

Tender Ref No: RGUKT-Basar/Proc/HMLS/T09/2015, dt.23.01.2016

BID DOCUMENT

Open Competitive Bid (OCB)

For

**Supply, Installation, Commissioning and Testing
of High-Mast Lighting Systems
of
Rajiv Gandhi University of Knowledge
Technologies**

Proprietary & Confidential



**RAJIV GANDHI UNIVERSITY OF KNOWLEDGE
TECHNOLOGIES**

BASAR

**MUDHOLE MANDAL, ADILABAD DISTRICT
TELANGANA-504107**

Phone: 08752-243344/9652067897

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.

Contents

Description	Page No.
Newspaper advertisement	4
Time Schedule	5
Tender Form	6
Statement of important limits and values of bid	7
Tender Schedule	8 - 16
Requirement and Technical Specifications	17 - 20
Special Conditions	21
Financial Bid Statement	22 - 24
Bid Security (EMD) form	25
Performance Security Form	26
Supply Agreement Form	27 - 29
Bid letter form	30
Bidder Information Sheet	31
Turnover details, Major clientele details	32
Check List	33

News paper advertisement

Tender Notice



RAJIV GANDHI UNIVERSITY OF KNOWLEDGE TECHNOLOGIES

BASAR ,

MUDHOLE MANDAL, ADILABAD DISTRICT,

TELANGANA-504107

Phone: 08752-243344/9652067897

Sealed tenders are hereby invited from reputed Manufacturers or authorized dealers for supply, installation, Commissioning and testing of High-mast lighting systems (20 Mtrs & 30 Mtrs) at RGUKT -Basar.

Interested parties can download the tender document from our website. The last date for receipt of Bids along with Bid Processing Fee and EMD as specified in the bid document is on 08.02.2016 at 04:00 PM. For further details visit our website www.rgukt.ac.in.

Date:23.01.2016

Sd/-

Director

Time schedule of various tender related events

Bid calling date	23.01.2016
Bid Document download starts from	24.01.2016
Pre-Bid Meeting Date/time	29.01.2016 at 03:00PM
Bid closing date/time	08.02.2016 at 04:00 PM
Technical Bid Opening date/time	10.02.2016 at 03:00PM
Price Bid opening date/time	10.02.2016 at 05:00 PM
Bid Document fee (Non-refundable)	Rs.3,000/- (By way of DD in favor of the Director, RGUKT, Basar, from any Scheduled Bank payable at Basar)
Contact person	Director, RGUKT
Reference No	RGUKT-Basar/Proc/HMLS/T09/2015

Director,
RGUKT-Basar.

TENDER FORM

Not transferable

Reference. No. RGUKT-Basar/Proc/HMLS/T09/2015

Dated. 23.01.2016

Subject: Invitation of Tenders for Supply, installation, commissioning and testing of High-Mast Lighting Systems at RGUKT, Basar located in Adilabd District – Reg..

Last date and time for submission of the TENDER AT RGUKT, Basar, Mudhole Mandal, Adilabad District **is 08.02.2016 up to 04:00PM**

Dear Sir/Madam,

- A. RGUKT invites sealed tenders comprising technical bid and price bid separately from reputed registered manufacturers (or) authorized dealers/agencies/contractors for supply, installation, commissioning and testing of High-mast Lighting Systems at its campus located in Adilabad District of Telangana State.
- B. The Tender form consists of 33 pages of which pages from 8 to 20 are instructions and page No.22 to 24 contains the format for financial bid. The duly completed Technical Bid together with a copy of the bid document (this tender) signed on all pages by the Bidders authorized signatory and the Price Bid should be kept in separate sealed covers. These sealed covers must be submitted in a sealed master envelope super scribed "Tender for Supply , Installation, Commissioning and Testing of High-Mast Lighting Systems at RGUKT-Basar. The last date for submission of bid is **08.02.2016 and closing time is 04:00 PM.**
- C. The Sealed Tenders should be deposited in the Tender box kept in the office of Director, RGUKT, Basar, up to **04:00 P.M. on 08.02.2016.**

RGUKT-Basar, reserves the right to award the contract to one or more than one bidder.

For any clarification and further details on the above tender, please contact Telephone No: 08752-243344/9652067897/8332818106 or Contact Person during office hours.

Thanking you

Yours faithfully,

Director,
RGUKT-Basar.

STATEMENT OF IMPORTANT LIMITS/VALUES RELATED TO BID

Item	Description
EMD	Rs.50,000/- by way of Demand Draft from any Scheduled Bank.
Bid Validity Period	365 days from the date of opening of Financial bid
EMD Validity Period	90 days from the date of opening of Financial bid
Warranty Period	2 years from the date of installation.
Period for furnishing performance Security Deposit	Within 10 days from date of receipt of award
Delivery Schedule	Bidder shall deliver the goods in one single lot within 30days from the date of award of the contract.
Performance security value	5 % of contract value by way of irrevocable Bank Guarantee from any Nationalized Bank
Performance security validity period	27 months from award of contract
Period for signing the order Acceptance	Within 10 days from date of receipt of notification of award
Payment terms	
Payment Schedule	<p>Payment for goods and services shall be made in Indian rupees as follows.</p> <ol style="list-style-type: none"> 1. 80% of payment will be paid after installation, commissioning and testing 2. Balance 20% will be paid after 3 months after obtaining the satisfactory certificate from the authorities concerned.
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 0.50% of the contract value per each week of delay subject to the maximum of 10%. Once the maximum deduction is reached, the purchaser may consider the termination of the contract duly forfeiting the performance security etc.,</p>

TENDER SCHEDULE

1. PREAMBLE:

1.1. The Director, Rajiv Gandhi University of Knowledge Technologies (RGUKT), Basar invites sealed tenders comprising technical bid and price bid separately from reputed Manufacturers or their authorized dealers for supply, installation, commissioning and testing of High-mast Lighting Systems in the premises of RGUKT-Basar located in Adilabad District of Telangana State. The sealed Tender must contain:

- i. Sealed cover marked as A on top of cover containing "Technical Bid".
(Eligibility Criteria and EMD and Tender process fee Demand draft)
- ii. Sealed cover marked as B on top of cover containing "Financial Bid".

1.2. Sealed cover 'C' shall contain covers A & B and mention "Bid for supply, installation, commissioning and testing of High-mast Lighting Systems" Sealed tenders will be received as per the procedure mentioned at clause 8 of tender up to **04.00 P.M on 08.02.2016** and will be opened in the following manner in the presence of bidders or their authorized representative.

- i. On 10.02.2016 at **03:00 PM**, cover 'A' consisting of eligibility criteria will be opened.
- ii. On 10.02.2016 at **05:00PM**, the cover 'B' consisting of price bid of only those bidders who fulfilled eligibility criteria specified in Clause '5', 8.2 and 8.4, will be opened and the bids which does not fulfill the eligibility criteria will not be opened, such tender bids are automatically rejected.
- iii. The Director, RGUKT reserves the right to accept or reject any / or all the tenders without assigning any reasons whatsoever and cancel the selection process for award of the contract at any time. The decision of the Director, RGUKT is final and binding.

(Note: In case of postponement of any of the above dates the bidders will be intimated.)

2. SCOPE OF WORK

Supply, installation, commissioning and testing of High-mast Lighting Systems (20 Mtrs and 30 Mtrs) in the premises of RGUKT-Basar located in Adilabad District of Telangana State.

3. EARNEST MONEY DEPOSIT / SECURITY DEPOSIT:

3.1 The tender should be accompanied by **Earnest Money Deposit (EMD)** is **Rs.50,000/-** by way of crossed Demand Draft drawn from any Nationalized Bank in favor of “**Director, RGUKT**” payable at Basar. The EMD will be Returned to the bidders after submission of performance security & deposit form duly signed and on conclusion of Agreement.

Tenders received without EMD (which should be in Cover 'A') 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% 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 of successful tenderer will be retained for the period of contract in force and will be returned after expiry of 27 months from the date of installation of the items supplied, 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 with contact details. Copies of orders received from the reputed firms on bidding firm need to be submitted.

- 5.2. The Bidder should be a manufacturer or authorized dealer of Manufacturer. So that the proofs should be enclosed.
- 5.3. The bidder should have completed minimum three works of similar nature of minimum value of Rs.10.00 Lakh each or two works of value Rs.15.00 Lakhs each or one work of Rs.30.00 Lakh in their name, during last three years. Photocopies of the completion certificates and award letters should be submitted along with the tender. Completion certificate issued by the reputed Government Organization shall be accepted. Similar nature means that bidder should have executed the work of design, supply, Commissioning and testing of High-Mast Lighting systems.
- 5.4. A Certificate of the Bidders turnover in Rupees for the last three financial years (i.e.2012-13, 2013-14 and 2014-15) must be enclosed and be duly certified by firm of Chartered Accountants.
- 5.5. Bidder should possess electrical Contractor license from the Govt. of Telangana. Copy of the proof should be submitted.
- 5.6. The bidder should furnish proof of experience certificates, work awarded/completed and satisfactory performance certificate from the parties concerned. RGUKT may contact any such parties to elicit details.
- 5.7. Bidder should be registered under VAT Act/CST Act with the relevant State Sales Tax Authorities. The bidder should furnish along with the bid document, the relevant VAT/CST Registration Document and PAN / TAN Card copies.
- 5.8. All bidders shall also include the following information and documents with their tenders (in the Technical bid cover)
 - 5.8.1. 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.
 - 5.8.2. Machinery/equipment owned by the bidder and number of employees.
 - 5.8.3. Latest Income Tax returns and VAT/ CST Returns filed.
 - 5.8.4. List of Present Clientele with contact addresses & telephone numbers.
- 5.9. 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. **Site Particulars:** The Bidders are advised to inspect and examine the site and its surroundings and satisfy themselves before submitting their tenders as to site conditions, means of access to the site.
- 6.2. Tenders with over writings, alterations etc., will not be admitted unless they are duly 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.
- 6.3. Bid should be strictly in conformity with the Terms and Conditions mentioned in the tender schedule.
- 6.4. 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.
- 6.5. If it is observed that the unit rates quoted by the bidder for any items are unusually high or unusually low, it will be sufficient cause for rejection of the tender unless the RGUKT is convinced about the reasonable of the unit rates on scrutiny of the analysis for such unit rate to be furnished by the bidder on demand.
- 6.6. All assertions made in connection with the tender are to be supported/ substantiated by relevant documents. The Director, RGUKT reserves the right to verify the credentials of the bidder as per the eligibility criteria.
- 6.7. The Director, RGUKT will notify the bidder whose tender has been accepted.
- 6.8. 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 to enter into an agreement within the stipulated time, will result in forfeiture of the EMD/BANK GUARANTEE (BG).
- 6.9. The Director, RGUKT reserves the right to issue instructions / modifications at any point of time before award of contract.
- 6.8. RGUKT has the discretion to call for any clarification / additional documents / proof required in support of the bid documents.

7. METHOD OF SUBMISSION:

- 7.1 The bidder should submit the supporting papers of eligibility criteria as specified in Clause (6), Bid document serially numbered and signed on all pages by the bidder and (iii) Demand Draft towards EMD/ Bank Guarantee (BG) in sealed cover 'A'. The Price Bid shall be kept in sealed cover 'B'. Both sealed covers 'A' and 'B' to be kept in sealed cover 'C' and sealed with wax / gum tape. Strict adherence to the formats wherever specified is required. Non-adherence to the formats and / or submission of incomplete information may render the tender invalid and result in rejection of the bid. Conditional tender will also be summarily rejected.
- 7.2 **The bidder has to quote as per the said specifications, and for total quantity. Partly quoted rates & quantity are treated as incomplete & will be rejected.**
- 7.3 The Sealed Tenders shall be deposited in the Tender box kept in the office of Director, RGUKT, Basar **up to 4.00 P.M on 08.02.2016.**

8 EVALUATION PROCEDURE:

- 8.1 The sealed Tenders will be opened on 10.02.2016 **at 03:00 PM** by the Director, RGUKT or his authorized representative in the presence of the bidders or their authorized representatives who are present at that time.
- 8.2 The Cover - A consisting of the documents related to Eligibility criteria will be opened first **on 10.02.2016 at 03:00 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 6 above.
- 8.3 The rejection of the bidder on technical grounds will be based on the failure to meet eligibility requirements.

- 8.4 Also the bidder has to produce all relevant documents at the time of technical bid opening. The documents will be inspected by the Members of the Technical Committee for conformance of the documents. The Committee may reject a bid for non conformance of the documents.
- 8.5 Cover - B consisting of Price Bid of only those bidders, who have fulfilled the eligibility criteria specified in Clause '5', 8.2 and 8.4 above, will be opened and the envelopes containing the Price Bid of the bidder who does not fulfill the eligibility criteria will not be opened and their tender stands automatically 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 Director, RGUKT is final and binding.
- 8.8 The Director, RGUKT shall reserve the right to split the tender and ask separate bidders to supply the different items in the tender.
- 8.9 The Director, RGUKT can cancel the contract in the event of inordinate delay in supply beyond the normal period agreed upon.

9. PENALTY CONDITIONS :

- 9.1. 0.50% of the contract value per each week of delay subject to the 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 Director, RGUKT and the bidder forfeits it.

9.3. In case after random sample of the supplied lot, if is found to be non conforming to the technical specifications then entire lot 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. DUE DATES:

S. The important due dates are mentioned below:

Issue of tender schedule	From 24.01.2016 onwards
Last date of submission of sealed tenders	Up to 04.00 P.M on 08.02.2016
Opening of tenders	a. Cover A containing the Eligibility Criteria on 10.02.2016 at 03:00 PM b. Cover B containing the Price Bid of eligible bidders on 10.02.2016 at 05:00 PM

10.2 If any of the above dates/times are changed, the bidders will be intimated, accordingly.

11. VALIDITY OF THE CONTRACT

The contract quoted bid price shall remain valid for a period of 180 days from the date of opening of the tenders.

12. GENERAL TERMS & CONDITIONS

12.1. The supply, installation and Commissioning and Testing of High-Mast Lighting Systems in the premises of RGUKT-Basar.

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 60 days from the signing on Supply Agreement Form.

Bidder shall deliver the goods in one lot within 30 days from the date of award of the contract.

- 12.4. All goods/ equipment supply shall carry a warranty period of 1 year. 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. If there are any deviations in the specifications of the materials supplied or indicates non conformance, the entire materials 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.

14. 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 Basar 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.

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

15. REJECTION OF TENDERS:

- 15.1. The Director, 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 Director, RGUKT in this regard is final and binding on bidders.

REQUIREMENT :

30 Mtrs. High-Mast Lighting System:

S.No	Description	QNTY
1	<p>Supply, Installation, Testing & Commissioning of 30 Mtrs. Highmast system with its accessories.</p> <p>(i) Mast shaft shall be in 3 sections, hot dip galvanized and suitable for wind velocity as per IS 875 Part 3</p> <p>(ii) Accessories for highmasts include head frame, steel rope 6 mm dia, (7/19 construction), double drum winch, galvanized lantern carriage suitable for 18 luminaries as per the site condition as directed during execution and necessary control gear boxes and lighting finial</p> <p>(iii) The highmast shall have an integrated power tool installed inside the base compartment of the mast</p> <p>(iv) The highmast shall be provided with aviation obstructing lighting fitting with 1 No. LED aviation obstructing lamp</p> <p>(v) Necessary wiring materials of suitable capacity for giving connections to luminaries.</p> <p>(vi) Fabrication, Supply and Erection of suitable feeder pillar box fabricated with 16 SWG CRCA sheet with powder coated painting duly providing 1 No. 63 Amp TP MCB as incomer, 1 No. 32 Amp 3 pole MCB for motor protection, 1 No. ML 6 contactor, 20 Amp astronomical timer, 32 Amp 5 pin metal clad socket. MCBs & metal clad sockets and contactors & timer. Suitable capacity of 3 pole contactor with interlocking facility for motor operation and necessary push button are to be provided</p> <p>(vii) Supply and laying of 25 sq.mm x 4 core aluminium conductor LT XLPE armoured UG cable of FINOLEX / GLOSTER/Equivalent in 50mm dia 'B' class GI pipe between pillar box and highmast(8 Mtr. Per highmast)</p> <p>Note: (a) The technical specification of highmast, design, carriage lantern design enclosed</p> <p>(b) RGUKT –IIIT will provide power supply upto feeder pillar box.</p> <p>(c) The average illumination level shall be at 30 to 35 luxes at the ground level.</p> <p>(viii) Cement, steel and stone required for casting of suitable shallow foundation with M-25 concrete for the highmast considering the safe soil bearing capacity at site as 10T / Sq.Mtr. at 2 Mtr. Depth and necessary foundation bolts, manufactured from special steel along with nuts, washers, anchor plates, templates</p> <p>(ix) The highmast shall be provided with 2 Nos. Of independent earthing with GI pipe as per IS 3043-1987 and giving earth connections with No.8, SWG GI wire</p>	1No
2	Supply and fixing of non-integral Metal Halide(MH-T) flood light luminaries suitable to fix 2X400W MH-T lamps and control gear box to lantern carriage with necessary clamps, bolts and nuts etc., BAJAJ MODEL No. BGENF 22R/Equivalent	14 Nos
3	Supply and fixing of non-integral floodlight luminaire type BJEF 28S suitable to fix 1X1000W MH-T lamps and control gear boxes to lantern carriage with necessary clamps, bolts and nuts etc.,	6 Nos

20 Mtrs. High-Mast Lighting System:

S.No	20 Mtrs. Highmast Description	QNTY
1	<p>Supply, Installation, Testing & Commissioning of 20 Mtrs. Highmast system with its accessories.</p> <p>(i) Mast shaft shall be in 2 sections, hot dip galvanized and suitable for wind velocity as per IS 875 Part 3</p> <p>(ii) Accessories for highmasts include head frame, steel rope 6 mm dia, (7/19 construction), double drum winch, galvanized lantern carriage suitable for 12 luminaries as per the site condition as directed during execution and necessary control gear boxes and lighting finial</p> <p>(iii) The highmast shall have an integrated power tool installed inside the base compartment of the mast</p> <p>(iv) The highmast shall be provided with aviation obstructing lighting fitting with 1 No. LED aviation obstructing lamp</p> <p>(v) Necessary wiring materials of suitable capacity for giving connections to luminaries.</p> <p>(vi) Fabrication, Supply and Erection of suitable feeder pillar box fabricated with 16 SWG CRCA sheet with powder coated painting duly providing 1 No. 32 Amp TP MCB as incomer, 1 No. 32 Amp 3 pole MCB for motor protection, 1 No. ML 6 contactor, 20 Amp astronomical timer, 32 Amp 5 pin metal clad socket. MCBs & metal clad sockets and contactors & timer. Suitable capacity of 3 pole contactor with interlocking facility for motor operation and necessary push button are to be provided</p> <p>(vii) Supply and laying of 16 sq.mm x 4 core aluminium conductor LT XLPE armoured UG cable of FINOLEX / GLOSTER/Equivalent in 50mm dia 'B' class GI pipe between pillar box and highmast(8 Mtr. Per highmast)</p> <p>Note: (a) The technical specification of highmast, design, carriage lantern design enclosed (b) RGUKT –IIIT will provide power supply upto feeder pillar box. (c) The average illumination level shall be at 30 to 35 luxes at the ground level.</p> <p>(viii) Cement, steel and stone required for casting of suitable shallow foundation with M-25 concrete for the highmast considering the safe soil bearing capacity at site as 10T / Sq.Mtr. at 2 Mtr. Depth and necessary foundation bolts, manufactured from special steel along with nuts, washers, anchor plates, templates</p> <p>(ix) The highmast shall be provided with 2 Nos. Of independent earthing with GI pipe as per IS 3043-1987 and giving earth connections with No.8, SWG GI wire</p>	1No
2	Supply and fixing of non-integral Metal Halide(MH-T) flood light luminaries suitable to fix 2X400W MH-T lamps and control gear box to lantern carriage with necessary clamps, bolts and nuts etc., BAJAJ MODEL No. BGENF 22R/Equivalent	12 Nos
3	Supply and fixing of non-integral floodlight luminaire BJEF 28S type suitable to fix 1X1000W MH T lamps and control gear boxes to lantern carriage with necessary clamps, bolts and nuts etc.,	2 Nos

TECHNICAL SPECIFICATIONS:

TECHNICAL DATA SHEET FOR 30 MTR HIGH MAST SUITABLE FOR 18 LUMINAIRES SYMMETRICAL

Make	:	Bajaj Electricals Ltd OR VALMONT
Height of mast	:	30 Meter,
No. Of sections	:	Three
Material construction	:	S 355 grade as per BS-EN10 025
Base dia. And top diameter (A/F)	:	Top : 150 mm, Bottom : 610 mm
Plate thickness	:	Top : 4 mm, Middle : 4 mm, Bottom : 6 mm
Cross section of Mast	:	20 side polygon.
Standard for of galvanisation	:	As per BS EN ISO 1461
Size of opening and door at base	:	1200 x 250 mm
Diameter of base plate	:	840 mm
Thickness of base plate	:	30 mm
Lightning protection finial	:	G.I single spike of length 1200 mm
Max.wind speed	:	50m/s
Number of foundation bolts	:	12 nos.
PCD of foundation bolts	:	740 mm
Type / diameter / length of fdn bolts	:	TS 600 / 30 mm dia / 850 mm long
LUMINAIRES CARRIAGE		
Material of construction	:	50 NB ERW Class B – M. S. Pipe
Diameter of carriage ring (mm)	:	710 mm (ID)
Construction	:	12 Arm, Welded, 2 sections
Load carrying capacity	:	18 Luminaire
TRAILING CABLE		
Conductor	:	Copper, 5 core, 4 sq mm
Insulation	:	EPR insulated PCP sheathed
No. Of circuits per mast	:	Two
WINCH / POWER TOOL		
Type / SWL of winch	:	DDMFO 35/6 –Double drum, SWL 750 Kg
Method of operation	:	Integral Powe tool Motor
Motor capacity	:	2 HP
No of speeds	:	6 Pole, Single speed
Torque limiter	:	With mechanical tripping facility
STAINLESS STEEL WIRE ROPE		
Grade / construction	:	AISI 316, 7/19 construction
Number of ropes	:	Two continuous
Diameter (mm)	:	6 mm
Breaking load capacity	:	2350 kg x 2

**TECHNICAL DATA SHEET FOR 20 MTR HIGH MAST
SUITABLE FOR 12 LUMINAIRES SYMMETRICAL**

HIGH MAST SYSTEM	
Make	: Bajaj Electricals Ltd OR VALMONT
Height of mast	: 20 Meter,
No. Of sections	: Two
Material construction	: S 355 grade as per BS-EN10 025
Base dia. And top diameter (A/F)	: Top : 150 mm, Bottom : 460 mm
Plate thickness	: Top : 3 mm, Bottom : 4 mm
Cross section of Mast	: 20 side polygon.
Standard for of galvanisation	: As per BS EN ISO 1461
Size of opening and door at base	: 1200 x 250 mm
Diameter of base plate	: 670 mm
Thickness of base plate	: 30 mm
Lightning protection finial	: G.I single spike of length 1200 mm
Max.wind speed	: 50m/s
Number of foundation bolts	: 8 nos.
PCD of foundation bolts	: 590 mm
Type / diameter / length of fdn bolts	: TS 600 / 30 mm dia / 850 mm long
LUMINAIRES CARRIAGE	
Material of construction	: 50 NB ERW Class B – M. S. Pipe
Diameter of carriage ring (mm)	: 710 mm (ID)
Construction	: 8 Arm, Welded, 2 sections
Load carrying capacity	: 12 Luminaire
TRAILING CABLE	
Conductor	: Copper, 5 core, 4 sq mm
Insulation	: EPR insulated PCP scheathed
No. Of circuits per mast	: One
WINCH / POWER TOOL	
Type / SWL of winch	: DDMFO 20/6 –Double drum, SWL 750 Kg
Method of operation	: Integral Powe tool Motor
Motor capacity	: 1.5 HP
No of speeds	: 6 Pole, Single speed
Torque limiter	: With mechanical tripping facility
STAINLESS STEEL WIRE ROPE	
Grade / construction	: AISI 316, 7/19 construction
Number of ropes	: Two continuous
Diameter (mm)	: 6 mm
Breaking load capacity	: 2350 kg x 2

***Test Reports of mast shafts and all accessories must submit while supply**

Special Conditions:

- Any facility not mentioned in this scope, but which is vital to erection and commissioning of High Mast Lighting system is assumed to be included in the scope of work.
- All designs, drawings and quality plan duly certified by chartered structural engineer have to be submitted to RGUKT before commencement of work.
- Contractor has to ensure safety and provide adequate supervision.
- Electricity for erection at site will be provided free of cost. However, cable, T&P etc will have to be managed by the contractor.
- During working at site, some restrictions may be imposed by Engineer-in-Charge/Security Staff of RGUKT or local authorities regarding safety and security etc., the contractor shall be bound to follow all such restrictions/instruction & nothing extra shall be payable on this account.
- No compensation shall be payable to the contractor for any damage caused by rains lightening, wind, storm, floods Tornado, earthquakes or other natural calamities during the executing of work. He shall make good all such damages at his own cost; and no claim on this account will be entertained.
- All rates shall remain firm for the contract period.
- All the works are to be carried out in accordance with latest CPWD/BIS specifications and as per the directions of the Engineer-in-Charge.
- All tests shall be carried out in accordance with relevant Indian standard code of practice and Indian Electricity rules. The contractor shall provide necessary instruments, equipments and labour for conducting the tests & shall bear all expenses of conducting such tests.
- The contractor is bound to carry out the tests as per the CPWD/BIS/Applicable codes guidelines for ascertaining the quality of the works executed/materials used as and when directed by the Engineer-in-charge. The cost of preparing samples and carrying out tests for quality of materials or workmanship will be borne by the contractor except for such exclusions as are specifically mentioned in the specifications laid down in the contract.

Financial Bid

IN COVER 'B'

Price Schedule for Goods offered

Please quote amount in numerals and words at each place inclusive of Duties & Taxes.

S.No	Description (30 Mtr. High Mast System)	QTY	Unit Price without taxes	Taxes and duties (Tax.....%)	Total price with taxes and duties
1	<p>Supply, Installation, Testing & Commissioning of 30 Mtrs. Highmast system with its accessories.</p> <p>(i) Mast shaft shall be in 3 sections, hot dip galvanized and suitable for wind velocity as per IS 875 Part 3</p> <p>(ii) Accessories for highmasts include head frame, steel rope 6 mm dia, (7/19 construction), double drum winch, galvanized lantern carriage suitable for 18 luminaries as per the site condition as directed during execution and necessary control gear boxes and lighting finial</p> <p>(iii) The highmast shall have an integrated power tool installed inside the base compartment of the mast</p> <p>(iv) The highmast shall be provided with aviation obstructing lighting fitting with 1 No. LED aviation obstructing lamp</p> <p>(v) Necessary wiring materials of suitable capacity for giving connections to luminaries.</p> <p>(vi) Fabrication, Supply and Erection of suitable feeder pillar box fabricated with 16 SWG CRCA sheet with powder coated painting duly providing 1 No. 63 Amp TP MCB as incomer, 1 No. 32 Amp 3 pole MCB for motor protection, 1 No. ML 6 contactor, 20 Amp astronomical timer, 32 Amp 5 pin metal clad socket. MCBs & metal clad sockets and contactors & timer. Suitable capacity of 3 pole contactor with interlocking facility for motor operation and necessary push button are to be provided</p> <p>(vii) Supply and laying of 25 sq.mm x 4 core aluminium conductor LT XLPE armoured UG cable of FINOLEX / GLOSTER/Equivalent in 50mm dia 'B' class GI pipe between pillar box and highmast(8 Mtr. Per highmast)</p> <p>Note: (a) The technical specification of highmast, design, carriage lantern design enclosed</p>	1No			

	(b) RGUKT –Basar will provide power supply upto feeder pillar box.				
	(c) The average illumination level shall be at 30 to 35 luxes at the ground level.				
	(viii) Cement, steel and stone required for casting of suitable shallow foundation with M-25 concrete for the highmast considering the safe soil bearing capacity at site as 10T / Sq.Mtr. at 2 Mtr. Depth and necessary foundation bolts, manufactured from special steel along with nuts, washers, anchor plates, templates				
	(ix) The highmast shall be provided with 2 Nos. Of independent earthing with GI pipe as per IS 3043-1987 and giving earth connections with No.8, SWG GI wire				
2	Supply and fixing of non-integral Metal Halide(MH-T) flood light luminaries suitable to fix 2X400W MH-T lamps and control gear box to lantern carriage with necessary clamps, bolts and nuts etc., BAJAJ MODEL No. BGENF 22R/Equivalent	14 Nos			
3	Supply and fixing of non-integral floodlight luminaire type BJEF 28S suitable to fix 1X1000W MH-T lamps and control gear boxes to lantern carriage with necessary clamps, bolts and nuts etc.,	6 Nos			
Total Price inclusive of all taxes and duties (Rs.)					

S.No	Description (20 Mtr. High Mast System)	QTY	Unit Price without taxes	Taxes and duties (Tax.....%)	Total price with taxes and duties
1	Supply, Installation, Testing & Commissioning of 20 Mtrs. Highmast system with its accessories.	1No			
	(i) Mast shaft shall be in 2 sections, hot dip galvanized and suitable for wind velocity as per IS 875 Part 3				
	(ii) Accessories for highmasts include head frame, steel rope 6 mm dia, (7/19 construction), double drum winch, galvanized lantern carriage suitable for 12 luminaries as per the site condition as directed during execution and necessary control gear boxes and lighting finial				
	(iii) The highmast shall have an integrated power tool installed inside the base compartment of the mast				
	(iv) The highmast shall be provided with aviation obstructing lighting fitting with 1 No. LED aviation obstructing lamp				

	<p>(v) Necessary wiring materials of suitable capacity for giving connections to luminaries.</p> <p>(vi) Fabrication, Supply and Erection of suitable feeder pillar box fabricated with 16 SWG CRCA sheet with powder coated painting duly providing 1 No. 32 Amp TP MCB as incomer, 1 No. 32 Amp 3 pole MCB for motor protection, 1 No. ML 6 contactor, 20 Amp astronomical timer, 32 Amp 5 pin metal clad socket. MCBs & metal clad sockets and contactors & timer. Suitable capacity of 3 pole contactor with interlocking facility for motor operation and necessary push button are to be provided</p> <p>(vii) Supply and laying of 16 sq.mm x 4 core aluminium conductor LT XLPE armoured UG cable of FINOLEX / GLOSTER/Equivalent in 50mm dia 'B' class GI pipe between pillar box and highmast(8 Mtr. Per highmast)</p> <p>Note: (a) The technical specification of highmast, design, carriage lantern design enclosed</p> <p>(b) RGUKT -Basar will provide power supply upto feeder pillar box.</p> <p>(c) The average illumination level shall be at 30 to 35 luxes at the ground level.</p> <p>(viii) Cement, steel and stone required for casting of suitable shallow foundation with M-25 concrete for the highmast considering the safe soil bearing capacity at site as 10T / Sq.Mtr. at 2 Mtr. Depth and necessary foundation bolts, manufactured from special steel along with nuts, washers, anchor plates, templates</p> <p>(ix) The highmast shall be provided with 2 Nos. Of independent earthing with GI pipe as per IS 3043-1987 and giving earth connections with No.8, SWG GI wire</p>				
2	Supply and fixing of non-integral Metal Halide(MH-T) flood light luminaries suitable to fix 2X400W MH-T lamps and control gear box to lantern carriage with necessary clamps, bolts and nuts etc., BAJAJ MODEL No. BGENF 22R/Equivalent	12 Nos			
3	Supply and fixing of non-integral floodlight luminaire BJEF 28S type suitable to fix 1X1000W MH T lamps and control gear boxes to lantern carriage with necessary clamps, bolts and nuts etc.,	2 Nos			
Total Price inclusive of all taxes and duties (Rs.)					

Note: 1) The prices quoted are inclusive of all taxes, Commissioning, Testing and Transportation Charges.

2) Any statutory recoveries (IT, VAT, etc) will be deducted and remitted to the concerned departments as per norms.

Signature of the Bidder with Seal

Bid Security(EMD) form

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

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.....ofhaving 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 offor 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 90 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.

PERFORMANCE SECURITY FORM

(To be issued by any Nationalized bank, payable at a branch in Basar)

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 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 the contract and without Cavil or argument any sum or sums with in the limit of 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 theday of (Date)

Place:

Signature of Guarantors

Date:

and Seal.

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:

Item Description	Quant ity	Unit Price without taxes	Taxes and duties (Tax.....%)	Total price with taxes and duties

The Bidder further notes and accepts that:-

- Bidder shall deliver the goods in one single lot within 120 days from the date of award of the contract.

Payment terms	
On delivery at user site	<p>Payment for goods and services shall be made in Indian rupees as follows.</p> <p>1.80% of payment will be paid after installation, and demonstrating of satisfactory functioning on site.</p> <p>2. Balance 20% will be paid after 3 months after obtaining the satisfactory certificate from the authorities concerned.</p>
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 0.50% of the contract value per each week of delay subject to the maximum of 10%. 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, installation, commissioning and Testing of Items shall be done at the premises of RGUKT-Basar located in Adilabad District of Telangana State.
 - There shall be a warranty period of 1 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.
- If there are any deviations in the specifications of the materials supplied or 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

Vendor's common seal:

University of Knowledge

Place

Technologies

Date:

RGUKT common seal:

Place:

Date:

In the presence of:.....

Bid Letter Form

IN COVER 'B'

From:

(Registered name and address of the bidder)

To

Rajiv Gandhi University of Knowledge Technologies,
Basar, Mudhole Mandal,
Adilabad, Telangana-504107.

Sir,

Having examined the bidding documents and amendments there on, we the undersigned, offer to supply and deliver the Equipment's of Instrumentation Control & Measurements Lab, 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

IN COVER 'A'

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.	

Turnover details of item/product - 2014-15

S.No.	Item name	Nos. sold	Amount (Rs in Lakhs)

List of Major Customers - 2014-15

S. No	Customer Full Address	Year of supply	Item Name	Turn Over (Rs. In Lakhs)

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.	Details	Page. No.
1	Tender Document Fee / Bid Processing Fee in the form of DD	
2	EMD in the form of DD	
3	Technical Bid	
4	Financial Bid	
5	Copies work orders and work completion certificates received from the Government organizations.	
6	A certificate of the bidders turnover in Rupees for the last three Financial years (i.e. 2012-13, 2013-14 and 2014-15) must be enclosed and be duly certified by firm of Chartered Accountants.	
7	Proofs for experience	
8	Copy of Manufacturers Authorization Certificate	
9	Copy of Electrical Contractor License	
10	Copy of valid VAT/CST registration with the relevant State Sales Tax Authorities.	
11	Copy of PAN/TAN card	
12	Constitution/ legal status of the firm	
14	Copy of Registration certificate	
15	Latest Income Tax Return filed	
16	Latest VAT/CST returns filed	
17	Power of Attorney, wherever applicable	
18	List of Machinery/ equipment of the bidder	
19	Number of Employees	
20	List of present clientele with addresses & phone numbers	
21	All other information/ documents that are required in the Bid documents.	

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