

# **BID DOCUMENT**

## **e-Procurement**

### **Open Competitive Bid (OCB)**

#### **For**

**Supply and Installation of Electrical Machines for  
Department of Electrical Engineering at  
Rajiv Gandhi University of Knowledge  
Technologies-Basar**

**Proprietary & Confidential**



**RAJIV GANDHI UNIVERSITY OF KNOWLEDGE TECHNOLOGIES**

**BASAR**

**BASAR MANDAL, NIRMAL DISTRICT**

**TELANGANA-504107**

**Phone: 8886855562**

## **Proprietary & Confidential**


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## **News paper advertisement**

### **e-Procurement Tender Notice**

	<p><b>RAJIV GANDHI UNIVERSITY OF KNOWLEDGE TECHNOLOGIES</b> <b>BASAR CAMPUS,</b> <b>BASAR MANDAL, NIRMAL DISTRICT,</b> <b>TELANGANA-504107</b></p>
<p>Online tenders are hereby invited from interested and eligible bidders for supply and installation of (1) Electrical Machines (2) Software Packages for RGUKT, Basar</p>	
<p>Interested bidders can download and submit the bids online from 23.06.2017 to 07.07.2017 up to 05:00PM through <a href="http://www.eprocurement.gov.in">www.eprocurement.gov.in</a>. For further details please visit our website: <a href="http://www.rgukt.ac.in">www.rgukt.ac.in</a></p>	
<p><b>Date.23.06.2017</b></p>	<p><b>Sd/-</b> <b>Director</b></p>

## **Time schedule of various tender related events**

### **Supply and Installation of Electrical Machines for Department of Electrical Engineering, RGUKT, Basar**

Bid calling date	23.06.2017
Bid Document fee (Non Refundable)	Rs. 5,000/- (By way of DD from any Scheduled Bank)
Bid Documents Downloading Start date	23.06.2017 from 08.00 AM
Bid Document Downloading End Date	07.07.2017 till 05:00 PM
Last date for uploading documents online	07.07.2017 at 05:30 PM.
Last date for Submission of documents (hard copies)	10.07.2017 at 04:00 PM.
Technical Bid opening date/time	12.07.2017 at 02:00 PM.
Price Bid opening date/time	12.07.2017 at 04.00 PM
Contact person	Director, RGUKT, Basar.

**Note:** 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)

#### **CLARIFICATIONS:**

- i. Queries if any can be made through e-mail only on [procurement@rgukt.ac.in](mailto:procurement@rgukt.ac.in) on or before 31.06.2017. Queries received via any mode other than e-mail id mentioned above will not be entertained. The queries should only be sent in following format on the official letter head of the company.

S.No.	Page No. (Tender Ref.)	Clause (Tender Ref.)	Description (Tender Ref.)	Query

- ii. The addendum/corrigendum if any shall be published on RGUKT's website i.e. [www.rgukt.ac.in](http://www.rgukt.ac.in) as well as on e-procurement platform [www.eprocurement.gov.in](http://www.eprocurement.gov.in).
- iii. The Bidders are requested to submit the bids after issue of clarifications duly considering the changes made if any. Bidders are totally responsible for incorporating/complying the changes/ amendments issued if any during pre bid meeting in their bid.

Director,  
RGUKT-Basar.

## TENDER FORM

### Not transferable

**Reference No:** RGUKT/Proc/Labs/Electrical Machines/T06/2017, dt.23.06.2017

**Subject:** Tender for Supply and Installation of Electrical Machines for Department of Electrical Engineering, RGUKT, Basar located in Nirmal District – Reg..

Sir/Madam,

- 1) Bids are invited on the e-procurement platform from the Authorized distributors for supply and Installation of Electrical Machines for Department of Electrical Engineering, RGUKT-Basar. The details of bidding conditions and other terms can be downloaded from our website i.e. [www.rgukt.ac.in](http://www.rgukt.ac.in) or from the electronic procurement platform of Government of Telangana 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 Director, RGUKT, Basar by 04.00PM of 07.07.2017. The RGUKT will consider only the bids submitted through on-line over the copies of the paper based bids.
- 4)
  - a) The participating bidder/s will have to pay non-refundable tender processing fee Rs.5000/- in the form of Demand Draft drawn from any Nationalized Bank, in favour of The Director, RGUKT, Basar payable at Basar.
  - b) Further the bidder/s 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 The Director, RGUKT, Basar 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: 8886855562 or Contact Person during office hours.

## STATEMENT OF IMPORTANT LIMITS/VALUES RELATED TO BID

Item	Description
Work Description	Supply and Installation of Electrical Machines for Department of Electrical Engineering, RGUKT, Basar
EMD /Bid Security	Rs.75,000/- (Rupees Seventy Five Thousand only) <b>(by way of Demand Draft or by way of Irrevocable Bank Guarantee from any Scheduled Bank.</b>
Bid Validity Period	90 days from the date of opening of commercial bid
EMD Validity Period	90 days from the date of opening of commercial bid
Variation in quantities/ number of residents	$\pm 20 \%$
Period for furnishing performance Security	Within 10 days from date of receipt of award
Delivery Schedule	The items must be delivered in a single lot within 8 weeks from the date of Purchase Order.
Performance security value	5 % of contract value
Performance security validity period	38 months from award of contract ( including 30 days of installation period)
Period for signing the order Acceptance	Within 7 days from date of receipt of notification of award
<b>Payment terms</b>	
Payment of bill	Payment for goods and services shall be made in Indian rupees as follows. <ol style="list-style-type: none"> <li>1. 90% of the Order value will be paid after installation and commissioning</li> <li>2. Balance 10% of the Order value will be paid after 15 days after obtaining the satisfactory certificate from the end user.</li> </ol>
Penalty for delay in supplies	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 0.5% of the contract value per a week 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.,.



Placing work order	<ul style="list-style-type: none"> <li>➤ RGUKT, Basar, will place order on identified successful bidder.</li> <li>➤ All the payments shall be made directly by RGUKT, Basar to the successful bidder as per the tender terms and conditions.</li> <li>➤ RGUKT can split the order basing on the quoted price and service track record of the firm. The decision of RGUKT is final in this regard.</li> </ul>
Transaction Fee	Transaction fee: All the participating bidders who submit the bids have to pay an amount @ 0.04% of their final bid value online with a cap of Rs. 10,000/- for quoted value of purchase up to Rs.50 crores and Rs.25000/- if the purchase value is above Rs.50 crores & service tax applicable @ 15% 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	Online through e-procurement platform i.e. <a href="http://www.eprocurement.gov.in">www.eprocurement.gov.in</a> .

## **TENDER SCHEDULE**

### **1. PREAMBLE:**

The Director, Rajiv Gandhi University of Knowledge Technologies (RGUKT), Basar, invites sealed tenders for Supply and Installation of Electrical Machines for Dept. of Electrical Engineering, RGUKT, Basar from reputed Manufacturers or their authorized distributors through e-procurement platform (i.e. [www.eprocurement.gov.in](http://www.eprocurement.gov.in) ).

### **2. SCOPE OF WORK:**

For Supply and Installation of Electrical Machines for Dept. of Electrical Engineering, RGUKT, Basar (Nirmal Dist), Telangana.

#### **INCOME TAX:**

During the course of the contract period, deduction of income tax and surcharge as in force at source shall be made at the prevailing rate of income tax department issued from time to time of the gross amount of each bill.

### **3. RATES , TAXES AND DUTIES:**

All the rates in the tender shall be inclusive of all statutory compliances like Service Tax, VAT, etc.

### **4. ELIGIBILITY CRITERIA:**

- 4.1 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.
- 4.2 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 incurrence of delay.
- 4.3 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>
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Up to 50 lakhs	5 Crore
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- 4.4. 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 2017 as mentioned above. A certificate indicating the Turn Over value details (in Rupees) of subject material, during the last three financial years 2014-15, 2015-16 and 2016-17 (for the year ending 31.03.2017) from a Firm of Chartered Accountants must be enclosed (in original) as a proof for Turnover along with audited balance sheets. The Turn Over of the subject Material must be separately indicated in the certificate.
- 4.5. 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.
- 4.6. 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.
- 4.7. All bidders shall also include the following information and documents with their tenders ( in the Technical bid cover)
  - 4.7.1. 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.
  - 4.7.2. Machinery/equipment owned by the bidder and number of employees.
  - 4.7.3. Latest Income Tax returns and VAT/ CST Returns filed.
  - 4.7.4. List of Present Clientele with contact addresses & telephone numbers.
- 4.8. The bidder(s) should have their own manufacturing facility in India.
- 4.9. The bidder(s) should have an experience of establishing similar kind of laboratories in Institutes for more than 5 years.
  - 4.10. The bidder(s) should produce the Certificate of incorporation of the organization.
  - 4.11. The Bidder(s) should be ISO certified or certified by equivalent quality standards and necessary copy of ISO / equivalent certificate is to be enclosed.
  - 4.12. The item to be used is strictly adhering to the specification and subject to test by the Institute / concerned authorities. It must be delivered and installed in good condition.
  - 4.13. Audited balance sheet for the last 3 financial years.
  - 4.14. Company PAN No., Tan No. and TIN No. to be mentioned.

4.15. Technical Brochure / Technical Specification with Equipments photograph to be present

**Note:** All the copies of certificates furnished should be attested by a Gazetted Officer, Bid document should be 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.**

**5. BID PRICE:**

- i. The price should be quoted in Indian Rupees with delivery at RGUKT-Basar, failing which the bid would be rejected. The price shall be written both in figures & words in the prescribed offer form.
- ii. The rates quoted by the bidder shall be fixed for the duration of the contract period and shall not be subject to adjustment on any account. But, any benefit arising out of any subsequent reduction in the prices due to reduction in duty & taxes after the prices are fixed and before the delivery should be passed on to the Purchaser (i.e. RGUKT).
- iii. Any variation arises between unit price and the corresponding quoted total cost then the unit rate will prevail for calculating the total cost.
- iv. If there is a discrepancy between amount in words and figures, the amount in the words will prevail.
- v. Incomplete and/or conditional bids shall be liable to rejection. Prices should be quoted as per the format of price bid.

**6. DELIVERY SCHEDULE:**

- i. The delivery period is 8(Eight) Weeks from the date of Purchase Order.
- ii. In the event of delayed delivery i.e. delivery after the expiry of the delivery period as specified in the above table, the vendor shall be liable to pay a penalty at a percentage of the value of the undelivered machines subject to a maximum of 10% as detailed below:

**Note:** If any items or part of items not delivered as per the purchase order during the stipulated time penalty will be calculated on all items pertaining to that location.

@ 0.5% for the One week

@1% for Two weeks

@1.5% for Three weeks

if delay continues beyond 4 weeks, then the contract is liable to be cancelled.

- iii. The delivery not be deemed to be complete until and unless the ordered products are checked and accepted by the RGUKT as per the order and specifications. After the delivery is made, if it is discovered that the machines supplied are not according to our requirement, such supply would be rejected at the supplier's cost.

## **7. PAYMENT TERMS:**

- i. 90% payment would be released after installation and balance 10% payment would be released after 15 days after obtaining satisfactory report from the end user. Payment shall be paid through RTGS/NEFT/Cheque within 45 days on delivery of items & on receipt of the following details:
  - a. Original invoice duly signed by the authorized signatory.
  - b. Item acceptance certificate duly signed and sealed from authorized representative of RGUKT.
  - c. PAN card, Bank Account details, Bank Address & RTGS details of the agency are to be forwarded along with the invoice.

## **8. EARNEST MONEY DEPOSIT / BID SECURITY:**

- i. The bid should be accompanied by Earnest Money Deposit (EMD) of **Rs.75,000/-** by way of crossed Demand Draft drawn from any Nationalized or scheduled Bank in favor of "Director, RGUKT" payable at Basar.
- ii. The EMD shall not carry any interest.  
Tenders received without EMDs (which should be in Cover 'A') will be summarily rejected.

**Forfeiture of the EMD:** the forfeiture of EMD will be made in the following events:

- i. The bidder qualifies as L1 and backs out of the L1 quotes/tender specification/ tender terms & conditions.
- ii. The bidder signs the agreement and furnishes the Security Deposit but backs out of his tender bid.
- iii. The bidder withdraws his tender after acceptance.
- iv. The bidder withdraws his tender before expiry of the validity period of the tender.
- v. The bidder violates any provisions of the terms and conditions of this tender specifications.

#### **REFUND OF EMD:**

- vi. In case of unsuccessful bidder, the EMD will be returned to them after finalization of the L1 vendor.
- vii. The EMD will be returned to the L1 bidder, only after signing of the contract and submission of Security Deposit, completion of formality etc. in all respects to the satisfaction of the RGUKT.

#### **9. PERFORMANCE SECURITY DEPOSIT:**

- i. The successful bidder has to deposit 5% of the total contract value as performance security deposit in the form of Bank Guarantee from any nationalized bank.
- ii. 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 the contract period, after deducting the outstanding liabilities if any.
- iii. The Performance Security Deposit / Bank Guarantee shall not carry any interest.

#### **10. GUARANTEE:**

- i. The vendor shall provide a Certificate of Guarantee guaranteeing the Purchaser-Company of the satisfactory operation of the machines given by the vendor.

#### **11. ROYALTIES AND PATENTS:**

Any royalties or patents or the charges for the use or infringement thereof that may be involved in the contract shall be included in the price. Bidder shall protect RGUKT against any claims thereof.

12. The RGUKT shall have the right to relax or waive or alter any of the provisions of the tender document.

13. If the bidder wishes to depart from the Technical specifications in any respect he shall draw the attention to such points of departure explaining fully the reasons thereof and furnish separately adopting the form as per ANNEXURE-III. Unless this is done, the requirements of the Technical specification will be deemed to have been accepted in every respect. The RGUKT reserves the right to accept/reject any or all of the deviations shown by the bidder.

#### **14. INSTRUCTIONS TO BIDDERS**

- i. 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.

- ii. Bid should be strictly in conformity with the Terms and Conditions mentioned in the tender schedule.
- iii. 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.
- iv. All assertions made in connection with the tender are to be supported/substantiated by relevant documents. The Director, RGUKT, Basar reserves the right to verify the credentials of the bidder as per the eligibility criteria.
- v. The Director, RGUKT, Basar will notify the bidder whose tender has been accepted.
- vi. The successful bidder shall execute an agreement with RGUKT on Non-judicial stamp paper worth Rs.100/- agreeing to all the conditions of the contract within one week 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 Director, RGUKT, Basar reserves the right to issue instructions / modifications at any point of time before award of contract.**

## **15. METHOD OF SUBMISSION:**

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

- i. 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)
- ii. Bidders can log-in to e-procurement platform in Secure mode only by signing with the Digital certificates.
- iii. 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.
- iv. The bidders shall sign on all the statements, documents certificates uploaded

by them, owning responsibility for their correctness/authenticity.

- v. The bidders should scan and upload the respective documents in Technical Documentation as per the check list.
- vi. 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 Director, RGUKT, Basar, Nirmal District-504107", by **04:00PM on 10.07.2017. (No physical submission of price bid will be entertained)**
- vii. 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.
- viii. RGUKT will not hold any risk and responsibility regulating non-visibility of the scanned and uploaded documents.
- ix. The Documents that are uploaded online on e-market place will only be considered for Bid Evaluation.
- x. Important Notice to Contractors, Suppliers and Department users (i) In the endeavor to bring total automation of processes in e-Procurement, the Govt.hasissued 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.**

- xi. The rates should be quoted online only.



## **16. EVALUATION PROCEDURE:**

- i. The Technical Bids will be opened by the Director, RGUKT, Basar or his authorized representative in the presence of the bidders or their authorized representative who may be present at that time.
- ii. 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 3 above.
- iii. The rejection of the bidder on technical grounds will be based on the failure to meet eligibility requirements.
- iv. Price Bids of only those bidders, who have fulfilled the eligibility criteria specified, will be opened. The Price Bid of the bidder who does not fulfill the eligibility criteria will not be opened and their tender stands rejected.
- v. 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.
- vi. The Director, RGUKT, Basar, reserves the right to accept or reject any / or all the tenders without assigning any reasons whatsoever. The Director, RGUKT, Basar, also reserves the right to cancel the selection process for award of the contract at any time. The decision of the Director, RGUKT, Basar is final and binding.

## **17. FORCE MAJEURE:**

During force Majeure i.e. Acts of God, War, Floods, Riot, Earthquake, General Strike, Lock outs, Epidemics, Civil Commotions, the bidder shall inform the Purchaser immediately and provide their best possible service in given circumstances, and resume services as soon as possible after force majeure ceases.

**18. ARBITRATION:**

In the event of any dispute or differences between the supplier and the purchaser whether arising during the execution of orders under these terms and conditions or thereafter whether by breach or in manner in regard to:

- i. The Construction or interpretation of the terms and conditions
- ii. The respective rights and liabilities of the parties hereto there under
- iii. Any matter or thing out of or in relation to or in connection with these terms and conditions then either party shall give notice to the other of the same and such dispute or difference shall be and hereby referred to the arbitration of such person as the Director, RGUKT, Basar, may nominate and the decision of such Arbitrator shall be conclusive and binding on the parties hereto. The provisions of Arbitration and Conciliation Act 1996 shall apply.

**19. 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 amicably (by negotiations) and the RGUKT's decision shall be final on all such matters and shall be binding on the Bidder.

**20. DISCLAIMER:**

- i. 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.
- ii. Director, RGUKT, Basar, 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.
- iii. Director, RGUKT, Basar, reserves the right to change any or all of the provisions of this Request for Proposal.

**21. REJECTION OF TENDERS:**

- i. The Director, RGUKT, Basar, 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.
- ii. 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.

22. 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 the forfeited. Decision of the Director, RGUKT, Basar in this regard is final and binding on bidder.

## TECHNICAL BID

## ANNEXURE-I

### 1. ELEGIBILITY CRITERIA:

S.No.	Description	Complied / Not ?
1	The bidder(s) should have carried out at least five similar works, preferably at any Central / State Government Educational / Research Institute or Institute of National Repute / any Organization of National Repute.	
2	The bidder(s) should have their own manufacturing facility in India.	
3	The bidder(s) should produce back up documents like purchase orders, work completion certificates for the above mentioned work.	
4	Average Annual Turn Over for the last 3 years should be more than Rs. 5 Crore. Audited Statements of accounts are to be enclosed.	
5	The bidder(s) should have an experience of establishing similar kind of laboratories in Institutes for more than 5 years.	
6	The bidder should not have been black-listed by any Government/Department. A certificate on company letterhead, stating that the bidder hasn't been blacklisted by any institution/organization/society/company of the Central/State Government Ministry/department, or its public sector organizations with company stamp and signed by authorized signatory should also be submitted.	
7	The bidder(s) should produce the Certificate of incorporation of the organization.	
8	The item to be used is strictly adhering to the specification and subject to test by the Institute / concerned authorities. It must be delivered and installed in good condition.	
9	Audited statement of accounts for the last 3 financial years.	
10	Company PAN No., Tan No. and TIN No. to be mentioned..	
11	Technical Brochure / Technical Specification with Equipments photograph to be present	

**(on the official letterhead of Firm)**

**Financial Bid**

**ANNEXURE-II**

Please quote amounts in numerals and words :

Sl.No	Item Description	Qty.	Unit Price	Taxes & Duties	Unit Prices with Taxes & Duties	Total Price
1	Main Distribution Panel: AC 415V, 300 A	1				
2	Rectifier: 220 V, 300 A	1				
3	To obtain magnetization characteristics of a d.c. shunt generator.  DC Shunt motor Coupled to DC Shunt Generator with base plate and Panel for the above with starter and other terminals Motor: 5 HP-220 volts DC-1500 RPM. Generator: 3 Kw-220 volt DC-1500 RPM. Necessary Accessories, wiring, cabling and suitable Equipment to perform the above Experiment	1				
4	To obtain efficiency of a dc shunt machine using Swinburn's test.  DC Shunt Motor with the base plate and panel for the above  Motor: 5 HP-220 volts DC-1500 RPM. Necessary Accessories, wiring, cabling and suitable Equipment to perform the above Experiment	1				
5	To obtain speed-torque characteristics	1				

	<p>of a dc shunt motor.</p> <p>(Brake test on DC Shunt motor) DC Shunt Motor with Mechanical loading arrangement with base plate and panel.</p> <p>Motor: 5 HP-220 volts DC-1500 RPM. Necessary Accessories, wiring, cabling and suitable Equipment to perform the above Experiment</p>					
6	<p>To perform Hopkinson's test and determine losses and efficiency of DC machine</p> <p>DC Shunt motor Coupled to DC Shunt Generator with base and panel for the above with terminals</p> <p>Motor: 5 HP-220 volts DC-1500 RPM. Generator: 3.6 Kw-220 volt DC-1500 RPM. Necessary Accessories, wiring, cabling and suitable Equipment to perform the above Experiment</p>	1				
7	<p>To obtain load characteristics of a d.c. shunt generator and compound generator</p> <p>DC Shunt motor Coupled to DC compound Generator with the base plate and panel for the above with the terminals</p> <p>Motor: 5 HP-220 volts DC-1500 RPM. Generator: 3 Kw-220 volt DC-1500 RPM. Necessary Accessories, wiring, cabling and suitable Equipment to perform the above Experiment</p>	1				
8	<p>To perform Field's test and determine losses and efficiency of DC machine</p>	1				

	<p>DC Series motor Coupled to DC Series Generator with base plate and panel for the above with terminals</p> <p>Motor: 5 HP-220 volts DC-1500 RPM.</p> <p>Generator: 3.6 Kw-220 volt DC-1500 RPM.</p> <p>Necessary Accessories, wiring, cabling and suitable Equipment to perform the above Experiment</p>					
9	<p>To obtain speed control of dc shunt motor using</p> <p>(a) armature resistance control</p> <p>(b) field control</p> <p>DC Shunt Motor with the base plate and the panel for the above with the terminals</p> <p>Motor: 5 HP-220 volts DC-1500 RPM.</p> <p>Necessary Accessories, wiring, cabling and suitable Equipment to perform the above Experiment</p>	1				
10	<p>To perform load test on DC series generator</p> <p>DC Shunt motor Coupled to DC series Generator with base plate and the panel for the above with the terminals</p> <p>Motor: 5 HP-220 volts DC-1500 RPM.</p> <p>Generator: 3 Kw-220 volt DC-1500 RPM.</p> <p>Necessary Accessories, wiring, cabling and suitable Equipment to perform the above Experiment</p>	1				
11	<p>To study polarity and ratio test of single phase and 3-phase transformers.</p>	1				

	230/115 Volts AC 50HZ, Transformer, Closed type Capacity : 2 KVA 3 phase Star / Delta Transformer Shell type. 400 / 200 Vac. 2KVA. Necessary Accessories, wiring, cabling and suitable Equipment to perform the above Experiment					
12	To obtain equivalent circuit, efficiency and voltage regulation of a single phase transformer using O.C. and S.C. tests.  Specifications: 230/115 Volts AC 50HZ, Transformer, Closed type Capacity : 2 KVA Necessary Accessories, wiring, cabling and suitable Equipment to perform the above Experiment	1				
13	To obtain efficiency and voltage regulation of a single phase transformer by Sumpner's test.  Specifications: 230/115 Volts AC 50HZ, Transformer, Closed type Transformer Capacity : 2 KVA----2 nos. Necessary Accessories, wiring, cabling and suitable Equipment to perform the above Experiment.					
14	1phase 230/115 Volts AC 50HZ, Transformer, Closed type Capacity : 2 KVA	4				
15	3 phase Star / Delta Transformer Shell type. 400 / 200 Vac. 2KVA.	2				
16	1 Phase Auto Transformer 230/(0-270) Volts-----10 Amps.	5				



17	<p>To perform no load and blocked rotor tests on a three phase squirrel cage induction motor and determine equivalent circuit</p> <p>Squirrel Cage Induction Motor with Mechanical Loading with base plate and panel for the above with terminals</p> <p>Capacity : 5 HP, 3Ph 415VAC, 1440 Rpm. Necessary Accessories, wiring, cabling and suitable Equipment to perform the above Experiment</p>	1				
18	<p>To perform load test on a three phase induction motor and draw Torque - speed characteristics</p> <p>Squirrel Cage Induction Motor with Mechanical Loading and base plate and panel for the above with terminals.</p> <p>Capacity : 5 HP, 3Ph 415VAC, 1440 Rpm. Star/delta starter----5 HP. Necessary Accessories, wiring, cabling and suitable Equipment to perform the above Experiment</p>	1				
19	<p>To determine speed-torque characteristics of three phase slip ring induction motor and study the effect of including resistance in the rotor circuit</p> <p>Slipring Induction Motor with Mechanical Loading and base plate and panel for the above with terminals.</p> <p>Capacity : 5 HP, 3Ph 415VAC, 1440 Rpm. Necessary Accessories, wiring, cabling and suitable Equipment to perform the above Experiment</p>	1				

20	<p>To determine speed-torque characteristics of single phase induction motor and study the effect of voltage variation.</p> <p>1 Ph.AC Induction Motor with Mechanical loading arrangement and base plate and panel for the above with terminals..</p> <p>Motor: 2 HP-220 volts AC -1440 Rpm. Necessary Accessories, wiring, cabling and suitable Equipment to perform the above Experiment</p>	1				
21	<p>To perform no load and blocked rotor tests on a single phase induction motor and determine equivalent circuit</p> <p>1 Ph.AC Induction Motor with Mechanical loading arrangement and base plate and panel for the above with terminals.</p> <p>Motor: 2 HP-220 volts AC -1440 Rpm. Necessary Accessories, wiring, cabling and suitable Equipment to perform the above Experiment</p>	1				
22	<p>To perform open circuit and short circuit tests on a three phase alternator and determine voltage regulation at full load and at unity, 0.8 lagging and leading power factors by</p> <p>(i) EMF method</p> <p>(ii) MMF method.</p> <p>DC Shunt motor coupled to 3 Phase Alternator with base plate and panel for the above with terminals..</p> <p>Motor: 5 HP-220 volts DC -1500 RPM.</p> <p>Alternator: 3 KVA- 3 Phase, 6 wire and separately excited Field winding. Necessary Accessories, wiring, cabling and suitable Equipment to perform the above Experiment</p>	1				

23	<p>To study synchronization of an alternator with the infinite bus by using:</p> <p>(i) dark lamp method (ii) two bright and one dark lamp method.</p> <p>DC Shunt motor coupled to 3 Phase Alternator( with proper field excitation) with base plate and panel for the above with terminals Motor: 3 HP-220 volts DC -1500 RPM. Alternator: 2 KVA - 3 Phase, 6 wire and separately excited Field winding.</p> <p>Necessary Accessories, wiring, cabling and suitable Equipment to perform the above Experiment</p>	1				
24	<p>To determine V-curves and inverted V-curves of a three phase synchronous motor</p> <p>Synchronous Motor ( with proper starting arrangement) with mechanical Loading arrangement, base plate and panel for the above with the terminal</p> <p>5 HP - 3 Ph 415Volts AC 50 Hz, 1500 Rpm. Necessary Accessories, wiring, cabling and suitable Equipment to perform the above Experiment</p>	2				
25	<p>To determine <math>X_d</math> and <math>X_q</math> of a three phase salient pole synchronous machine using the slip test and to draw the power-angle curve</p> <p>DC Shunt motor coupled to 3 Phase Alternator with base plate and panel for the above with terminals Motor: 5 HP-220 volts DC -1500 RPM. Alternator: 3 KW- 3 Ph, 6 wire and</p>	1				

	separately excited Field winding.  Necessary Accessories, wiring, cabling and suitable Equipment to perform the above Experiment					
26	<b>Scott connection</b>  <b>Main Transformer (Center tapped)</b> Rating : 1kVA Primary Winding : 200-0-200V Secondary Winding : 0-230V <b>Teaser Transformer</b> Rating : 1kVA Primary Winding : 0- 346.4V (86.6%) 400V Secondary Winding : 0-230V <b>Step down Transformers (2 Nos.)</b> Primary Winding : 0-230V Secondary Winding : 0-18V Necessary Accessories, wiring, cabling and suitable Equipment to perform the above Experiment	2				

In figures: Rs. \_\_\_\_\_/-

In words: Rupees \_\_\_\_\_ only.

Note:

- 1) The bidder has to mention the percentage of taxes and duties.
- 2) The bidders have to strictly follow the formats available without any change in *Particulars & Format Nos.*
- 3) The prices should be inclusive of all taxes, central excise duty, standard packing, freight, transit, insurance, loading and unloading charges including Service Tax, Cess, etc. for each of the items quoted.

(Signature of Bidder along with stamp)

## **DEVIATIONS FORMAT**

### **ANNEXURE-III**

Please quote amounts in numerals and words:

<b>S.No.</b>	<b>Pg. No.</b>	<b>Clause (Tender Ref.)</b>	<b>Description in the Tender (Ref.)</b>	<b>Deviation Details</b>	<b>Reasons for deviation</b>
1					

(Signature of Bidder along with stamp)

Ref. No. RGUKT/Proc/Labs/Electrical Machines/T06/2017, dt.23.06.2017

### PERFORMANCE SECURITY FORM

( To be issued by any Scheduled in India and having at least one branch in Basar)

To  
The Director,  
Rajiv Gandhi University of Knowledge Technologies,  
Basar, Nirmal District,  
Telangana-504107.

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 recognized 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

Date:

and Seal.

## SUPPLY AGREEMENT FORM

**Tender Ref :** RGUKT/Proc/Labs/Electrical Machines/T06/2017, dt.23.06.2017

**Tender Subject:** Supply and installation of Electrical Machines to RGUKT.

THIS AGREEMENT made the ..... day of..... (Month) (Year). Between the Rajiv Gandhi University of Knowledge Technologies, Basar (hereinafter "the RGUKT") the first party

**AND**

..... (Name of Vendor) of..... (City and Country of Vendor) (Hereinafter "the Vendor") of the second party:

This agreement of the two parties read as follows:

WHEREAS the RGUKT called for tenders from various companies for supply of Electrical Machines as follows:

S.No.	Item Description
1	Kindly attach as Annexure as mentioned in the page nos 21-28

WHEREAS the vendor has submitted the quotations, which was accepted by the RGUKT after discussions; and

WHEREAS the RGUKT is desirous of placing the purchase order for supply of the above Software (latest version); and

WHEREAS the vendor had agreed to affect the above supplies, as per the terms and conditions mentioned herein below:

WHEREAS The vendor has submitted Bank Guarantee vide BG No: \_\_\_\_\_ Dt.\_\_\_\_\_, issued by \_\_\_\_\_(Name of the Bank & Branch), which is valid up to \_\_\_\_\_. The vendor was issued the **Purchase order No RGUKT/Proc/Labs/Electrical Machines/T06/2017, Dt. \_\_\_\_\_**, subject to the following terms and conditions and the schedules I, II and III appended.

### TERMS AND CONDITIONS:

#### 1. Tender Offer & Period of Agreement:

1.1. The Electrical Machines are purchased, delivered to the RGUKT, Basar.

- 1.2. This agreement is valid for this lot of order(s) only and till expiry of warranty period/installation of the last license under this lot. However, the period of agreement may be extended by mutual consent.
2. PRICE:
- 2.1. The order value is as follows:

S.No.	Item Description
1	Kindly attach as Annexure as mentioned in the page nos 21-31

- 2.2. The above prices are inclusive of all applicable taxes (VAT/Service Tax), octroi and for life time validity.
- 2.3. The price quoted shall be all inclusive of ex-factory price, packing, forwarding, freight
- 2.4. The rates quoted by the bidder shall be fixed for the duration of the contract period and shall not be subject to adjustment on any account. But, any benefit arising out of any subsequent reduction in the prices due to reduction in duty & taxes after the prices are fixed and before the delivery should be passed on to the Purchaser (i.e. RGUKT).

### 3. DELIVERY SCHEDULE:

- 3.1. The vendor has to deliver the handbooks to the RGUKT-Basar.
- 3.2. The delivery period is 8 (Eight) Weeks from the date of award of Contract.
- 3.3. In the event of delayed delivery i.e. delivery after the expiry of the delivery period as specified Para 4(iii) herein above, the vendor shall be liable to pay a penalty at a percentage of the value of the undelivered machines subject to a maximum of 10% as detailed below:

**Note:** If any items or part of items not delivered as per the purchase order during the stipulated time penalty will be calculated on all items pertaining to that location.

@ 0.5% for the One week

@1% for Two weeks

@1.5% for Three weeks

if delay continues beyond 4 weeks, then the contract is liable to be cancelled.

- 3.4. The delivery not be deemed to be complete until and unless the ordered products are checked and accepted by the RGUKT as per the order and specifications. No installation required for the above products.
- 3.5. After the delivery is made, if it is discovered that the licenses supplied are not according to our requirement, such supply would be rejected at the supplier's cost.



#### **4. PAYMENT TERMS:**

- i. 90% payment would be released after installation and balance 10% payment would be released after 15 days after obtaining satisfactory report from the end user. Payment shall be paid through RTGS/NEFT/Cheque within 45 days on delivery of items & on receipt of the following details:
  - 4.1.1. Original invoice duly signed by the authorized signatory.
  - 4.1.2. Item acceptance certificate duly signed and sealed from authorized representative of RGUKT.
  - 4.1.3. PAN card, Bank Account details, Bank Address & RTGS details of the agency are to be forwarded along with the invoice.

#### **5. GUARANTEE:**

- 5.1. The vendor shall provide a Certificate of Guarantee guaranteeing the Purchaser-Company of the satisfactory operation of the Electrical Machines given by the vendor.

#### **6. ROYALTIES AND PATENTS:**

Any royalties or patents or the charges for the use or infringement thereof that may be involved in the contract shall be included in the price. Bidder shall protect RGUKT against any claims thereof.

#### **7. FORCE MAJEURE:**

During force Majeure i.e. Acts of God, War, Floods, Riot, Earthquake, General Strike, Lock outs, Epidemics, Civil Commotions, the bidder shall inform the Purchaser immediately and provide their best possible service in given circumstances, and resume services as soon as possible after force majeure ceases.

#### **8. ARBITRATION:**

In the event of any dispute or differences between the supplier and the purchaser whether arising during the execution of orders under these terms and conditions or thereafter whether by breach or in manner in regard to:

- 8.1. The Construction or interpretation of the terms and conditions
- 8.2. The respective rights and liabilities of the parties hereto there under

- 8.3. Any matter or thing out of or in relation to or in connection with these terms and conditions then either party shall give notice to the other of the same and such dispute or difference shall be and hereby referred to the arbitration of such person as the Director, RGUKT, Basar, may nominate and the decision of such Arbitrator shall be conclusive and binding on the parties hereto. The provisions of Arbitration and Conciliation Act 1996 shall apply.

**9. 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 amicably (by negotiations) and the RGUKT's 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

Second Party

First Party

for \_\_\_\_\_  
(Name of the Vendor)

For Rajiv Gandhi University of Knowledge  
Technologies, Basar

Vendor's common seal:

Place: Basar

Date: \_\_\_\_\_

RGUKT common seal:

Place: Basar

Date: \_\_\_\_\_

IN THE PRESENCE OF

1) \_\_\_\_\_

2) \_\_\_\_\_

IN THE PRESENCE OF

1) \_\_\_\_\_

2) \_\_\_\_\_

## Bid letter form

IN FINANCIAL BID

From:

(Registered name and address of the bidder)

To

Rajiv Gandhi University of Knowledge Technologies,  
Basar, Nirmal District,  
Telangana-504107.

Sir,

Having examined the bidding documents and amendments there on, we the undersigned, offer to supply of Electrical Machines 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 provide the above mentioned services, 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 of Electrical Machines according to the time schedule specified in the bid document,
- b. Obtain the performance guarantee from a Nationalized bank in accordance with bid requirements for the due performance of the contract,
- c. Agree to abide by the bid conditions, which remain binding upon us during the entire bid validity period and 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

(IN TECHNICAL BID)

1	Name of the organization	
2	Year of establishment	
3	Registered Office Address	
4	Name & Designation of Authorized person	
5	Phone No.	
6	Fax No.	
7	Email	
8	<b>Bank Details of the Agency</b>	
	Bank Name	
	Bank Address	
	Bank Account Number	
	IFSC Code	
9	PAN No.	
10	TIN No.	
11	Total No. of branch offices in Telangana	
12	Details of EMD furnished	
13	Details of certificates enclosed.	

(IN TECHNICAL BID)

Turn over details of item/product – 2016-17

S.No	Name of the Organization from which purchase order is obtained	Details of Electrical Machines sold	Amount (Rs in Lakhs)

List of Major Customers – 2016-17

S. No	Customer Full Address	Year of supply	Details of Electrical Machines sold	Turn Over (Rs.)

## 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.

S.No	Particulars	Name of the file uploaded	Page Number
1	Bidder Information Sheet		
2	Tender Processing Fee of Rs.5000/- by way of DD from any nationalized Bank		
3	EMD (DD/BG) from any Scheduled Bank.		
4	Copy of Registration Certificate		
5	Certificates issued by the firm of CAs regarding turnover of the subject material		
6	Previous purchase orders along with Satisfactory Performance Certificate from parties		
7	Constitution/Legal status of the firm		
8	Latest Income Tax Returns filed for last two financial years 2015-16 & 2016-17.		
9	VAT/CST Registration		
10	Latest VAT/CST Returns		
11	Power of Attorney, wherever applicable		
12	Non-block list declaration		
13	List of Present clientele with addresses & Phone numbers		
14	All other information/documents that are required in the bid document		

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