



COLLEGE OF TECHNOLOGY & ENGINEERING

MAHARANA PRATAP UNIVERSITY OF AGRICULTURE & TECHNOLOGY
University Campus, Udaipur-313001 Rajasthan

Phone No.2470837 (O)
Fax No. 0294-2471056

No. F. / MPUAT/CTAE/Acctt/Tender/2011-12/7934
Dated: 9-12-2011

SHORT TERM TENDER NOTICE

Sealed tenders are invited from the manufacturers/authorized dealers/registered suppliers for purchase of following items.

Name of Items, Quantity and Approximate Cost (Rs. in Lacs)
RF SIGNAL GENERATOR-3 GHz-One (4.25) (TECHNICAL SPECIFICATIONS ATTACHED)

The tender form, terms & conditions can be obtained in person on payment of non refundable fee of Rs. 500/- & by post Rs. 600/- separately under each category through a cross Demand Draft in favour of "DEAN, College of Technology & Engineering, Udaipur". Tenderer can also down load tender form and other conditions from University website "www.mpuat.ac.in". However, a separate demand draft of Rs. 500/- is to be enclosed with the down loaded Tender Forms separately under each category, failing which no tender will be considered. Each tenderer has to deposit earnest money @ 2% of the estimated value of the each item shown in the bracket in above table. The successful tenderer shall have to deposit @ 5% of the order value as a security. The University is in possession of the custom duty/central excise duty exemption certificate wherever needed. Tenders have to be quoted in two parts- Technical as well as financial. Technical bid for the items being quoted under same category can be placed in a single envelope, but the Financial bids must be quoted item-wise separately in sealed envelope i.e. separate envelope for each item.

The last date for receipt of tenders (technical and financial bids) is **27.12.2011 up to 3:00PM**. The sealed envelopes for technical bid shall be opened on the same day while the financial bid envelopes will be opened on **28-12-2011 at 11:00 AM** in the office the undersigned and in presence of the tenderers.

DEAN



COLLEGE OF TECHNOLOGY & ENGINEERING
MAHARANA PRATAP UNIVERSITY OF AGRICULTURE &
TECHNOLOGY
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Phone No.2470837 (O)
Fax No. 0294-2471056

No. F. / MPUAT/CTAE/Acctt/Tender/2011-12/7934

Dated: 9-12-2011

M/s. _____

Sub: Tender form for supply of **RF SIGNAL GENERATOR-3 GHz-Quantity: One**

Ref: Our No. F. / MPUAT/CTAE/Acctt/Tender/2011-12/7934 dated 9-12-2011

Dear Sir,

With reference to your letter cited above, please find enclosed herewith the followings:

1. Tender form for supply of **RF SIGNAL GENERATOR-3 GHz – Technical bid.**
2. Tender form for supply of **RF SIGNAL GENERATOR-3 GHz – Financial Bid.**
3. Special Terms and Conditions of the tender for specific equipment to be supplied.
4. General terms and conditions of tender.
5. Custom Duty/Excise Duty exemption certificate.
6. Copy of the Advertisement (appeared in newspapers)

The tenderers have to submit sealed envelopes separately for technical bid and financial bid on **27.12.2011 up to 3.00 PM.** They must submit all specifications of the equipments along with the company brochures with technical bid, while the tenderer must submit duly completed and signed financial bid along with a demand draft towards earnest money @ 2% of the estimated cost for each equipment separately.

Please Note:

1. No tenders will be entertained without earnest money.
2. Tenders must be submitted in **Sealed** cover separately for **technical bid** and **financial bid.**
3. On envelop, the category **tender for supply of Equipments must be mentioned along with** due date i.e **27.12.2011.**
4. If the tender form, special and general terms & conditions are down loaded from the University website, the tenderer has to enclose a demand draft of **Rs. 500/- (Rs. Five Hundred Only)** as tender form fee (Non-refundable) in favour of the Dean CTAE payable at Udaipur failing which the tender shall not be considered.
5. The tenderer or his authorized representative should come prepared for technical presentation and demonstration on the date of opening of the technical bid Tender.
6. Tender for financial bid shall be opened on **28-12-2011.**
7. **The tenderer must apply separately for each equipment** and enclose the required draft for earnest money accordingly. In financial as well as technical bid the tenderer must write the **name of the equipment** on the envelope as well as **technical/financial bid.**

Yours sincerely,

DEAN
College of Technology & Engineering

Encl: as quoted above



College of Technology & Engineering

Maharana Pratap University of Agriculture and Technology,
UDAIPUR – 313 001

TENDER FORM FOR SUPPLY OF RF SIGNAL GENERATOR-3 GHZ

IN REFERENCE TO NIT No. F. / MPUAT/CTAE/Acctt/Tender/2011-12/7934, Date: 9-12-2011

Note: Tender must be submitted strictly in accordance with all the terms & conditions of the Tender-Notice and in the tender form issued by the College, otherwise the tender shall not be considered and shall be rejected outright. Counter conditions shall not be accepted. Tenderers should read these conditions very carefully and comply strictly before submitting the tender. If a tenderer has any doubt regarding the interpretation of any of the conditions or specifications mentioned in these documents, he should refer the same to the Dean, CTAE and seek clarification before submitting the tender. The decision of the Dean, CTAE, regarding interpretation of the conditions and specifications shall be final and binding on the tenderers.

There are two sets of tender forms containing the following documents:-

1. Tender form for supply of **RF SIGNAL GENERATOR-3 GHz – Technical bid.**
2. Tender form for supply of **RF SIGNAL GENERATOR-3 GHz – Financial Bid.**
3. Special Terms and Conditions of the tender for specific equipment to be supplied.
4. General terms and conditions of tender.
5. Custom Duty/Excise Duty exemption certificate.
6. Copy of the Advertisement (appeared in newspapers)

Please retain one set for your record and submit one complete set duly filled in, signed and stamped on every page alongwith the earnest money remittance evidence, failing which, the tender will be rejected.

Encl: As above.

DEAN, College of Technology & Engineering

Details about the tenderer: To be filled in by the tenderer:

1. Name & complete postal address and contact telephone number of the Tenderer:

2. Earnest Money deposited in form of Bank Draft/Pay Order No. _____ dated _____

for Rs. _____ issued by _____ (Name of Bank) (Cheques/FDR's are not acceptable).

- *3. Tender form fee of Rs. 500/- in form of Bank Draft/Pay order No. _____ dated _____ issued by _____ (Name of Bank) (Cheques/FDR's are not acceptable).

***Note:- Applicable when down loaded from website/copied.**

I/We declare that I/we have read all the terms and conditions & specifications of the work mentioned in all the above documents of the tender-form and I/we agree to abide by them.

Dated:

**SIGNATURE OF THE TENDERER
(With Stamp)**

TENDER FORM – TECHNICAL BID

To,
The Dean
College of Technology & Engineering,
MPUAT, Udaipur.

Sub: TENDER FORM for supply of RF SIGNAL GENERATOR-3 GHz

In response to the above referred Tender Notice, I/We are submitting Technical Bid offer for supply of equipment _____ (Name of equipment). The details are as under:

1. Name of the Tenderer _____
2. (a) Address of the Tenderer _____

(b) Phone No. _____ Mobile No. _____
(c) Fax No. _____
3. Technical bid shall be evaluated on the following criteria:
 - (a) Work experience: Expertise in manufacturing/supplying of such equipment at the national and international level. Name of the institute and place where such systems has been supplied and commissioned. Year of delivery to these institutes. Annual turnover of the Tenderer for last five years (Rs. In lac). Place of manufacturing/assembly factory with complete details. Website of Supplier and expertise in other systems, if any.
 - (b) Evidence of having complete supply of such systems in Rajasthan, at the national and international level, if any.
 - (c) Work in progress: Number of offers in the hands for supplying such systems in the country.
 - (d) Proof of satisfactory work done (no. of enclosures) from public funded institutions including after repair facilities extended for the system, if any.
 - (e) Proof of having done supply of similar items in quantity and quality in stipulated time.
 - (f) The tenderer must give all details of specifications of the equipment very clearly and must be self-explanatory.
4. Any other information which the Tenderer considers relevant and useful for consideration of his technical bid.

I/We hereby certify that the above information is true to the best of my/our knowledge and nothing has been concealed.

**SIGNATURE OF THE TENDERER
WITH FIRM'S RUBBER STAMP**

TENDER FORM – FINANCIAL BID

To,
The Dean
College of Technology & Engineering,
MPUAT, Udaipur.

Sub: TENDER FORM for supply of RF SIGNAL GENERATOR-3 GHz

In response to the above referred Tender Notice, I/We are submitting Price Bid offer for supply of equipment _____ (Name of equipment). The details are as under:

1. Name of the Tenderer _____

2. (a) Address of the Tenderer _____

(d) Phone No. _____ Mobile No. _____

(e) Fax No. _____

3. The proposed tendered amount for supply of equipment is as under:

S. No.	Particulars	Estimated quantity	Tendered rate (in Rs. Figures and words per unit)

Note: Quote rates for different equipments on separate sheets and submit in separate envelopes.

I/We hereby certify that the above rates have been quoted after pursuing all the general and special terms and conditions of the tender. I/We agree to confirm these conditions and signed on all the terms & conditions in token of confirmation and acceptance. I/we also bear the responsibility for installation, commissioning, demonstration and training to user at my/our cost.

**SIGNATURE OF THE TENDERER
WITH FIRM'S RUBBER STAMP**



SPECIAL TERMS & CONDITION FOR SUPPLY OF RF SIGNAL GENERATOR-3 GHz WITH REFERENCE TO TENDER NOTICE No. F. / MPUAT/CTAE/Acctt/Tender/2011-12/7934, Dated 9-12-2011

1. Tenders should be submitted on prescribed tender form to the Dean, College of Technology & Engineering, Maharana Pratap University of Agricultural and Technology, University Campus, Udaipur and should reach on or before **27.12.2011** up to **3:00PM**. Postal delays are no justification for the acceptance of the tender.
2. Tender should be in the name of **Dean, College of Technology & Engineering, MPUAT, Udaipur**, in a sealed cover duly super-scribed as “Tender for supply of **RF SIGNAL GENERATOR-3 GHz** to be opened on **28.12.2011**”.
3. **Tenders have to be quoted in two parts-Technical as well as financial. Technical bid for the items being quoted under same category can be placed in a single envelope but the financial bids must be quoted item wise separately in sealed envelope i.e. separate envelope for each item of a category. For each category, a separate tender form be purchased by the tenderer.**
4. Rates quoted in the tender should remain valid for acceptance for a period of **5 months** from the date of opening of tenders.
5. **Earnest Money** Deposit shall be **2%** of the estimated value of each item, in the form of DD/Pay Order drawn in favour of “**Dean, College of Technology & Engineering, MPUAT, Udaipur**”. Exemption shall be allowed to **SSI Units** duly registered, as per prevailing rules in Govt. of Rajasthan. Tender without earnest money would be rejected.
6. **Specification brochures/catalogue should be enclosed with the technical bid form only.**
7. Equipment to be supplied must have specific warranty period not less than **12 months** after installation.
8. If the material/equipment supplied is not as per prescribed specifications, then the same shall be rejected at the cost of the supplier.
9. The rates should be quoted in the prescribed financial bid form separately for each item in separate envelop mentioning the name of item on the envelop. The rates should be quoted as all Tax (Custom duty charges, Excise duty charges, Octroi and VAT etc.) paid, if extra then mention separately.
10. **The tendered amount should be in Indian Currency i.e. in Rupees only. If equipment is imported, university may open L.C. in favour of the Principal but all the other formalities relating to import (clearing, etc) are to be completed by the successful tenderer at his cost.**
11. **Tenderer must quote his rate FOR destination (mentioned in supply order) including clearing charges, transport and handling charges etc.**
12. **The tenderer should have Custom Bonded Warehouse facilities against our custom exemption certificate for destination at FOR.**
13. **For the tender for supply of equipment/implements, the tenderer should be either a manufacturer or an authorized dealer. In case of authorized dealers he should enclose dealership certificate valid during the period of tender/supply.**
14. The quantity mentioned in the tender for items can be increased or decreased at the discretion of the University.

15. The tenderer should enclose user list along with their postal address and telephone number and should also furnish details of after Sales Service if any provided by the tenderer.
16. The rate quoted should be inclusive of all requisite accessories. The details of accessories are to be clearly mentioned in tender form by the tenderer. The rates of optional accessories if any be quoted separately.
17. The tenderer can avail facilities against our Excise/Custom Exemption certificate.
18. The order will be placed by the Dean, CTAE Udaipur or any other unit officers of the university & the supply is to be made at FOR Indenter Office or as specified in the supply order within the area of MPUAT, Udaipur. Payment will be made by indenting officer after satisfactory supply/installation of the equipment/implement etc.
19. Competent Authority reserves the right to reject any tender in part or full without assigning any reason.
20. Any dispute arising out of this contract shall be subject to the courts having jurisdiction at Udaipur only.
21. The rate tendered for every items/equipment/unit mentioned in tender form will be evaluated separately and tenderer should quote accordingly.
22. Tendered amount should be mentioned in words & figures.
23. **The successful tenderer will have to deposit @ 5% of the order value for the item value upto Rs. 10.00 Lacs and 10% of order value if item value exceeds Rs. 10.00 Lacs as security within a period of seven days from the date of receipt of supply order. The security is to be deposited in the office of purchaser (Indenter). The security deposit will be refunded after the end of guarantee/warranty period.**
24. Equipments/implements which are governed by Dangerous Machinery Regulations Act should be necessarily 'I.S.I.' marked (attach certificate with the Tender) and for other equipments 'I.S.I.' quality certification is desirable. For quality certification in case of equipments, the certificate be enclosed.
25. The tenderer should give on the site demonstration to the satisfaction of the Indenter.
26. **Please enclose details specification with the photographs & literature of the equipment to be supplied.**
27. **The tenderer or his authorized representative should come prepared for technical presentation and demonstration on the date of opening of the tender and may be required to stay next day also.**
28. **Approved rate will be effective up to 31.03.2012 & approved supplier has to execute all the orders received by him/her/them up to 31.03.2012.**
29. **In comparing the rates tendered by firms outside Rajasthan and those in Rajasthan, the element of Rajasthan Sale Tax (VAT) shall be excluded whereas that of Central Sales Tax shall be included.**
30. **Liability on the part of University will arise only when the supply order is issued by the Intending Officer of the University.**

DEAN, College of Technology & Engineering
MPUAT, UDAIPUR

I/We hereby declare that I / We have read carefully all the above mentioned Special Terms & Conditions and I/We agree to confirm these.

SIGNATURE OF THE TENDERER
WITH HIS FIRM'S RUBBER STAMP

DECLARATION BY TENDERERS

I/we declare that I am/We are bonafied Manufacturers/Whole Sellers/Sole Distributors/Authorized dealers/dealers/sole selling agent in the goods/stores/equipments for which I/We have tendered.

If this declaration is found to be incorrect, then without prejudice to any other action that may be taken, my/our security may be forfeited in full and the tender if any to the extent accepted may be cancelled.

Signature of the Tenderer

**COLLEGE OF TECHNOLOGY & ENGINEERING, MPUAT
UDAIPUR-313001**

Short Term Open Tender no.F-MPUAT/CTAE/ACCTS/TENDER/2011-12/7934

DATED 9-12-2011

Name of Item: RF Signal Generator-3GHz

Quantity: One

TECHNICAL SPECIFICATIONS

Specification
Frequency range: 9 KHz to 3 GHz
Frequency Resolution: 0.1 Hz
Switching Speed: < 10 msec
Internal Oscillator Stability: < ±1 ppm/year
Output Power: -127 dBm to +13 dBm with 0.1 dB resolution
Power Accuracy: < ±1dB
VSWR @ 2 GHz: < 1.6
Reversal Power Protection: +36 dBm
Sweep points: 2 to 1001
Modulation Required: AM, FM, PM
LF Output: 0 to 3 Vpeak @ < 1% Resolution
Amplitude Modulation Range: 0 to 100% with 0.1% Resolution
AM Rate: 20 Hz to 20KHz
FM deviation: 20Hz to 100KHz @ < 1% Resolution
PMPhase Deviation: 0 to 10 rad @ rate @ 5KHz 0 to 5 rad @ rate @ 15KHz
External I/Q: Required To use vector modulation capability to modulate customized baseband IP to RF
QPSK EVM : 3%
Connectivity : Atleast one USB at front panel for the data transfer
RF Power Measurement : A USB power sensor should be supported for the RF power measurement.
Power Requirent : 100-240 VAC, 50-60 Hz