

**Ref.No:RGUKT/Proc/Mech.Engg/MTRL/T11/E-2013, dated: 07.12.2013**

**BID DOCUMENT**

**Open Competitive Bid (OCB)**

**(e-Procurement)**

**For**

**Supply and Installation of Equipments  
To the Metrology Lab of Mechanical Engineering  
Department  
at the three campuses of  
Rajiv Gandhi University of Knowledge Technologies**

**Proprietary & Confidential**



**RAJIV GANDHI UNIVERSITY OF KNOWLEDGE  
TECHNOLOGIES**

**Ground Floor, Vindhya C4 Building,**

**IIIT-H Campus, Gachibowli**

**HYDERABAD- 500 032**

**Phone: 040-23001830**

**Proprietary & Confidential**

**No part of this document can be reproduced in any form or by any means, disclosed or distributed to any person without the prior consent of RGUKT except to the extent required for submitting bid and no more.**

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**News paper advertisement**

**E-Procurement Tender Notice**

**RAJIV GANDHI UNIVERSITY OF KNOWLEDGE TECHNOLOGIES**



**Ground Floor, Vindhya C4 building, IIIT- H Campus,  
Gachibowli, HYDERABAD- 500 032**

**Phone: 040-23001830**

Online tenders are hereby invited from reputed **manufacturer/ authorized representatives** for supply and installation of equipments for the following labs of Mechanical Engineering Department to the three RGUKT campuses located at Basar in Adilabad dist, Nuzvid in Krishna dist and R.K. Valley in YSR Kadapa dist, in AP.

- i. Metrology Lab
- ii. Manufacturing Process Lab
- iii. Applied Thermodynamics Lab I & II
- iv. Robotic Automation Lab

**1.** Tenderers can download the tender schedules from e-procurement Platform [www.eprocurement.gov.in](http://www.eprocurement.gov.in) from 07.12.2013 onwards. Tenderers need to submit the bids separately for each lab online by uploading all the required documents through [www.eprocurement.gov.in](http://www.eprocurement.gov.in). **The last date for submission of tenders online is 26.12.2013 up to 05:00PM**

For further details regarding Tender Notification & Specifications please visit website: [www.eprocurement.gov.in](http://www.eprocurement.gov.in) and [www.rgukt.in](http://www.rgukt.in)

**Date: 07.12.2013**

**Sd/-  
Registrar**

**Time schedule of Tender related events**  
**(Metrology Lab)**

Bid calling date	<b>07.12.2013</b>
Bid Document fee	<b>Rs. 1,000/- (By way of DD from any Nationalized Bank)</b>
Bid Documents Downloading Start date	<b>07.12.2013</b>
Bid Document Downloading End Date	<b>25.12.2013 till 04:00PM</b>
Pre Bid Meeting	<b>16.12.2013 at 03:00PM</b>
Last date for uploading documents online	<b>26.12.2013 at 05:00 PM</b>
Last date for Submission of documents (hard copies)	<b>27.12.2013 at 04.00 PM</b>
Technical Bid opening date/time	<b>28.12.2013 at 02:00 PM</b>
Price Bid opening date/time	<b>30.12.2013 02.00 PM onwards</b>
Contact person	Registrar, RGUKT
Reference No.	RGUKT/Proc/Mech.Engg/MTRL/T11/E-2013, dated <b>07.12.2013</b>

**Note:** The dates stipulated above are firm and under no circumstances they will be relaxed unless otherwise extended by an official notification or happen to be Public Holidays. For the assistance in the online submission issues, the bidder may contact the help desk of M/s. Vayam Technologies (e-procurement) at their e-mail address: [helpdesk.eproc@vayamtech.com](mailto:helpdesk.eproc@vayamtech.com)

## SECTION - I

### INVITATION FOR BIDS

**Reference: No:** RGUKT/Proc/Mech.Engg/MTRL/T11/E-2013, dated **07.12.2013**

**Subject:** Tender for supply and installation of equipments to the Metrology Lab of Mechanical Engineering Department to the three campuses of RGUKT located at Basara (Adilabad Dist), Nuzvid (Krishna Dist) and RK Valley (Kadapa Dist) – Reg..

Sir/Madam,

- 1) Bids are invited on the e-procurement platform from the eligible manufacturers or their authorized distributors for supply and installation of equipments to the Metrology Lab of Mechanical Engineering Department to three campuses of RGUKT located at Basara (Adilabad Dist), Nuzvid (Krishna Dist) and R K Valley ( YSR Kadapa Dist). The details of bidding conditions and other terms can be downloaded from the electronic procurement platform of Government of Andhra Pradesh i.e. [www.eprocurement.gov.in](http://www.eprocurement.gov.in)
- 2) Bidders would be required to register on the e-Procurement market place “[www.eprocurement.gov.in](http://www.eprocurement.gov.in)” and submit their bids online. On registration with the e-Procurement market place they will be provided with a user id and password by the system through which they can submit their bids online.
- 3) The bidders need to scan and upload the required documents as per the Check list given. Such uploaded documents pertaining to technical bid need to be attached to the tender while submitting the bids on line. The attested copies of all these uploaded documents of technical bid, signed undertaking of tenderer should be submitted off line to Registrar, RGUKT, Hyderabad by 04.00 PM of 27.12.2013 The RGUKT will consider only the bids submitted through on-line copies of the paper based bids.
- 4)
  - a) The participating bidder/s will have to pay tender processing fee (non-refundable) for the amounts specified in the Schedule of Requirements, in the form of Demand Draft drawn from any Nationalized Bank, in favour of Registrar, RGUKT, Hyderabad. Payable at Hyderabad.
  - b) Further the bidder/shall furnish, as part of it bid, the Bid security for the amounts specified in the Section-II of Tender Document be paid in the form of an unconditional and irrevocable Bank Guarantee issued by any Nationalized bank in the standard format as shown in the Tender Schedule or a crossed Demand Draft drawn in favour of Registrar, RGUKT, Hyderabad along with bids.

- c) Further all the participating bidders have to electronically pay a non-refundable transaction fee to M/s. APTS, the service provider through "Payment Gateway Service on E-Procurement platform", as per the Government Orders placed on the e-procurement website.
- d) RGUKT will not accept the tenders from blacklisted companies or undependable Suppliers whose past performance with RGUKT was found poor due to delayed and/or erratic supplies and those with frequent product failures, and also against whom there have been adverse reports of Sub-Standard Quality / Poor Service of Equipment supplies, as defined in the other parts of the Bidding document.

For any clarification and further details on the above tender please contact Telephone No: 040-23001830 or Contact in Person during office hours.

## SECTION-II

### STATEMENT OF IMPORTANT LIMITS/VALUES RELATED TO BID

Item	Description
EMD	<b>Rs. 1,00,000/- by way of Demand Draft from any Nationalized Bank or by way of irrevocable bank guarantee from any Nationalized Bank only. DD/BG from other than Nationalized Banks will not be accepted.</b>
Bid Validity Period	360 days from the date of opening of Financial bid
EMD Validity Period	90 days from the date of opening of Financial bid
Warranty Period	3 years Comprehensive Warranty
Variation in quantities/number of residents	<b>± 40 %</b>
Period for furnishing performance Security Deposit	Within 15 days from date of receipt of award
Delivery Schedule	Bidder shall deliver the goods in one single lot within 90 days from the date of award of the contract.
Performance security value	10% of contract value by way of irrevocable Bank Guarantee in case of imported equipment.
Performance security validity period	38 months from award of contract ( including 30 days of installation period)
Period for signing the order Acceptance	Within 15 days from date of receipt of notification of award



<b>PAYMENT TERMS</b>	
On delivery at user site	<p>Payment for goods and services shall be made in Indian rupees or equivalent value in foreign currency.</p> <ol style="list-style-type: none"> <li>1. 80% of payment will be paid after installation, commissioning</li> <li>2. Balance 20% will be paid after 3 months after obtaining the satisfactory certificate from the Director, RGUKT IITs</li> <li>3. In case of equipment from foreign country LC will be opened for 100% and 90% of payment will be paid on delivery &amp; submission of documents and remaining 10% will be paid after installation and commission.</li> </ol>
Maximum Liquidated Damages for late deliveries	<p>For delays:- If the supplier fails to deliver any (or) all of the goods or perform the services within the time period specified in the contract the purchaser shall without prejudice to its other remedies under the contract deduct from the contract price as liquidated damages a sum equivalent to 0.25% of the contract value per day until actual delivery or performance up to a maximum deduction of 10% of the delayed goods or services contract price. Once the maximum deduction is reached, the purchaser may consider the termination of the contract duly forfeiting the performance security etc.,</p>
Placing work order	<ul style="list-style-type: none"> <li>➤ RGUKT will place order on identified successful bidder.</li> <li>➤ All the payments shall be made directly by RGUKT to the successful bidder as per the tender terms and conditions.</li> <li>➤ If decided RGUKT can split the order basing on the quoted price and service track record. The decision of RGUKT is final in this regard.</li> </ul>
Transaction Fee	<p><b>Transaction fee:</b> All the participating bidders who submit the bids have to pay an amount @ 0.03% of their final bid value online with a cap of Rs. 10,000/- for quoted value of purchase up to Rs.50 crores</p>

	and Rs.25000/- if the purchase value is above Rs.50 crores & service tax applicable @ 12.36% as levied by Govt. of India on transaction fee through online in favour of MD, APTS. The amount payable to APTS is non refundable.
Transaction Fee Payable to	The Managing Director, A.P. Technology Services Ltd., Hyderabad
Bid submission	<b>Online.</b> Bidders are requested to submit the bids after issue of minutes of the pre bid meeting duly considering the changes made if any, during the pre bid meeting. Bidders are totally responsible for incorporating/complying the changes/amendments issued if any during pre bid meeting in their bid.
Procedure for Bid Submission	Bids shall be submitted online on <a href="http://www.eprocurement.gov.in">www.eprocurement.gov.in</a> platform  <ol style="list-style-type: none"> <li>1. The participating bidders in the tender should register themselves free of cost on e-procurement platform in the website <a href="http://www.eprocurement.gov.in">www.eprocurement.gov.in</a></li> <li>2. Bidders can log-in to e-procurement platform in Secure mode only by signing with the Digital certificates.</li> <li>3. The bidders who are desirous of participating in e-procurement shall submit their technical bids, price bids as per the standard formats available at the e-market place.</li> <li>4. The bidders should scan and upload the respective documents in Pre-Qualification and Technical bid documentation including EMD. The bidders shall sign on all the statements, documents certificates uploaded by them, owning responsibility for their correctness/authenticity.</li> <li>5. The hard copies of all the uploaded Technical / Price bid, to be attested by a Gazetted Officer or properly notarized.</li> </ol>

	6. The rates should be quoted in online only
Other conditions	<p>1. After uploading the documents, the copies of the uploaded technical bid documents, for evaluation and original Demand Drafts in respect of Bid Security and Bid document fee are to be submitted by the bidder to the “The Registrar, RGUKT, Vindhya-C4 Building, IIIT Campus, Gachibowli, Hyderabad-32”, by <b>04:00PM on 27.12.2013.</b></p> <p>Failure to furnish any of the uploaded documents, certificates, will entitled in rejection of the bid. The RGUKT shall not hold any risk on account of postal delay. Similarly, if any of the certificates, documents, etc., furnished by the Bidder are found to be false / fabricated / bogus, the bidder will be disqualified, blacklisted, action will be initiated as deemed fit and the Bid Security will be forfeited.</p> <p>2. RGUKT will not hold any risk and responsibility regulating non-visibility of the scanned and uploaded documents.</p> <p>3. The Documents that are uploaded online on e-market place will only be considered for Bid Evaluation.</p> <p>4. Important Notice to Contractors, Suppliers and Department users (i) In the endeavor to bring total automation of processes in e-Procurement, the Govt. has issued orders vide G.O.Ms.No. 13 dated. 05.07.2006 permitting integration of electronic Payment Gateway of ICICI/HDFC/Axis Banks with e-Procurement platform, which provides a facility to participating suppliers / contractors to electronically pay the transaction fee online using their credit cards.</p>

**SECTION-III**

**TENDER SCHEDULE**

## **1. PREAMBLE:**

The Registrar, Rajiv Gandhi University of Knowledge Technologies (RGUKT), Hyderabad invites tenders for supply and installation of equipments of Metrology Lab of Mechanical Engineering Department to its three campuses located at Basar (Adilabad District), Nuzvid (Krishna District) and RK Valley (YSR Kadapa District), through e-procurement platform.

## **2. SCOPE OF WORK**

Supply and installation of equipments of Metrology Lab of Mechanical Engineering Department equipments to the three campuses of RGUKT located at Basar (Adilabad Dist), Nuzvid (Krishna Dist) and R K Valley (YSR Dist).

## **3. EARNEST MONEY DEPOSIT / SECURITY DEPOSIT:**

3.1 The tender should be accompanied by Earnest Money Deposit (EMD) for **Rs. 1,00,000/-** by way of crossed Demand Draft/ Bank Guarantee issued/ drawn from any Nationalized Bank in favor of "Registrar, RGUKT" payable at Hyderabad. Tenders received without EMD will be summarily rejected.

3.2 Forfeiture of the EMD will be made in the following events:

3.2.1 Withdrawal of bid during the bid validity period.

3.2.2 In case of successful bidder, if the bidder fails to sign the contract in time or fails to submit performance guarantee.

## **4. PERFORMANCE SECURITY:**

4.1 The successful bidder has to deposit 5% for indigenous equipments and 10% in case of imported equipment (foreign origin) of the total contract value as performance security deposit in the form of Bank Guarantee from any Nationalized Bank.

4.2 The Performance Security Deposit / Bank Guarantee of successful bidder will be retained for the period of contract in force and will be returned after expiry of contract, after deducting the outstanding liabilities if any.

4.3 The Performance Security Deposit / Bank Guarantee shall not carry any interest.

## 5 ELIGIBILITY CRITERIA

- 5.1 This bid is open to all firms within India who are eligible to do business under relevant Indian laws as in force at the time of bidding, subject to meeting the pre-qualification criterion. They should provide list of customers of previous supply of similar/ same items to IITs, NIT's or Central Universities or any Academic Institute of National repute with contact details. Copies of orders received from the reputed firms on bidding firm need to be submitted.
- 5.2 The bidder should have servicing facility or work shop with in India so the provision of service is possible at a short notice and without incurrance of delay.

5.3 The Bidding firm should have minimum turnover as follows:

<b>Bid Value offered against the tender call</b>	<b>Last financial year's business turnover</b>
Up to 25 lakhs	50 lakhs
More than 25 lakhs	1 crore

The bidder should have adequate experience in supply of such materials as required in the tender. Bidder should furnish proof of having supplied such materials as required in the tender in the previous financial year ending 31<sup>st</sup> March 2012 as mentioned above. A certificate indicating the Turn Over value details (in Rupees) of subject material, during the financial year 2012-13 (for the year ending 31.03.2013) from a Firm of Chartered Accountants must be enclosed (in original) as a proof for Turnover. The Turn Over of the subject Material must be separately indicated in the certificate.

- 5.4 The bidder should furnish satisfactory performance certificate from the parties concerned to whom bulk supplies were effected, in case such supplies were made. RGUKT may contact any such parties to elicit details.
- 5.5 Bidder should be registered under VAT Act/CST Act with the relevant State Sales Tax Authorities. He should furnish along with the bid document, the relevant VAT/CST Registration Document and PAN / TAN Card copies.
- 5.6 All bidders shall also include the following information and documents with their tenders ( in the Technical bid cover)

- 5.6.1 Copies of original documents defining the constitution or legal status, place of registration, and principal place of business of the bidding firm/entity; written power of attorney of the signatory of the Bid to commit the Bidder.
  - 5.6.2 Machinery/equipment owned by the bidder and number of employees.
  - 5.6.3 Latest Income Tax returns and **VAT/ CST** Returns filed.
  - 5.6.4 List of Present Clientele with contact addresses & telephone numbers.
- 5.7 All the certificates furnished along with technical bids should be attested by a Gazetted Officer, counter signed by bidder along with their seal.

The bidders must submit all relevant documentary evidence to support their claim for eligibility in placing bid. **The tenders received without the above documents will be rejected.**

## **6. INSTRUCTIONS TO BIDDERS**

- 6.1 Tenders with over writings, alterations etc., will not be admitted unless they are attested by the bidder. Where there is a discrepancy between the amount (Rupees) in figures and words, the price, which is least of the two, will prevail.
- 6.2 Bid should be strictly in conformity with the Terms and Conditions mentioned in the tender schedule.
- 6.3 Bidders are expected to examine all the terms and instructions mentioned in the tender schedule and prepare their proposals accordingly. Failure to provide all requisite information will be at the bidders' own risk and may result in the rejection of the tender.
- 6.4 All assertions made in connection with the tender are to be supported / substantiated by relevant documents. The Registrar, RGUKT reserves the right to verify the credentials of the bidder as per the eligibility criteria.
- 6.5 The Registrar, RGUKT will notify the bidder whose tender has been accepted.
- 6.6 The successful bidder shall execute an agreement with RGUKT on Non-judicial stamp paper worth Rs.100.00 agreeing to all the conditions of the contract 15 days upon intimation of acceptance of Tender. The successful bidder has to submit performance security guarantee after taking Letter of Intent but before having contract agreement. Failure on enter into an agreement within the stipulated time will result in forfeiture of the EMD.

The Registrar, RGUKT reserves the right to issue instructions / modifications at any point of time before award of contract.

## 7. METHOD OF SUBMISSION:

Bids shall be submitted online on [www.eprocurement.gov.in](http://www.eprocurement.gov.in) Platform.

- 7.1. The participating bidders in the tender should register themselves free of cost on e-procurement platform in the website [www.eprocurement.gov.in](http://www.eprocurement.gov.in)
- 7.2. Bidders can log-in to e-procurement platform in Secure mode only by signing with the Digital certificates.
- 7.3. The bidders who are desirous of participating in e-procurement shall submit their technical bids, price bids as per the standard formats available at the e-market place.
- 7.4. The bidders shall sign on all the statements, documents certificates uploaded by them, owning responsibility for their correctness/authenticity.
- 7.5. The bidders should scan and upload the respective documents in Technical Documentation as per the check list.
- 7.6. After uploading the documents, the copies of the uploaded technical bid documents, and original Demand Drafts in respect of Bid Security and Bid document fee are to be submitted by the bidder to the "The Registrar, RGUKT, Vindhya-C4 Building, IIIT Campus, Gachibowli, Hyderabad-32", by **4:00PM on 27.12.2013.**
- 7.7. Failure to furnish any of the uploaded documents, certificates, will entitle in rejection of the bid. The RGUKT shall not hold any risk on account of postal delay. Similarly, if any of the certificates, documents, etc., furnished by the Bidder are found to be false / fabricated / bogus, the bidder will be disqualified, blacklisted, action will be initiated as deemed fit and the Bid Security will be forfeited.
- 7.8. RGUKT will not hold any risk and responsibility regulating non-visibility of the scanned and uploaded documents.
- 7.9. The Documents that are uploaded online on e-market place will only be

considered for Bid Evaluation.

- 7.10. Important Notice to Contractors, Suppliers and Department users  
(i) In the endeavor to bring total automation of processes in e-Procurement, the Govt. has issued orders vide G.O.Ms.No. 13 dated. 5.7.2006 permitting integration of electronic Payment Gateway of ICICI/HDFC/Axis Banks with e-Procurement platform, which provides a facility to participating suppliers / contractors to electronically pay the transaction fee online using their credit cards.

**In case of consortium either the prime bidder or the consortium partner can purchase the bid document. The bid can be filed either with user ID of prime bidder or consortium partner.**

- 7.11. The rates should be quoted online only.

## **8 EVALUATION PROCEDURE:**

- 8.1 The Tenders will be opened on 28.12.2013. at 02:00 PM by the Registrar, RGUKT or his authorized representative in the presence of the bidders or their authorized representative who may be present at that time.
- 8.2 The Technical Bids will be opened on 28.12.2013. at 02.00 PM. The tenders will be evaluated so as to ascertain the capability of the bidders to provide the material within the period mentioned above and also to assess whether the bidder satisfies the eligibility criteria as detailed in Clause 5 above.
- 8.3 The rejection of the bidder on technical grounds will be based on the failure to meet eligibility requirements.
- 8.4 The committee may reject a bid for non conformance of the specifications.
- 8.5 Price Bid of only those bidders, who have fulfilled the eligibility criteria specified in Clause '5', 8.2 and 8.4 above, will be considered and who does not fulfill the eligibility criteria will not be considered and their tender rejected.
- 8.6 Any claims or disputes raised by the unsuccessful bidders in respect of selection process and non-allotment of award will have no legal validity and



will not be enforceable against the RGUKT. No further correspondence will be entertained regarding the disqualification.

- 8.7 The Registrar, RGUKT reserves the right to accept or reject any / or all the tenders without assigning any reasons whatsoever. The Registrar, RGUKT also reserves the right to cancel the selection process for award of the contract at any time. The decision of the Registrar, RGUKT is final and binding.

## **9. PENALTY CONDITIONS :**

- 9.1. 0.25% will be deducted from total value of the order for each day of delayed supply, and maximum of 10% will be deducted, if delay continues beyond 10% the contract is liable for termination. If contract is terminated the bidder forfeits the performance security Deposit etc.,

**(NOTE: Delivery and installation must be made in a single lot within the delivery date agreed at the time of award of contract)**

- 9.2. If the contract is terminated, as per clause 9.1 above the performance security will be en-cashed by Registrar, RGUKT and the bidder forfeits it.
- 9.3. In case after random check of equipment of the supplied lot, if it is found to be non conforming to the technical specifications then entire lot of such equipment will be rejected. In this case the Registrar, RGUKT shall encash the performance security deposit. The bidder shall have no claim to any payment towards the transaction.

## **10. VALIDITY OF THE CONTRACT**

The contract quoted bid price shall remain valid for a period of 365 days from the date of issue of purchase order.

## 11. GENERAL TERMS & CONDITIONS

12.1. The supply, installation and Commissioning of equipments of Metrology Lab of Mechanical Engineering Department shall be at the three IITs under the RGUKT located at

1. Basar, Adilabad District
2. Nuzvid, Krishna District
3. R K Valley (Idupulapaya), Kadapa District

12.2. Goods are to be supplied as per the specification and quantity. Details are annexed to this bid document.

### 12.3. Delivery and distribution:

**General Clause:** The goods need to be supplied (in case of equipment need to be installed and commissioned) within the stipulated time agreed upon in the contract.

If no such clause exists in the contract, this period may be treated as 90 days from the signing on Supply Agreement Form.

Bidder shall deliver the goods in one lot within 90 days from the date of award of the contract.

12.4. All goods/ equipment supply shall carry a comprehensive warranty period of 3 years. Within the warranty period, in case of any damage to the supplied material like breakage, wear and tear, Electronics defects etc, it will be the responsibility of the supplier to trouble shoot, rectify and restore functioning or replace the damaged material within 7 working days.

12.5. A random sample of any item will be picked from the lot of items delivered by the bidder to the three campuses of RGUKT. This sample will be subjected to tests, if necessary at labs anywhere in the country to ensure compliance to specifications. If the result indicates non conformance, the entire lot will be rejected and the contract will stand terminated without any liability on the part of RGUKT. In addition, this event shall lead to the forfeiture of the performance security amount.

**13.DISPUTES:**

All disputes and differences of any kind whatsoever arising out of or in connection with the contract, whether during or after completion of contract will be settled at Hyderabad only, amicably in a spirit of co – operation and the RGUKT's decision shall be final on all such matters and shall be binding on the Bidder.

**14. DISCLAIMER:**

14.1. Even though adequate care has been taken in the preparation of this Tender Schedule the Bidder should satisfy himself that the Schedule is complete in all respects.

14.2. Neither RGUKT nor its employees make any representation or warranty as to the accuracy, reliability or completeness of the information in this tender schedule and it is not possible for the RGUKT to consider the investment objective, financial situation and particular needs of each party who reads or uses the Tender Schedule. Certain prospective Bidders may have a better knowledge of the scope of work than others. Each prospective Bidder should conduct his or her own investigations and analysis and check the accuracy, reliability and completeness of the information in the Tender schedule and obtain independent advice from appropriate sources.

14.3. Registrar, RGUKT reserves the right to reject any or all the Bids submitted in response to this request for Proposal at any stage without assigning any reasons whatsoever.

14.4. Registrar, RGUKT reserves the right to change any or all of the provisions of this tender Proposal.

**15. REJECTION OF TENDERS:**

- 15.1. The Registrar, RGUKT reserves the right to cancel the tender process and reject all tenders at any time prior to the award of contract without thereby incurring any liability as against the affected bidder or any obligations to inform the affected bidder of the grounds of acceptance or rejection.
- 15.2. No bidder is entitled to withdraw his or her offer after submission. In case of such withdrawal, the EMD deposited along with the tender schedule shall stand forfeited.
- 15.3. For breach of any of the conditions prescribed in the tender or as specified by the RGUKT from time to time, the EMD is liable to be forfeited. Decision of the Registrar, RGUKT in this regard is final and binding on bidders.

**16. Requirement :**

The following Metrology Lab equipments are required in the specifications mentioned here under for all the three Campuses of RGUKT located at Basar (Adilabad District), Nuzvid (Krishna District), RK Valley (YSR District)

### **Metrology Lab Details and Specifications**

<b>Sl. No.</b>	<b>Item</b>	<b>Qty per each Campus</b>	<b>Qty for three campuses</b>
1.	Coordinate Measuring Machine	1	3
2.	Tool Makers Microscope	1	3
3.	Profile Projector	1	3
4.	Auto collimator	1	3
5.	Handy Surf	1	3
6.	Slip gauges set 1	1	3
7.	Slip gauges set 2	1	3
8.	Sine bar	2	6
9.	Universal Bevel protractor	1	3
10.	Vernier calipers	4	12
11.	Digital vernier calipers	1	3
12.	Outside Micro meters 1	1	3
13.	Outside Micrometers 2	1	3
14.	Flange micrometer	1	3
15.	Inside Micrometer	1	3
16.	Dial indicator with stand	2	6
17.	Vernier height gauge with base	2	6
18.	Vernier depth gauge	1	3
19.	Gear tooth vernier caliper	1	3
20.	Surface plate	5	15
21.	Plain plug gauge	1	3
22.	Thread plug gauge	1	3
23.	Thread Ring gauge	1	3
24.	Pith gauge 1	1	3
25.	Pitch gauge 2	1	3
26.	Pitch gauge 3	1	3
27.	Sine center	1	3
28.	V-Block Set	2	6
29.	Mechanical Comparator	1	3
30.	Optical Comparator	1	3
31.	Optical Dividing Head	1	3
32.	Miscellaneous	1	3

## 1. Co-ordinate Measuring Machine

<b>Technical Specifications</b>	
<b>DESCRIPTION OF ARTICLES</b>	<b>Requirement</b>
<b>Machine Type</b>	CNC
<b>Measuring Range</b>	Minimum 700 x 700 x 600 mm in X,Y &Z
<b>Accuracy</b>	+/- 3 Microns
<b>Repeatability</b>	+/- 2 Microns
<b>Construction</b>	Granite Table Providing a durable & Secure surface for parts.
	Ceramic Guide ways offering rigidity & stability against temperature changes, moisture & other contamination
	All the 3 axes should be supported by 4 sided Air Bearings
<b>Control Panel</b>	Computer independent, standard panel having dual graduated control joystick for easy and precise movement of all the 3 Axes.
	Variable Speed control in CNC mode.
	Panel should have switches for selecting operation types, emergency stop, start, run & reset
<b>Probe Head/Probe</b>	Articulating Motorized Probe Head with a indexing resolution of 3 Deg or Better. Scanning probe should accommodate stylus length of Minimum 150 mm Vertically and 65 mm Radially
	Optical probe Head ( Quote as an option)
<b>Probing Method</b>	Touch Trigger (point to Point) and continuous Scanning without changing the probe module.
	Provision for attaching Optical probe
<b>Styli</b>	Styli of Different Diameters with Min dia 0.3 mm.
<b>Scales</b>	Preferably Glass ceramic Scales with near zero thermal coefficient of expansion.
<b>Software</b>	Should be able to read CAD files in DXF/STEP or IGES.
	It should be capable of generating paths automatically based on definition of Metrology elements to be evaluated.
	It should also be possible to program manually ( teach Mode)
	It should allow alterations to be made to the measurement strategies in order to optimize the path.
	It should be capable of extracting Nominal sizes / tolerances from CAD Data.
	It should be capable of simulating the measurements while detecting the collision of probe with part.
	It should allow to resume the program after an interption.
	It should allow to make intermediate measurements.

	It should be able to measure 1D, 2D and 3D curves. Transfer data from CAD to machine and Vice Versa
	It should be capable of generating Reports,plotting forms and also evaluation flags on CAD model.
<b>SUPPORT</b>	To be supplied elearning module
	HOTLINE facility for the maintenance of the machine
	The company should have supplied equivalent machines to educational institutions in India.

## 2. Tool Makers Microscope

Magnification:	30 x
Eyepieces:	WF15x (with cross)
Objectives:	2 x or above
Field of View:	7.5 mm or above
Working Distance:	105 mm or above
Working Stage size:	50 x50 mm or above
Focusing:	100 mm manual
Illumination:	Built in base transmitted from Halogen Lamp and incident light from two lamps with controls

### The equipment should also be supplied with the following optional items

- a) 0 – 50 mm micrometers with L.C. 1 micron
- b) 0 – 25 mm digital micrometers with L.C. 1 micron
- c) Spare WF Eyepiece WF 10x or WF 15x or WF 20x
- d) Spare objective 1x or 2x or 3x or 4x
- e) Rotary Stage
- f) Centre Holding Device
- g) Collect Holding Device
- h) V.Block Set of 2 Nos.
- i) Vee Support
- j) Between Center (V-Block Type)
- k) Extra Halogen Bulb 24V – 150 W
- l) Table Suitable for Tool Maker Microscope
- m) Depth Measuring attachment with dial guage L.C.0.01 mm for STM

### 3. Profile Projector

Technical Specifications		
Lens	Magnification	10X
	View Field	Dia. 25 mm to 30 mm
	Working Distance	Max. 75 mm
Maximum Work piece Height		85 to 100 mm
Magnification accuracy		+/- 0.1%
Projector Screen		Dia. 300 mm or more
		Rotation Range: 0° to 360°, resolution: 1 sec, accuracy: 6 seconds.
		Reference Lines: Cross-hairs
Stage	Metal Stage Size	350 mm x 160 mm (minimum)
	Glass Stage Size	200 x 100 mm (minimum)
	Working Area	250 x 150 mm (Maximum)
Illumination		Contour illumination: 12V/100W halogen lamp, 2-step (high/low) brightness adjustment or better
		Surface illumination: 24V/150W halogen lamp or better
Data Processing Unit		<b>It should perform following functions:</b> Measure coordinate of point, coordinate of line, center coordinate, radius of circle with three points, distance between two objects, angle with four points or two lines, set origin of coordinate, coordinate transform, set midpoint of coordinate.
Standard Delivery		10x lens with half-reflection mirror – 1 pc overlay chart clip - 4 pcs Level - 1 pc Anti – dust cover – 1 pc
Additional/optional accessories		20X lens with half reflection mirror, rotary table, V- Block with clamp, 5X magnifier, holder with clamp, Swivel center support.

### 4. Autocollimator

Technical Specifications	
Objective lens clear aperture	35 mm or above
Focal length	400 mm or above
Eye piece	16XWF
Range of measurement	20 min or better
Field of view	100 mm or above
Means of readout	Micrometer



Measurement axis	Single/Dual
No of divisions on micrometer drum	120 or more
Direct reading	1 s
Accuracy over 1 min	5 s
Accuracy over full range	10 s
Best accuracy	3 s or better
Reflector diameter	50 mm
Power supply	220 V AC 50-60Hz

5. **Portable Form, Surface and 3 Dimensional measurement machine:**

<b>Technical Specifications</b>	
Traversing length	12 mm (minimum)
Measuring range	40/160 $\mu$ m/Auto or better
Resolution	0.02 $\mu$ m
Radius of diamond stylus	5 $\mu$ m
Display	LCD, 16 digit x 2 lines

<b>Sl. No</b>	<b>Item</b>	<b>Specifications</b>
6.	<b>Slip gauges set 1</b>	Rectangular gauge blocks made of alloy steel with grade 2 Meet ISO 3650 and also supply with inspection certificate Blocks per set 103 It should contain forty-nine pieces with a range of 1.01 to 1.49 mm. in steps of 0.01 mm, forty-nine pieces with a range of 0.50 to 24.50 mm in steps of 0.50 mm, four pieces of 25, 50, 75, and 100 mm respectively, one extra piece of 1.005 mm.
7.	<b>Slip gauges set 2</b>	Rectangular gauge blocks made of alloy steel with grade 2 Meet ISO 3650 and also supply with inspection certificate Blocks per set 87 It should contain forty nine pieces with range of 1.01-1.49 mm in steps of 0.01mm, nine pieces with range of 1.001-1.009 mm in steps of 0.001mm, nineteen pieces with range 0.5-9.5mm in steps of 0.5mm, ten pieces with range of 10-100 in steps of 10mm
8.	<b>Sine bar</b>	Made from alloy steel hardened and ground to 55-60HRC Roller center distance 200mm
9.	<b>Universal Bevel protractor</b>	Range 0-360degrees Graduation 5minutes Accuracy+-5 minutes Supplied with 150mm blade Made of carbon steel
10.	<b>Vernier calipers</b>	Range: 0-150mm Graduation: 0.02mm Accuracy: +-0.03mm

		Carbide tipped jaws for inside and outside measurement Made of stainless steel
11.	<b>Digital vernier calipers</b>	Range: 0-300mm Accuracy: $\pm 0.04$ mm Resolution: 0.01mm Absolute and incremental measurement Made of stainless steel
12.	<b>Outside Micro meters 1</b>	Range 0-25mm minimum Graduation: 0.01mm Spindle pitch: 0.5mm Spindle end: Flat form, carbide tipped
13.	<b>Outside Micrometers 2</b>	Range 0-300mm minimum Graduation: 0.01mm Spindle pitch: 0.5mm Spindle end: Flat form, carbide tipped
14.	<b>Flange micrometer</b>	It should be used to measure the gear teeth accurately Range: 0-50mm Accuracy $\pm 0.04$ mm Made of stainless steel
15.	<b>Inside Micrometer</b>	Range 5-30mm Graduation 0.01mm Carbide measuring faces
16.	<b>Dial indicator with stand</b>	Range 25mm Graduation 0.01mm Range/revolution 1mm
17.	<b>Vernier height gauge with base</b>	Range: 0-500mm (minimum) Accuracy $\pm 0.05$ mm Graduation: 0.02 mm Made of stainless steel It should contain carbide tipped scriber, supplied with magnifier and with fine adjustments
18.	<b>Vernier depth gauge</b>	Range: 0-30mm Graduation: 0.1mm Made of stainless steel
19.	<b>Gear tooth vernier caliper</b>	Range: 1- 25 module Accuracy: $\pm 0.02$ mm Graduation: 0.02mm Made of stainless steel It should contain carbide tips
20.	<b>Surface plate</b>	Made from close grained high duty cast iron castings Top surface offered with hand scrapped finish Length x width 400x400 mm Flatness deviation of any local area must not exceed 4 micron Stress relieved from internal stresses

		Plate is provided with rexine protection cover Hardness should be in between 150 – 200 BHN M. S stands on which this surface plate should be placed
21.	<b>Plain plug gauge</b>	Supplied with GO and NO-GO gauge together of standard set of 5mm, 10mm, 15mm, 30mm
22.	<b>Thread plug gauge</b>	Supplied with GO and NO-GO gauge together of standard set of M3x0.5mm, M4x0.7mm, M5x0.8mm, M6x1mm
23.	<b>Thread Ring gauge</b>	Supplied with GO and NO-GO separately GO thread ring gauge set M3x0.5mm, M4x0.7mm, M5x0.8mm, M6x1mm NO-GO thread ring gauge M3x0.5mm, M4x0.7mm, M5x0.8mm, M6x1mm
24.	<b>Pith gauge 1</b>	Range: 0.25-7mm Thread type: Metric 60degree
25.	<b>Pitch gauge 2</b>	Range: 2-20mm Thread type: Acme 30 degrees
26.	<b>Pitch gauge 3</b>	Range: 4-42 TPI Thread type: Whitworth 55degree screw
27.	<b>Sine center</b>	Admit Between Height of 300 mm – 150 mm Center (mm) – Center (mm)
28.	<b>V-Block Set</b>	Size: 80 mm x 60 mm x 60 mm (minimum) Range of Shafts: 5 to 65 mm (minimum) Parallelism of both V grooves to top and bottom sides: 5 µm Squareness of V- grooves to front and backsides: 5 µm Height difference of a matched pair: 5 µm
29.	<b>Mechanical Comparator</b>	Accuracy 0.025 µm Measurement range 25 µm Least count 0.5 µm
30.	<b>Optical Comparator</b>	Accuracy 0.5 µm Measuring range 70 µm Least count 1 µm
31.	<b>Optical Dividing Head</b>	Least count 1 min Magnification 60 Height of Centers 90 mm Length between Centers 850 mm
32.	<b>Miscellaneous</b>	For angle measurement we need <b>wedges</b> with some angles, <b>two steel ball</b> of same diameter, <b>two steel rollers</b> of same diameter, <b>external taper gauge</b> , <b>internal taper gauge</b> , <b>crank shaft</b> , <b>two steel plate to hold the crankshaft</b> , <b>different module spur gears</b> ,

### **General terms and conditions to be followed by the suppliers/manufacturers**

1. Any supplier / manufacturer is eligible to quote the rates for items partially or completely to which tenders are called for
2. While quoting the prices, it should be combined with prices of the accessories insisted in the specifications
3. Where ever additional accessories are essential to be quoted , however, allowed to do so by quoting separately
4. supplier / manufacturer should provide the clear data of utility requirement list
5. supplier / manufacturer should provide the instruction manual for both the experimental setups and instruments
6. supplier / manufacturer should provide the sample data & calculations and standard results for comparison in case of experimental setups

**Financial Bid**

**Price Schedule for Goods offered**

**Please quote amounts in numerals and words at each place.**

<b>Sl. No</b>	<b>Name of the Equipment</b>	<b>Total Qty</b>	<b>Unit Price (In Rs) Without Taxes &amp; Duties</b>	<b>Taxes &amp; Duties on Unit Price</b>	<b>Unit Price (In Rs) With Taxes and Duties T(4+5)</b>	<b>Total Price (In Rs) (3*6)</b>
<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>6</b>	<b>7</b>
1.	Coordinate Measuring Machine	3				
2.	Tool Makers Microscope	3				
3.	Profile Projector	3				
4.	Auto collimator	3				
5.	Handy Surf	3				
6.	Slip gauges set 1	3				
7.	Slip gauges set 2	3				
8.	Sine bar	6				
9.	Universal Bevel protractor	3				
10.	Vernier calipers	12				
11.	Digital vernier calipers	3				
12.	Outside Micro meters 1	3				
13.	Outside Micrometers 2	3				
14.	Flange micrometer	3				
15.	Inside Micrometer	3				
16.	Dial indicator with stand	6				
17.	Vernier height gauge with base	6				
18.	Vernier depth gauge	3				
19.	Gear tooth vernier caliper	3				
20.	Surface plate	15				
21.	Plain plug gauge	3				
22.	Thread plug gauge	3				
23.	Thread Ring gauge	3				
24.	Pith gauge 1	3				
25.	Pitch gauge 2	3				
26.	Pitch gauge 3	3				
27.	Sine center	3				

28.	V-Block Set	6				
29.	Mechanical Comparator	3				
30.	Optical Comparator	3				
31.	Optical Dividing Head	3				
32.	Miscellaneous	3				

**(Signature of Bidder)**

**Note:** Please quote for imported equipments in Foreign Currency only. The exchange rate as on date of opening of the price bid will be applied and the comparative statement will be drawn in Indian Rupees. Wherever quoted in Indian Rupees such price will be considered for comparison.

**ANNEXURE-1**

**RGUKT. Ref. No: *RGUKT/Proc/Mech.Engg/MTRL /T11/E-2013***

**Bid Security(EMD) form**

( To be issued by a Nationalized Bank in India and having at least one branch in Hyderabad)

Whereas.....(here in after called “ the Bidder”) has submitted its bid  
Dated.....(Date). For the execution of .....(here in after called “the Bid”)

KNOW ALL MEN By these present that WE.....of .....having our

Registered office at .....(hereinafter called the “Bank”) are bound unto  
the Rajiv Gandhi University of Knowledge Technologies,. (hereinafter called “The RGUKT”) in  
the sum of .....for which payment well and truly to be made to the said RGUKT itself,  
its successors and assignees by these presents.

The conditions of these obligations are:

1. If the bidder withdraws its bid during the period of bid validity or
2. If the bidder, having been notified of the acceptance of its bid by the RGUKT during the period of bid validity
  - 1) Fails or refuses to execute the contract form if required; or
  - 2) Fails or refuses to furnish the performance security, in accordance with the bid requirement;

We undertake to pay the RGUKT up to the above amount upon receipt of its first written demand, without the RGUKT having to substantiate its demand, provided that in its demand the RGUKT will note that the amount claimed by it is due to it, owing to the occurrence of one or both of the two conditions, specifying the occurred condition or conditions. This guarantee will remain in force up to and including 45 days after the period of the bid validity, and any demand in respect thereof should reach the Bank not later than the above date.

Place: Signature of the Bank

Date: and seal.

**ANNEXURE-II**

**RGUKT Ref. No: *RGUKT/Proc/Mech.Engg/MTRL /T11/E-2013***

**PERFORMANCE SECURITY FORM**

( To be issued by a Nationalized Bank in India and having at least one branch in Hyderabad)

To :.....( Address of RGUKT)

WHEREAS..... (Name of Vendor) hereinafter called “the Vendor” has undertaken, in pursuance of

Contract No.....Dated,.....(Date), to supply.....called “the Contract” AND WHEREAS it has been stipulated by you in the said Contract, that the Vendor shall furnish you with a Bank guarantee by a Nationalized bank for the sum specified therein as security for compliance with the supplier’s performance Obligations in accordance with the Contract.

WHEREAS we have agreed to give the Vendor a Guarantee:

THEREFORE WE hereby affirm that we are Guarantors and responsible to you, on behalf of the Vendor, up to a total of Rs.....and we undertake to pay you, upon your first written demand declaring the Vendor to be in default under Rs..... (Amount of Guarantee) as aforesaid without your needing to prove or to show grounds or reasons for your demand or the sum specified therein.

This guarantee is valid until the .....day of ..... (Date)

Place:

Signature of Guarantors and Seal

Date:



**ANNEXURE-III**

**SUPPLY AGREEMENT FORM**

THIS AGREEMENT made the ..... day of..... (Year).Between the Rajiv Gandhi University of Knowledge Technologies (hereinafter “the RGUKT”) of one part and..... (Name of Vendor) of..... (City and Country of Vendor) (Hereinafter “the Vendor”) of the other part:

WHEREAS the RGUKT is desirous that certain items as described in the bid document and briefly outlined below, should be provided by the Vendor.

Date of tender call:

Title of the project:

Brief outline of the work:

NOW THIS AGREEMENT WITNESSETH AS FOLLOWS:

In this agreement words and expression shall have the same meanings as are respectively assigned to them in the bid document referred to.

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

1. bid documents
2. clarifications issued by RGUKT if any,
3. RGUKT notification of award.

In consideration of the payments to be made by the RGUKT to the Vendor as hereinafter mentioned, the Vendor hereby covenants with the RGUKT to provide the **items and to replace defective items during the warranty period** therein in conformity, in all respects, with the provisions of the contract.

The RGUKT hereby covenants to pay the Vendor in consideration of the provision of the items and **to replace defective items during the warranty period** therein, the contract price or such other sum as may become payable under the provisions of the contract at the times and in the manner prescribed by the contract.

Brief particulars of the items which shall be provided by the Vendor are as under:

Items	Quantity	Unit price (Inclusive of all taxes and duties)	Total Amount	Remarks

The Bidder further notes and accepts that:-

- Bidder shall deliver the goods in one single lot within 90 days for indigenous as well as imported equipments also from the date of award of the contract.

<b>Payment terms</b>	
On delivery at user site	<p>Payment for goods and services shall be made in Indian rupees as follows.</p> <ol style="list-style-type: none"> <li>1. 80% of payment will be paid after installation, and demonstrating of satisfactory functioning on site.</li> <li>2. Balance 20% will be paid after 3 months after obtaining the satisfactory certificate from the Director, RGUKT IIIT.</li> <li>3. In case of equipment from foreign country LC will be opened for 100% and 90% of payment will be paid on delivery &amp; submission of documents and remaining 10% will be paid after installation and commission.</li> </ol>
Maximum Damages for late deliveries	<p>Liquidated for late</p> <p>For delays:- If the supplier fails to deliver any or all of the goods or perform the services within the time period specified in the contract the purchaser shall without prejudice to its other remedies under the contract deduct from the contract price as liquidated damages a sum equivalent to 0.25% of the contract value per day until actual delivery or performance up to a maximum deduction of 10% of the delayed goods or services contract price. Once the maximum deduction is reached, the purchaser may consider the termination of the contract duly forfeiting the performance security etc.,</p>

In addition if the contract is cancelled, the performance security will be en-cashed and forfeited.

- In case, after random sampling of the supplied lot, it is found that there is any non conformance to specifications, the performance guarantee will be en-cashed and forfeited and the bidder will have no claim to any payments. The entire lot will be rejected.
  
- The supply and distribution of Items supplied shall be done at all the three RGUKT campuses located at
  - Basar, Adilabad District
  - Nuzvid, Krishna District
  - R K Valley (Idupulapaya), Kadapa District
  
- There shall be a warranty period of 3 years and within the warranty period, in case of any damage to the supplied material like breakage, wear and tear, Electrical defects etc., it will be the responsibility of the supplier to made working the damaged material.
- A random sample of any size will be picked from the lot of items delivered by the bidder to the three IITs under the RGUKT. This sample will be subjected to tests, if necessary at labs anywhere in the country to ensure compliance to specifications. If the result indicates non conformance, the entire lot will be rejected and the contract will stand cancelled without any liability on the part of RGUKT. In addition, this event shall lead to the forfeiture of the performance security amount.
  - All disputes and differences of any kind whatsoever arising out or in connection with contract, whether during or after completion of contract will be settled amicably in a spirit of co – operation and the RGUKT decision shall be final on all such matters and shall be binding on the bidder.

IN WITNESS whereof the parties hereto have caused this Agreement to be executed in accordance with their respective laws the day and year above written.

Signed, and delivered by

Signed, and delivered by

For the Vendor.

For. Rajiv Gandhi University

Vendor's common seal:

of Knowledge Technologies

Place

RGUKT common seal:

Date:

Place:

Date:

In the presence of:.....

**BID LETTER FORM**

From:

(Registered name and address of the bidder)

To

Rajiv Gandhi University of Knowledge Technologies,

Ground floor, Vindhya C4 Building,

IIIT-H Campuses, Gachibowli,

Hyderabad-500032.

Sir,

Having examined the bidding documents and amendments there on, we the undersigned, offer to supply and deliver the Metrology Lab (and other related materials) as the case may be, in conformity with the terms and conditions of the bidding document and amendments thereon in response to your tender call dated.....

We undertake to supply the above mentioned materials, as assigned to us in conformity with the said bidding documents, for an estimated sum of Rs ..... (Total bid amount in words and figures) which may vary in accordance with the schedule of prices attached herewith and coverage options made by RGUKT or its user organization.

If our bid is accepted, we undertake to:

- a. supply the materials according to the time schedule specified in the bid document,
- b. Obtain the performance guarantee from a scheduled bank in accordance with bid requirements for the due performance of the contract, and
- c. Agree to abide by the bid conditions, which remain binding upon us during the entire bid validity period and the bid may be accepted any time before the expiration of that period.
- d. We understand that you are not bound to accept the lowest or any bid you may receive, nor to give any reason for the rejection of any bid, and that you will not defray any expenses incurred by us in bidding.

Place:

Bidder's Signature

Date:

Seal.

### BIDDER INFORMATION

1	Name of the organization	
2	Year of establishment	
3	Registered Office Address	
4	Phone No.	
5	Fax No.	
6	Email	
7	Total No. of branch offices in AP	
8	Whether Manufacturer	Yes/No
9	Details of EMD furnished	
10	Details of certificates enclosed.	

Turn over details of item/product – 2012-13

<b>S.No</b>	<b>Item name</b>	<b>Nos. sold</b>	<b>Amount (Rs in Lakhs)</b>

**List of Major Customers – 2012-13**

<b>S. No</b>	<b>Customer Full Address</b>	<b>Year of supply</b>	<b>Item Name</b>	<b>Turn Over (Rs. in Lakhs)</b>

## CHECK LIST

### **Important:**

The Bidder must ensure that the following details in the check list are furnished along with the bid document. The bidder must also carefully go through all the contents of the BID Document and any additional information/documents, required more than the items listed in the check list below, also shall have to be furnished. Non-furnishing of any required information/document as per the Tender Document will lead to rejection of the bid.

<b>SL. NO</b>	<b>PARTICULARS</b>	<b>PAGE NUMBER</b>
1	Bidder Information	
2	Tender processing fee of rs.1000/- by way of DD from any nationalized bank	
3	EMD (DD/BG) from a Nationalized Bank	
4	Proof of having supplied materials during the FY 12-13	
5	Certificates issued by the firm of CA's regarding turnover of the subject material	
6	Copy of ISO certification	
7	Satisfactory performance certificate from parties	
8	Constitution/legal status of the firm	
9	Copy of registration certificate	
10	Latest income tax returns filed	
11	VAT/CST registration	
12	Latest VAT/CST returns	
13	Power of attorney, wherever applicable	
14	List of machinery/equipment of the bidder	
15	Number of employees	
16	List of customers of previous supply of similar/ same items to IITs, NIT's or central universities or any academic institute of national repute institutions	
17	List of servicing facility centers or work shop with in India	
18	List of present clientele with contact addresses & telephone numbers	
19	The hard copies of all uploaded technical bid documents should be attested by the Gazzetted officer and counter sign by bidder with seal	
20	All other information/documents that are required in bid documents	

NOTE: All pages of the bid documents must be serially numbered and signed.