNUAL MAINTANCE CONTRACT AFTER COMPLETION OF WARRANTY PERIOD.

Sl.No	Brief description of Goods Total annual	Quantity in nos.				Annual Maintenance Contract cost 3 years i.e. 3x (4a+4b+4c)
			4			
1	2	3	1st yr.	2nd yr.	3rd yr.	
			(a)	(b)	(c)	

** After Completion of warranty period

Note:-

1. In case of discrepancy between unit price and total prices, THE UNIT PRICE shall prevail.
2. The cost of Annual Maintenance Contract (AMC) which includes preventive maintenance including testing & calibration as per technical/ service/ operational manual, labour and spares, after satisfactory completion of warranty period may be quoted for next 3 years on yearly basis for complete equipment and turnkey (if any).
3. The cost of AMC may be quoted along with taxes applicable on the date of bid opening. The taxes to be paid extra, to be specifically stated. In absence of any such stipulation the price will be taken inclusive of such taxes and no claim for the same will be entertained later.
4. Cost of AMC will not be added for Ranking/Evaluation purpose. However, the cost of AMC for lowest evaluated bidder is subject to negotiation.
5. The payment of AMC will be made as per payment terms of the bid document.
6. The uptime warranty and down time penalty shall be as per the bid document.
7. All software update should be provided free of cost during AMC period.
8. The stipulations in Technical Specification will supersede above provisions.
9. The supplier shall keep sufficient stock of spares require during Annual comprehensive Maintenance Contract period. In case the spares are required to be imported, it would be the responsibility of the supplier to import and get them custom cleared and pay all necessary duties.

Place:

Date:

Signature of Bidder
Business Address
Seal of the Bidder

ANNEXURE - II

WARRANTY MAINTENANCE CONTRACT AGREEMENT.

THIS AGREEMENT made the.....day of, 20__ between the “**The Registrar, Veer Surendra Sai University of Technology, Burla**” (hereinafter “the Purchaser”) of the one part and M/s..... (here in after called “the Supplier”) of the other part:

WHEREAS the Purchaser invited bids for certain Goods & ancillary services viz, supply and commissioning of the instruments & equipment at Bhubaneswar including Comprehensive Warranty Maintenance Services and has accepted a bid by the Supplier for the instruments & equipment specified below at the Consignee site including Comprehensive Warranty maintenance Services for a period of 2 (Two) year from the date of installation & commissioning of the instruments & equipment as per award of Contract No..... dated

Name of the Equipment & machineries Qty

(To be filled in as per details of goods in the award of Contract)

NOW THIS AGREEMENT WITNESSETH AS FOLLOWS:

1. Maintenance Services shall consist of Preventive and Corrective maintenance of equipment specified above & will include repair and replacement of parts free of cost.
2. Preventive maintenance, monthly once, which includes:
 - 2.1 Check-up to ensure that device connection is proper, cabling is at proper condition etc.
 - 2.2 Cleaning of the above instruments & equipments and checking the System Performance.
3. The Supplier is to furnish the tentative schedule of the preventive maintenance of Warranty Maintenance Contract (WMC) to be carried out.
- 4 The parts replaced must be new parts or equivalent in performance to new parts.
5. The Supplier will also provide the same maintenance service in case of the movement of equipment from the place of original installation to a different place or location, if the equipment is shifted by the Purchaser to another place or location at the cost and risk of the purchaser.
6. Any complaint informed through telephone must be acknowledged with a Complaint No. by the Supplier which will be noted by Consignee. All further contact with the

Supplier on such complaint will be initiated through that Complaint No. Once rectification done, that No. will be

cancelled by both parties. A register is to be maintained by the Supplier where complaints are to be noted along with Complaint No.

7. The maintenance shall normally be done at the earliest.

8. The Service Engineer of the Supplier will be allowed to handle the respective plant & machineries only in presence of the officer in charge at the Consignee site.

9. The Supplier should ensure that maintenance job is not hampered/delayed due to paucity of spares/inadequate manpower etc.

10. The Supplier should submit the services call report, to the Consignee for each and every service call without fail.

11. The Supplier evaluation data format for the WMC of Consignee systems may be filled up for necessary action.

12. All formats after filled up should be signed at the end of each page by the Supplier.

13. After completion of the work/repair/maintenance, the Purchaser shall issue a certificate of completion to the supplier to that effect.

Signature

Signature

For the Purchaser

For the Supplier

Name:

Name:

Designation:

Designation:

Address:

Address:

Telephone No:

Telephone No:

ANNEXURE-III

MANUFACTURES' AUTHORISATION FORM

No. _____ / Date _____ /

To

The Registrar,
VSSUT Odisha
Burla, Sambalpur.

Dear Sir, Bid No. _____

We _____ who are established and reputable manufacturers of _____ having factories at _____ (Address of Factory) do hereby authorize M/s. _____ (Name and address of Agent) to submit a bid and sign the contract with you against the above bid.

* No company or firm or individual other than M/s. _____ are authorized to bid and conclude the contract in regard to this business against this specific invitation for bid.

We hereby extend our full guaranty and warranty as per general conditions of contract for the goods and services offered by the above firm against this bid.

Yours faithfully,
(Signature for and on behalf of Manufacturers)

Note: This letter of authority should be on the letterhead of the manufacturer and should be signed by a person, competent and having the power of attorney to bind the manufacturer. It should be included original by the Bidders in its bid.

- This para should be deleted for simple items where manufacturers sell the product through different stockiest.

ANNEXURE-IV
DETAILS OF THE BIDDERS

Bid Reference No.

Name and address of the Bidder:

01 Name of the bidder

- a) Full postal address
- b) Full address of the premises
- c) Telegraphic address
- d) Telephone number
- e) Fax number
- f) E mail:
- g) PAN No
- h) TIN No

02 Total annual turn-over (value in Rupees)

03 Quality control arrangement details

04 Test certificate held

- a) Type test
- b) BIS/ISO certification
- c) Any other

05 Details of staff

- a) Technical
- b) Skilled
- c) Unskilled

06 Branch Office/ Contact Person/ Liaisoning Office in Odisha.

- a) Address
- b) Telephone No.
- c) e-mail,
- d) Fax

Signature and seal of the Bidder

ANNEXURE-V

Technical details of the Machineries & Equipments to be supplied by the bidder

Bid SI No. of the item	Tender specification	Bidders Specification with make and model no (Enclose manufactures catalogue / brochure for each item)	Deviation if any With university specification

Signature and seal of the Bidder

SECTION-IV: SCHEDULE OF REQUIREMENTS AND TECHNICAL SPECIFICATIONS

DESIGN STUDIO		
Sl No.	Name & Specification of articles/materials/machineries/services	Quantity
1	<p><u>Triangular Scale- Architectural 12"</u> Ruler & Measuring Device Material-Plastic. Three sides with six different scales feature die-engraved graduations. Color-coded grooves with inking edge</p>	10
2	<p><u>T-Scale</u> Made of selected hardwood to offer strength and rigidity to the blade. Durable, see through acrylic edges are elevated to prevent smudging.</p>	10
3	<p><u>Triangle Clear 30/60 6" w/ inking edge</u> A clear acrylic triangle (10"-30/60 degrees) with 16ths of an inch graduations on two edges. Raised inking edge prevents smudging. Cut-out finger lifts.</p>	10
4	<p><u>Triangle Clear 45/90 6" w/ inking edge</u> Made of heavy duty 1/8" thick acrylic plastic, with beveled edges, die-engraved graduations, and a white protractor arc. Double row of graduations on protractor arc shows complementary angle at any setting. Angles from 0 to 90 degrees. Built-in magnifier allows exact settings.</p>	10
5	<p><u>Erasing Shield</u> Fine gauge stainless steel. Assures clean accurate erasures.</p>	10
6	<p><u>Circle Template Master Inking</u> Circle diameter sizes from 1/16" to 1 3/8", with 1/16" to 11/32" in 1/64" increments, 3/8" to 3/4" in 1/32" increments, 13/16" to 1" in 1/16" increments and 1 1/8" to 1 3/8" in 1/8" increments. Size: 7 5/16" X 3 3/8".</p>	10
7	<p><u>Metal Pencil Sharpener</u> (Staedtler or similar)</p>	20
8	<p><u>Compass and Bow Set</u> Compass, leads. Nickel plated finish</p>	10
9	<p><u>Eraser Kneaded Small</u> Fine gauge stainless steel. Assures clean accurate erasures</p>	20

10	<p><u>White Vinyl Eraser</u></p> <p>Soft white erasers for removing graphite marks cleanly from paper, vellum and drafting film. Includes eraser sleeve for easy handling.</p>	20
11	<p><u>Drafting Dots or Drafting Tape</u></p> <p>Drafting Dots- Contains 500 drafting dots, each 7/8" diameter. In convenient pull-tab dispenser.</p> <p>Drafting Tape-Smooth low-tack surface, allows tee squares and triangles to glide over without hanging up. Removes cleanly.</p>	20
12	<p><u>Drafting Brush</u></p> <p>Horsehair bristles with strong plastic handle.</p>	10
13	<p><u>18"x24" Bristol Board, 15+ sheets pad, vellum finish</u></p> <p>Excellent for pencil, charcoal, pastel, airbrush and light washes.</p> <p>Each pad contains 15 sheets.</p>	20
14	<p><u>24" Drafting vellum, 10 yard roll, 1000H, plain Tracing Paper, 12" roll, white</u></p> <p>Premium 100% rag content transparent drafting vellum 24" .For making drawings that are reproducible on a whiteprint machine.</p> <p>This remarkable paper retains its strength, stability, transparency, and printing qualities under exposure to heat, light, and atmosphere. It will not become yellow, brittle, or opaque with age.</p>	20
15	<p><u>Movable Display Panels</u></p> <p>Panel size : 12'-10" x 6'-0" excluding frame if any.</p> <p>Freestanding portable and foldable display panels can be arranged as a straight, curved angled, l-shaped or u-shaped. ability to absorb sound. The honeycomb core is surrounded by dual layers of fiberglass insulation and covered fabric, vinyl, or laminate material. The fabric surface accepts tacks, staples, or pins to hang posters or artwork.</p> <ul style="list-style-type: none"> • Acoustical Fire Rated Tackable Panels • Full Length Hinges • Self Leveling casters • Position Control Hinges • Dual Interior Casters • Locking Corner Casters • Storage Latch 	10
16	<p><u>Fixed Display Panels (4'X6')</u></p> <p>Panel size : 18" x 25" of 4 rows.</p> <p>The fabric surface accepts tacks, staples, or pins to hang posters or artwork.</p>	8
17	<p><u>Overhead Projector and projector screen</u></p> <ul style="list-style-type: none"> • Brighter Colors and reliable performance: 3LCD, 3-chip technology • One measurement of brightness is not enough: look for both high color 	1

	<p>brightness and high white brightness 3700 lumens White Brightness: 3700 lumens</p> <ul style="list-style-type: none"> • Larger-than-life, widescreen images: native high-definition WXGA (1280 x 800) resolution and 16:10 aspect ratio, 1.6 x optical zoom: expand your projector placement or installation flexibility; get sharp, clear images with no digital distortion • Full HDMI digital and network connectivity including RJ-45 and optional wireless: allows remote network projector management, and presentations over the network (content over IP) • Powerful 16 W speaker and built-in microphone input: engage the entire classroom Versatile connectivity for the classroom: HDMI, USB, audio out, monitor out, computer / VGA inputs and RS-232c • Expanded USB functionality: partner your projector directly with the Epson DC-06 document camera, or deliver PC-free slideshows using USB flash drives (supports multiple image file formats- JPEG, PNG, GIF and BMP) 	
18	<p><u>Laser Light pointers</u> Max 5mw.Output wavelength: 532 nm. Output mode: dot Press button for ON/OFF Battery operated with smooth operation.</p>	2
19	<p><u>Camera with Tripod stand (Canon/Nikon DSLR)</u> Canon EOS 700D 18 MP Digital SLR Camera with 18-55 STM Lens, 8 GB SD Card. Or Nikon D5300 24.1 MP Digital Still Camera, 8 GB SD Card</p>	1
20	<p><u>Measurement tape,50 mtr and 100 mtr</u> Design allows easy cleaning of tape. Long winder with easy grip knob facilitates quick rewinding. Protruding marker at bottom of the case allows easy measurement of land. Professional quality with 13 MM Tape Width, tougher, more flexible, and safer than steel, and will not rust or corrode.</p>	2
21	<p><u>Equipment rack</u> Metal cabinets of in height 1800 mm and widths 1200 mm. With a wooden top surface. As standard they are supplied with adjustable feet for height levelling. Internal shelves – fixed and pull-out frames. All metal parts for the cabinets should be connected with bolts, clips and screws ensuring sufficient rigidity but also allowing the product to be disassembled for transportation or the replacement of any damages parts. The shelves should have a load capacity of 45kg evenly distributed. The carcass of the metal cabinet’s should be made from 1.3 mm deep-drawn steel sheet with a thermosetting powder coating finish. Shelves made from 1.3 mm sheet with powder coating finish.</p>	2

22	<p><u>shelves with 60 partitions</u></p> <p>Metal cabinets of in height 1080 mm and widths 800 mm. With a wooden top surface. As standard they are supplied with adjustable feet for height levelling. Internal shelves – fixed and pull-out frames, and pull-out drawers. All metal parts for the cabinets should be connected with bolts, clips and screws ensuring sufficient rigidity but also allowing the product to be disassembled for transportation or the replacement of any damages parts. The shelves should have a load capacity of 30kg evenly distributed. The carcass of the metal cabinet’s should be made from 0.8 mm deep-drawn steel sheet with a thermosetting powder coating finish. Shelves made from 0.8 mm, frames and pull-out items from 1.3 mm sheet with powder coating finish.</p>	1
23	<p><u>White Board and marker</u></p> <p>Sturdy, stylish frame fits any environment Adjusts to stand on floor or tabletop Easy-to-clean dry erase surface Ideal for presenting and writing Dimensions: 29W x 41H inches marker colour- .Atleast 6 pack set of colours,dry erase markers feature bold and vibrant color inks that dry quickly, erase easily and work great on any dry erase board surface. The markers also feature long-lasting, non-toxic, low odor ink</p>	1
24	<p><u>Computer system(Dell With Graphics card)</u></p> <p>With 4th/6th Gen. i3/i5 processor, 4GB/8GB DDR 3 RAM memory, 500GB/1TB Internal hard drive and 2/4 GB internal graphics card along with suitable 19” monitor, compatible mother board, UPS, CPU cabinet of suitable make with good cooling system, Internal DVD player, mouse and keyboard.</p>	1
25	<p><u>HP Plotter (Over A0 Size Print)</u></p> <p>HP Plotter with paper printing provision of over A0 size paper</p>	1

ART AND GRAPHICS STUDIO

SI No.	Name & Specification of articles/materials/machineries/services	Quantity
1	<p><u>Sign Pen Black</u></p> <p>Luxur Sign pens Polyester fiber tip Non-Toxic water based ink Line width: 1.0 mm</p>	10
2	<p><u>Pigma Micron Pens Black:</u></p> <p>005, 01, 03, 05, 08 A fine point drawing and writing pen offering waterproof, quick drying pigment ink.</p>	10

	The Micron pen will not clog or dry out.	
3	<u>Prisma Marker:</u> Black, Warm Gray 40%	10
4	<u>Drafting Pencils (Faber castle)</u> 4H, 2H, H, HB, 3B, 6B (set if possible)	20
5	<u>Prisma Pencils:</u> White, Black, Warm Gray 50%, Sepia, Crimson, Goldenrod, Cream, Apple, Cerulean	20
6	<u>Waterbrush Pen</u> Sakura Koi Portable waterbrush pen Koi water brush puts a water reservoir at fingertip. Built in water tank inside the handle to distribute water easily and directly to the brush tip.	20
7	<u>Round water color brush set</u> Faber-Castell Synthetic Hair Round Assorted paint brush Paint brushes with best quality hair, anti-rusting ferrules and wooden handle. Synthetic hair paint brush for acrylic and oil colours. Range of brush hair size: 000 to 12 (Round Hair Paint Brushes)	10
8	<u>12-color Portable Watercolor Set</u> (Windsor & Newton, Cotman, or Prang)	10
9	<u>Sketchbook A3 size</u> Navneet or Classmate A3 Sketch book for drawing and art.	10
10	<u>Charcoal Stick, soft</u> Daler-Rowney willow Smooth Mark, deep blue hue and uniform texture.	10
11	<u>Triangular Scale- Architectural 12"</u> Ruler & Measuring Device Material-Plastic. Three sides with six different scales feature die-engraved graduations. Color-coded grooves with inking edge	10
12	<u>T-Scale</u> Made of selected hardwood to offer strength and rigidity to the blade. Durable, see through acrylic edges are elevated to prevent smudging.	10
13	<u>Triangle Clear 30/60 6" w/ inking edge</u> A clear acrylic triangle (10"-30/60 degrees) with 16ths of an inch graduations on two edges. Raised inking edge prevents smudging. Cut-out finger lifts.	10
14	<u>Triangle Clear 45/90 6" w/ inking edge</u> A clear acrylic triangle (8"-45/90 degrees) with 16ths of an inch graduations on two edges. Raised inking edge prevents smudging. Cut-out finger lifts.	10

15	<u>Erasing Shield</u> Fine gauge stainless steel. Assures clean accurate erasures.	20
16	<u>Circle Template Master Inking</u> Circle diameter sizes from 1/16" to 1 3/8", with 1/16" to 11/32" in 1/64" increments, 3/8" to 3/4" in 1/32" increments, 13/16" to 1" in 1/16" increments and 1 1/8" to 1 3/8" in 1/8" increments. Size: 7 5/16" X 3 3/8".	10
17	<u>Metal Pencil Sharpener</u> (Staedtler or similar)	10
18	<u>Compass and Bow Set</u> Compass, leads. Nickel plated finish	10
19	<u>Eraser Kneaded Small</u> Fine gauge stainless steel. Assures clean accurate erasures	20
20	<u>White Vinyl Eraser</u> Soft white erasers for removing graphite marks cleanly from paper, vellum and drafting film. Includes eraser sleeve for easy handling.	10
21	<u>Drafting Dots or Drafting Tape</u> Drafting Dots- Contains 500 drafting dots, each 7/8" diameter. In convenient pull-tab dispenser. Drafting Tape-Smooth low-tack surface, allows tee squares and triangles to glide over without hanging up. Removes cleanly.	10
22	<u>Drafting Brush</u> Horsehair bristles with strong plastic handle	10
23	<u>18"x24" Bristol Board, 15+ sheets pad, vellum finish</u> Excellent for pencil, charcoal, pastel, airbrush and light washes. Each pad contains 15 sheets.	20
24	<u>24" Drafting vellum, 10 yard roll, 1000H, plain Tracing Paper, 12" roll, white</u> Premium 100% rag content transparent drafting vellum 24" .For making drawings that are reproducible on a whiteprint machine. This remarkable paper retains its strength, stability, transparency, and printing qualities under exposure to heat, light, and atmosphere. It will not become yellow, brittle, or opaque with age.	20
25	<u>Movable Display Panels</u> Panel size : 12'-10" x 6'-0" excluding frame if any. Freestanding portable and foldable display panels can be arranged as a straight, curved angled, l-shaped or u-shaped. Ability to absorb sound. The honeycomb core is surrounded by dual layers of fibreglass insulation and covered fabric, vinyl, or laminate material. The fabric surface accepts tacks, staples, or pins to hang posters	10

	<p>or artwork.</p> <ul style="list-style-type: none"> • Acoustical Fire Rated Tackable Panels • Full Length Hinges • Self Leveling casters • Position Control Hinges • Dual Interior Casters • Locking Corner Casters • Storage Latch 	
26	<p><u>Fixed Display Panels (4'X6')</u> Panel size: 18" x 25" of 4 rows. The fabric surface accepts tacks, staples, or pins to hang posters or artwork.</p>	8
27	<p><u>Overhead Projector and projector screen</u></p> <ul style="list-style-type: none"> • Brighter Colors and reliable performance: 3LCD, 3-chip technology* • One measurement of brightness is not enough: look for both high color brightness and high white brightness 3700 lumens White Brightness: 3700 lumens • Larger-than-life, widescreen images: native high-definition WXGA (1280 x 800) resolution and 16:10 aspect ratio, 1.6 x optical zoom: expand your projector placement or installation flexibility; get sharp, clear images with no digital distortion • Full HDMI digital and network connectivity including RJ-45 and optional wireless: allows remote network projector management, and presentations over the network (content over IP) • Powerful 16 W speaker and built-in microphone input: engage the entire classroom Versatile connectivity for the classroom: HDMI, USB, audio out, monitor out, computer / VGA inputs and RS-232c • Expanded USB functionality: partner your projector directly with the Epson DC-06 document camera, or deliver PC-free slideshows using USB flash drives (supports multiple image file formats- JPEG, PNG, GIF and BMP) 	1
28	<p><u>Laser Light pointers</u> Max 5mw.Output wavelength: 532 nm. Output mode: dot Press button for ON/OFF Battery operated with smooth operation.</p>	2
29	<p><u>Equipment rack</u> Metal cabinets of in height 1800 mm and widths 1200 mm. With a wooden top surface. As standard they are supplied with adjustable feet for height levelling. Internal shelves – fixed and pull-out frames. All metal parts for the cabinets should be connected with bolts, clips and screws ensuring sufficient rigidity but also allowing the product to be disassembled for transportation or the replacement of</p>	2

	any damages parts. The shelves should have a load capacity of 45kg evenly distributed. The carcass of the metal cabinet's should be made from 1.3 mm deep-drawn steel sheet with a thermosetting powder coating finish. Shelves made from 1.3 mm sheet with powder coating finish.	
30	<p><u>Shelves with 60 partitions</u></p> <p>Metal cabinets of in height 1080 mm and widths 800 mm. With a wooden top surface. As standard they are supplied with adjustable feet for height levelling. Internal shelves – fixed and pull-out frames, and pull-out drawers. All metal parts for the cabinets should be connected with bolts, clips and screws ensuring sufficient rigidity but also allowing the product to be disassembled for transportation or the replacement of any damages parts. The shelves should have a load capacity of 30kg evenly distributed. The carcass of the metal cabinet's should be made from 0.8 mm deep-drawn steel sheet with a thermosetting powder coating finish. Shelves made from 0.8 mm, frames and pull-out items from 1.3 mm sheet with powder coating finish.</p>	1
31	<p><u>White Board and marker</u></p> <p>Sturdy, stylish frame fits any environment Adjusts to stand on floor or tabletop Easy-to-clean dry erase surface Ideal for presenting and writing Dimensions: 29W x 41H inches</p> <p>Marker colour- .At least 6 pack set of colours,dry erase markers feature bold and vibrant color inks that dry quickly, erase easily and work great on any dry erase board surface. The markers also feature long-lasting, non-toxic, low odor ink</p>	1
32	<p><u>Computer system (Dell With Graphics card)</u></p> <p>With 4th/6th Gen. i3/i5 processor, 4GB/8GB DDR 3 RAM memory, 500GB/1TB Internal hard drive and 2/4 GB internal graphics card along with suitable 19" monitor, compatible mother board, UPS, CPU cabinet of suitable make with good cooling system, Internal DVD player, mouse and keyboard.</p>	1
33	<p><u>Measurement tape,50 mtr and 100 mtr</u></p> <p>Design allows easy cleaning of tape. Long winder with easy grip knob facilitates quick rewinding. Protruding marker at bottom of the case allows easy measurement of land. Professional quality with 13 MM Tape Width, tougher, more flexible, and safer than steel, and will not rust or corrode.</p>	2
34	<p><u>Studio pens, pencils & Drawing Supplies</u></p> <p>French curve sets -Individual curves and sets. Choice of 12 different</p>	10

	<p>shapes. Transparent Acrylic</p> <p>Technical pen 0.1- 0.8 Available individually with stainless steel drawing points in dual-designated line widths, refillable see through ink cartridge that can be used on drafting film, vellum or tracing paper.</p> <p>2mm lead holders and leads-Draftsman series professional quality lead holder.</p>	
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MODEL MAKING STUDIO

Sl no	Name & Specification of articles/materials/machineries/services	Quantity
1	<p><u>Cutting/Model Making Base</u></p> <p>Laminated shelf board, Natural Pine. 800mm X 200 mm X 17 mm</p>	60
2	<p><u>Metal Straight Edge, 18" with cork backing</u></p> <p>Helix Aluminum Straight edge, 36 inch long Metal</p>	60
3	<p><u>Razor Saw & Miter Box (Excel or Xacto)</u></p> <p>Any brand locally available razor saw used for metal cutting and wood cutting.</p>	60
4	<p><u>Xacto #1 knife</u></p> <p>Xacto X3201 No. #1 Precision Knife Delicate, precision cutting, trimming, and stripping. Cuts paper, Plastic, balsa, thin metal, cloth, film and acetate.</p>	60
5	<p><u>Xacto #11 blade (5 pack minimum, 100 pack recommended)</u></p> <p>X-Acto X211 No. 11 Blade Extremely sharp point for fine angle cutting and stripping. 3.8 X 0.6 X 0.3 cm</p>	60
6	<p><u>Snap-off Knife (Olfa or Xacto)</u></p> <p>Stanley 25 mm Snap off knife with dynagrip.</p>	60
7	<p><u>Cutting Mat 18x24</u></p> <p>TRANSLUCENT PROTECTIVE CUTTING MATS Green/Black - 28" x 24" cutting mat</p>	60
8	<p><u>Scissors- 8" Stainless Steel</u></p> <p>Multifunction Stainless steel Scissor. Super sharp edge for smooth cutting. High quality stainless steel and plastic scissor for long lasting.</p>	60
9	<p><u>Rubber Cement</u></p> <p>Elmer's Craft Bond Rubber Cement</p> <ul style="list-style-type: none"> • Wont Wrinkle When Dry • Acid Free • Photo Safe • Dries Clear 	60
10	<p><u>White Glue</u></p> <p>Elmer's Glue-All Multi-Purpose Glue</p>	60

	<ul style="list-style-type: none"> • Pourable multi-purpose glue • Dries fast, is safe and non-toxic • Perfect for household repairs, craft and school projects 	
11	<p><u>Needle Nose Pliers</u></p> <p>Stanley 8409623 127mm-5 Needle Nose Miniature Pier</p> <ul style="list-style-type: none"> • Features - Small Sized for Precision work • Nickel chromed for durability • Double dipped handles for comfort 	60
12	<p><u>Screw Drivers, Phillips & Flathead</u></p> <ul style="list-style-type: none"> • Skil 30 piece Ratcheting Screw Driver Set (Red and Black) • Soft grip comfort handle • Chrome plated precision bits • Material: Stainless steel 	60
13	<p><u>Hot Glue Gun & Glue Sticks</u></p> <p>40 Watt Hot Melt Glue Gun + ELPH 11 mm Glue Stick 4 Pieces</p> <ul style="list-style-type: none"> • Glue stick size: 11mm x 200mm 	60
14	<p><u>25' Tape Measure</u></p> <p>Plastic Round Case Rotatable Knob Retractable Tape Measure 10M</p> <p>Measure Length : 10 Meter, 33 Ft Tape Width : 1. 2 cm/0</p>	60
15	<p><u>Cordless Drill (recommended Winter quarter)</u></p> <p>Black & Decker CD121K50 12-Volt Cordless Drill/Driver with Keyless Chuck and 50 Accessories Kit</p> <ul style="list-style-type: none"> • Keyless Chuck for quick and easy bit changes • Spring Loaded Slide Pack Battery System - For quick and easy battery change and a more secure fit • Variable speed and control with 17 position torque control for a wide range of applications • Reverse Switch for Added Versatility 	2
16	<p><u>Glass for cutting</u></p> <p>Catskill Craftsmen 16-Inch Tempered Glass Cutting Board with Padded Feet</p> <p>Dimensions: 18-Inches Wide by 24-Inches Deep by 1/4-Inches Thick</p>	60
17	<p><u>Sand Paper</u></p> <p>Any brand Sand paper used for carpentry and wood work</p>	20
18	<p><u>Triangular Scale- Architectural 12"</u></p> <p>Ruler & Measuring Device Material-Plastic. Three sides with six different scales feature die-engraved graduations. Color-coded grooves with inking edge</p>	10
19	<p><u>T-Scale</u></p> <p>Made of selected hardwood to offer strength and rigidity to the blade. Durable, see through acrylic edges are elevated to prevent smudging.</p>	10

20	<u>Triangle Clear 30/60 6" w/ inking edge</u> A clear acrylic triangle (10"-30/60 degrees) with 16ths of an inch graduations on two edges. Raised inking edge prevents smudging. Cut-out finger lifts.	10
21	<u>Triangle Clear 45/90 6" w/ inking edge</u> A clear acrylic triangle (8"-45/90 degrees) with 16ths of an inch graduations on two edges. Raised inking edge prevents smudging. Cut-out finger lifts.	10
22	<u>Erasing Shield</u> Fine gauge stainless steel. Assures clean accurate erasures.	10
23	<u>Circle Template Master Inking</u> Circle diameter sizes from 1/16" to 1 3/8", with 1/16" to 11/32" in 1/64" increments, 3/8" to 3/4" in 1/32" increments, 13/16" to 1" in 1/16" increments and 1 1/8" to 1 3/8" in 1/8" increments. Size: 7 5/16" X 3 3/8".	20
24	<u>Metal Pencil Sharpener</u> Staedtler 20BK Double Hole Metal Sharpener for Pencil and Colored Pencil	10
25	<u>Compass and Bow Set</u> Compass, leads. Nickel plated finish	10
26	<u>Eraser Kneaded Small</u> Fine gauge stainless steel. Assures clean accurate erasures.	10
27	<u>White Vinyl Eraser</u> Soft white erasers for removing graphite marks cleanly from paper, vellum and drafting film. Includes eraser sleeve for easy handling.	20
28	<u>Drafting Dots or Drafting Tape</u> Drafting Dots- Contains 500 drafting dots, each 7/8" diameter. In convenient pull-tab dispenser. Drafting Tape-Smooth low-tack surface, allows tee squares and triangles to glide over without hanging up. Removes cleanly.	10
29	<u>Drafting Brush</u> Horsehair bristles with strong plastic handle.	10
30	<u>18"x24" Bristol Board, 15+ sheets pad, vellum finish</u> Excellent for pencil, charcoal, pastel, airbrush and light washes. Each pad contains 15 sheets.	10
31	<u>24" Drafting vellum, 10 yard roll, 1000H, plain</u> Premium 100% rag content transparent drafting vellum 24" .For making drawings that are reproducible on a whiteprint machine. This remarkable paper retains its strength, stability, transparency, and printing qualities under exposure to heat, light, and atmosphere. It will not become yellow, brittle, or opaque with age.	20

32	<p><u>Tracing Paper, 12” roll, white</u> Canson Satin 0.75x10 m Translucent 70 GSM Tracing Paper Roll</p>	20
33	<p><u>Display Table</u> Display table with classical mahogany surface and leg. 36”L X 24”W X 30” H</p>	12
34	<p><u>Measurement tape,50 mtr and 100 mtr</u> Design allows easy cleaning of tape. Long winder with easy grip knob facilitates quick rewinding. Protruding marker at bottom of the case allows easy measurement of land. Professional quality with 13 MM Tape Width, tougher, more flexible, and safer than steel, and will not rust or corrode.</p>	2
35	<p><u>Equipment rack</u> Metal cabinets of in height 1800 mm and widths 1200 mm. With a wooden top surface. As standard they are supplied with adjustable feet for height levelling. Internal shelves – fixed and pull-out frames. All metal parts for the cabinets should be connected with bolts, clips and screws ensuring sufficient rigidity but also allowing the product to be disassembled for transportation or the replacement of any damages parts. The shelves should have a load capacity of 45kg evenly distributed. The carcass of the metal cabinet’s should be made from 1.3 mm deep-drawn steel sheet with a thermosetting powder coating finish. Shelves made from 1.3 mm sheet with powder coating finish.</p>	2
36	<p><u>Shelves with 60 partitions</u> Metal cabinets of in height 1080 mm and widths 800 mm. With a wooden top surface. As standard they are supplied with adjustable feet for height levelling. Internal shelves – fixed and pull-out frames, and pull-out drawers. All metal parts for the cabinets should be connected with bolts, clips and screws ensuring sufficient rigidity but also allowing the product to be disassembled for transportation or the replacement of any damages parts. The shelves should have a load capacity of 30kg evenly distributed. The carcass of the metal cabinet’s should be made from 0.8 mm deep-drawn steel sheet with a thermosetting powder coating finish. Shelves made from 0.8 mm, frames and pull-out items from 1.3 mm sheet with powder coating finish.</p>	1
37	<p><u>White Board and marker</u> Sturdy, stylish frame fits any environment Adjusts to stand on floor or tabletop Easy-to-clean dry erase surface Ideal for presenting and writing. Dimensions: 29W x 41H inches</p> <p>Marker colour- .At least 6 pack set of colours,dry erase markers feature bold and vibrant color inks that dry quickly, erase easily and work great on any dry erase board surface. The markers also feature long-lasting, non-toxic, low odor ink</p>	2

38	<p><u>Computer system(Dell With Graphics card)</u> With 4th/6th Gen. i3/i5 processor, 4GB/8GB DDR 3 RAM memory, 500GB/1TB Internal hard drive and 2/4 GB internal graphics card along with suitable 19" monitor, compatible mother board, UPS, CPU cabinet of suitable make with good cooling system, Internal DVD player, mouse and keyboard.</p>	1
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BUILDING CONSTRUCTION STUDIO

SI No.	Name & Specification of articles/materials/machineries/services	Quantity
1	<u>Studio Drafting Tables</u>	60
2	<u>Studio stools</u>	60
3	<p><u>T-Scale</u> Made of selected hardwood to offer strength and rigidity to the blade. Durable, see through acrylic edges are elevated to prevent smudging.</p>	10
4	<p><u>Conversion Scale</u> Device Material-Plastic or card board. Two sides with four different scales and different unit. Packet containing 5-6 scale which is useful for conversion of Unit.</p>	10
5	<p><u>Triangular Scale- Architectural 12"</u> Ruler & Measuring Device Material-Plastic. Three sides with six different scales feature die-engraved graduations. Color-coded grooves with inking edge</p>	10
6	<p><u>Triangle Clear 30/60 6" w/ inking edge</u> A clear acrylic triangle (10"-30/60 degrees) with 16ths of an inch graduations on two edges. Raised inking edge prevents smudging. Cut-out finger lifts.</p>	10
7	<p><u>Triangle Clear 45/90 6" w/ inking edge</u> Made of heavy duty 1/8" thick acrylic plastic, with beveled edges, die-engraved graduations, and a white protractor arc. Double row of graduations on protractor arc shows complementary angle at any setting. Angles from 0 to 90 degrees. Built-in magnifier allows exact settings.</p>	10
8	<p><u>Erasing Shield</u> (Fine gauge stainless steel; assures clean accurate erasures)</p>	20
9	<p><u>Circle Template Master Inking</u> (Contains 40 circle cutouts ranging from 3/64" to 2" with printed centering lines.)</p>	10
10	<p><u>Metal Pencil Sharpener</u> (Staedtler or similar)</p>	10
11	<p><u>Compass and Bow Set</u> (set contains a 6 1/2" compass, a 4 3/4" pencilbow in a hoop spring tension design, a 6"</p>	10

	divider, beam bar, pen adaptor)	
12	<u>Eraser Kneaded Small</u> Fine gauge stainless steel. Assures clean accurate erasures.	20
13	<u>White Vinyl Eraser</u> staedtler soft white erasers for removing graphite marks cleanly from paper, vellum and drafting film; includes eraser sleeve for easy handling	20
14	<u>Drafting Dots or Drafting Tape</u> (each 7/8" diameter in convenient dispenser; Smooth low-tack surface, allows tee squares and triangles to glide over without hanging up, removes cleanly)	10
15	<u>Drafting Brush</u> Horsehair bristles with strong plastic handle.	20
16	<u>18"x24" Bristol Board, 15+ sheets pad, vellum finish</u> Excellent for pencil, charcoal, pastel, airbrush and light washes. Each pad contains 15 sheets.	20
17	<u>24" Drafting vellum, 10 yard roll, 1000H, plain Tracing Paper</u> Premium 100% rag content transparent drafting vellum 24" .For making drawings that are reproducible on a whiteprint machine. This remarkable paper retains its strength, stability, transparency, and printing qualities under exposure to heat, light, and atmosphere. It will not become yellow, brittle, or opaque with age.	10
18	<u>Movable Display Panels</u> Panel size : 12'-10" x 6'-0" excluding frame if any. Freestanding portable and foldable display panels can be arranged as a straight, curved angled, l-shaped or u-shaped. ability to absorb sound. The honeycomb core is surrounded by dual layers of fiberglass insulation and covered fabric, vinyl, or laminate material. The fabric surface accepts tacks, staples, or pins to hang posters or artwork. <ul style="list-style-type: none"> • Acoustical Fire Rated Tackable Panels • Full Length Hinges • Self Leveling casters • Position Control Hinges • Dual Interior Casters • Locking Corner Casters Storage Latch 	10
19	<u>Fixed Display Panels</u> Panel size : 18" x 25" of 4 rows. The fabric surface accepts tacks, staples, or pins to hang posters or artwork.	8

20	<p><u>Overhead Projector and projector screen</u></p> <ul style="list-style-type: none"> • Brighter Colors and reliable performance: 3LCD, 3-chip technology • One measurement of brightness is not enough: look for both high color brightness and high white brightness 3700 lumens White Brightness: 3700 lumens • Larger-than-life, widescreen images: native high-definition WXGA (1280 x 800) resolution and 16:10 aspect ratio, 1.6 x optical zoom: expand your projector placement or installation flexibility; get sharp, clear images with no digital distortion • Full HDMI digital and network connectivity including RJ-45 and optional wireless: allows remote network projector management, and presentations over the network (content over IP) • Powerful 16 W speaker and built-in microphone input: engage the entire classroom Versatile connectivity for the classroom: HDMI, USB, audio out, monitor out, computer / VGA inputs and RS-232c <p>Expanded USB functionality: partner your projector directly with the Epson DC-06 document camera, or deliver PC-free slideshows using USB</p>	1
21	<p><u>Laser Light pointers</u></p> <p>Max 5mw.Output wavelength: 532 nm. Output mode: dot Press button for ON/OFF Battery operated with smooth operation.</p>	2
22	<p><u>Display Table</u></p> <p>Display table with classical mahogany surface and leg. 36”L X 24”W X 30” H</p>	12
23	<p><u>Computer system</u></p> <p>With 4th/6th Gen. i3/i5 processor, 4GB/8GB DDR 3 RAM memory, 500GB/1TB Internal hard drive and 2/4 GB internal graphics card along with suitable 19” monitor, compatible mother board, UPS, CPU cabinet of suitable make with good cooling system, Internal DVD player, mouse and keyboard.</p>	1
24	<p><u>Measurement tape,50 mtr and 100 mtr</u></p> <p>Design allows easy cleaning of tape. Long winder with easy grip knob facilitates quick rewinding. Protruding marker at bottom of the case allows easy measurement of land. Professional quality with 13 MM Tape Width, tougher, more flexible, and safer than steel, and will not rust or corrode.</p>	1
25	<p><u>Equipment rack</u></p> <p>Metal cabinets of in height 1800 mm and widths 1200 mm. With a wooden top surface. As standard they are supplied with adjustable feet for height levelling. Internal shelves – fixed and pull-out frames. All metal parts for the cabinets should be connected with bolts, clips and screws ensuring sufficient rigidity but also allowing the product to be disassembled for transportation or the replacement of any damages</p>	2

	parts. The shelves should have a load capacity of 45kg evenly distributed. The carcass of the metal cabinet's should be made from 1.3 mm deep-drawn steel sheet with a thermosetting powder coating finish. Shelves made from 1.3 mm sheet with powder coating finish.	
26	<u>Shelves with 60 partitions</u> Metal cabinets of in height 1080 mm and widths 800 mm. With a wooden top surface. As standard they are supplied with adjustable feet for height levelling. Internal shelves – fixed and pull-out frames, and pull-out drawers. All metal parts for the cabinets should be connected with bolts, clips and screws ensuring sufficient rigidity but also allowing the product to be disassembled for transportation or the replacement of any damages parts. The shelves should have a load capacity of 30kg evenly distributed. The carcass of the metal cabinet's should be made from 0.8 mm deep-drawn steel sheet with a thermosetting powder coating finish. Shelves made from 0.8 mm, frames and pull-out items from 1.3 mm sheet with powder coating finish.	1
27	<u>White Board and marker</u> Sturdy, stylish frame fits any environment Adjusts to stand on floor or tabletop Easy-to-clean dry erase surface Ideal for presenting and writing Dimensions: 29W x 41H inches marker colour- .Atleast 6 pack set of colours,dry erase markers feature bold and vibrant color inks that dry quickly, erase easily and work great on any dry erase board surface. The markers also feature long-lasting, non-toxic, low odor ink	1
CAD LAB		
SI no	Name & Specification of articles/materials/machineries/services	Quantity
1	<u>Furnished Lab furniture</u> (computer table- 30" high x 24" wide, chair- 21"width x 21"deep)	60
2	<u>Overhead Projector and Projector Screen</u> <ul style="list-style-type: none"> • Brighter Colors and reliable performance: 3LCD, 3-chip technology • One measurement of brightness is not enough: look for both high color brightness and high white brightness 3700 lumens White Brightness: 3700 lumens • Larger-than-life, widescreen images: native high-definition WXGA (1280 x 800) resolution and 16:10 aspect ratio, 1.6 x optical zoom: expand your projector placement or installation flexibility; get sharp, clear images with no digital distortion • Full HDMI digital and network connectivity including RJ-45 and optional wireless: allows remote network projector management, and 	1

	<p>presentations over the network (content over IP)</p> <ul style="list-style-type: none"> Powerful 16 W speaker and built-in microphone input: engage the entire classroom <p>Versatile connectivity for the classroom: HDMI, USB, audio out, monitor out, computer / VGA inputs and RS-232c</p> <p>Expanded USB functionality: partner your projector directly with the Epson DC-06 document camera, or deliver PC-free slideshows using USB flash drives (supports multiple image file formats- JPEG, PNG, GIF and BMP)</p>	
3	<p><u>Laser Light pointers</u></p> <p>Max 5mw.Output wavelength: 532 nm. Output mode: dot Press button for ON/OFF</p> <p>Battery operated with smooth operation.</p>	2
4	<p><u>Equipment rack</u></p> <p>Metal cabinets of in height 1800 mm and widths 1200 mm. With a wooden top surface. As standard they are supplied with adjustable feet for height levelling. Internal shelves – fixed and pull-out frames. All metal parts for the cabinets should be connected with bolts, clips and screws ensuring sufficient rigidity but also allowing the product to be disassembled for transportation or the replacement of any damages parts. The shelves should have a load capacity of 45kg evenly distributed. The carcass of the metal cabinet’s should be made from 1.3 mm deep-drawn steel sheet with a thermosetting powder coating finish. Shelves made from 1.3 mm sheet with powder coating finish.</p>	1
5	<p><u>Shelves with 60 partitions</u></p> <p>Metal cabinets of in height 1080 mm and widths 800 mm. With a wooden top surface. As standard they are supplied with adjustable feet for height levelling. Internal shelves – fixed and pull-out frames, and pull-out drawers. All metal parts for the cabinets should be connected with bolts, clips and screws ensuring sufficient rigidity but also allowing the product to be disassembled for transportation or the replacement of any damages parts. The shelves should have a load capacity of 30kg evenly distributed. The carcass of the metal cabinet’s should be made from 0.8 mm deep-drawn steel sheet with a thermosetting powder coating finish. Shelves made from 0.8 mm, frames and pull-out items from 1.3 mm sheet with powder coating finish.</p>	1
6	<p><u>White Board</u></p> <p>Sturdy, stylish frame fits any environment</p> <p>Adjusts to stand on floor or tabletop</p> <p>Easy-to-clean dry erase surface</p> <p>Ideal for presenting and writing</p> <p>Dimensions: 29W x 41H inches</p> <p>Marker colour- .At least 6 pack set of colours,dry erase markers feature bold and</p>	1

	vibrant color inks that dry quickly, erase easily and work great on any dry erase board surface. The markers also feature long-lasting, non-toxic, low odor ink	
ARCHITECTURE AND DESIGN MUSEUM		
SI no	Name & Specification of articles/materials/machineries/services	Quantity
1	<u>Display tables</u> Display table with classical mahogany surface and leg. 36”L X 24”W X 30” H	10
2	<u>Display case</u> Display Case Acrylic with solid brass edge frame and with polished and waxed wooden base. 24”L X 18”W	30
SEMINAR HALL		
SI no	Name & Specification of articles/materials/machineries/services	Quantity
1	<u>Conference Table and chair</u> 16 seaters conference table made up off good quality wood or Steel designed in contemporary furniture style.	1
2	<u>White Board and marker</u> Sturdy, stylish frame fits any environment Adjusts to stand on floor or tabletop Easy-to-clean dry erase surface Ideal for presenting and writing Dimensions: 29W x 41H inches Marker colour- .At least 6 pack set of colours,dry erase markers feature bold and vibrant color inks that dry quickly, erase easily and work great on any dry erase board surface. The markers also feature long-lasting, non-toxic, low odor ink	1
3	<u>Overhead Projector and Projector Screen</u> <ul style="list-style-type: none"> • Brighter Colors and reliable performance: 3LCD, 3-chip technology • One measurement of brightness is not enough: look for both high color brightness and high white brightness 3700 lumens White Brightness: 3700 lumens • Larger-than-life, widescreen images: native high-definition WXGA (1280 x 800) resolution and 16:10 aspect ratio, 1.6 x optical zoom: expand your projector placement or installation flexibility; get sharp, clear images with no digital distortion • Full HDMI digital and network connectivity including RJ-45 and optional wireless: allows remote network projector management, and presentations over the network (content over IP) • Powerful 16 W speaker and built-in microphone input: engage the entire classroom Versatile connectivity for the classroom: HDMI, USB, audio out, monitor out, computer / VGA inputs and RS-232c • Expanded USB functionality: partner your projector directly with the Epson 	1

	DC-06 document camera, or deliver PC-free slideshows using USB flash drives (supports multiple image file formats- JPEG, PNG, GIF and BMP)	
4	<u>Laser Light pointers</u> Max 5mw.Output wavelength: 532 nm. Output mode: dot Press button for ON/OFF Battery operated with smooth operation.	2
5	<u>Almirah</u> 78" x 42" x 19" wooden or steel office almirah	1