

PRASAR BHARATI  
[Broadcasting Corporation of India]  
OFFICE OF THE Addl. Director General(E)(SZ)  
ALL INDIA RADIO & DOORDARSHAN  
Swamy Sivananda Salai, Chennai-600005

NO.ADG(E)(SZ)/PUR/ 41/ MEAQ/2011-12

Date: - 02.09.2011

SUB.: Limited tender FOR SUPPLY OF Directional Wattmeter – 2 nos.

Sealed Limited tenders are hereby invited for and on behalf of the president of India from reputed firms for **Supply of Directional Wattmeter** for measurement purpose in AIR FM Stations.

SI No	Description of stores	Qty	Remarks
1	a) Directional Wattmeter with 10kW and 500W elements for FM Transmitter at All India Radio, Vishakapatnam	1 No	**
	b) Directional wattmeter with 2.5kW, 500W and 50W elements for FM Transmitter at All India Radio, Ananthapur	1 No	
<u>Detailed Technical Specifications Enclosed</u>			

**\*\* CONSIGNEE:** 1. The Dy. Director General(Engg), All India Radio, Vishakapatnam  
2. The Deputy Director(Engg), All India Radio, Ananthapur

1. The tender will be on the basis of two bid system.

(a) **TECHNICAL BID:**

Technical bid should contain the confirmation to the enclosed technical specifications. There will be no mention of price anywhere in the "Technical Bid". This should be submitted in a separate sealed envelope super-scripted with **"TECHNICAL BID"** along with item description.

(b) **COMMERCIAL BID:**

The commercial bid should contain the price bid and acceptance of the commercial terms and conditions of this tender document. The price should be quoted for free delivery of materials at respective destinations. This should be submitted in a separate sealed envelope with **"COMMERCIAL BID"** written on the envelope.

The above mentioned envelopes should be enclosed and submitted in another large size envelope duly sealed and superscribed with "**Tender for supply of Directional Wattmeter and date of opening**". The envelope will be received at this office of The Addl.DG(E)(SZ), AIR & TV, Swamy Sivananda Salai, Chennai-5 up to **1200 hrs. on 23.09.2011**. The technical bid and EMD will be opened on the same day at **1500 hrs.** The commercial bid of **technically qualified** tenders will be opened on **23.09.2011 1500 hrs** or any other suitable date that may be intimated to the bidders.

In case tender opening date falls on a holiday, the bids will be received and opened at the same specified time on next working day. Bids received late or submitted after the scheduled specified time on scheduled date will not be entertained and will be returned back unopened.

2. **EMD:-**

Earnest Money amounting **Rs.8,000/-** (Rupees eight Thousand Only) in the form of Demand Draft on Nationalized Bank drawn in favour of ADG(E)(SZ), AIR & DD, Chennai-5 should accompany along with Technical Bid. EMD by means of Bank guarantee or any other mode of payment other than DD shall not be accepted. Tenders without EMD shall be summarily rejected and their technical cum commercial bid will not be opened at the time of tender opening. **(No exemption for payment of EMD is accepted by this office)**

3. **VALIDITY:**

The tender shall be kept valid for three months **(90 days)** from the date of opening.

4. **PRICES:**

The prices quoted should be firm and for free delivery at site inclusive of transit insurance, excise duty and entry tax and other tax if any should be quoted separately. Tenderers should quote in figures as well as in words the amounts tendered by them. In the case of illiterates, the rates or the amounts tendered should be attested by a witness. Breakup of prices for individual/ whole units should be specified wherever possible instead of bunching all units together.

5. **DUTIES AND TAXES:**

(a) **EXCISE DUTY:**

The prices should contain an element of Excise Duty which should be indicated separately. Any statutory variation in the Excise Duty taking place after acceptance of tender within the delivery date will be adjusted by the purchaser on production of documentary proof.

(b) **SALES TAX/VAT:**

The prices should be exclusive of ST/CST/VAT. The prevailing rate of ST/CST/VAT should be clearly and distinctly mentioned in the tender. The following certificates are to be submitted by the supplier along with the bills.

"Certified that the goods on which the sales tax has been charged have not been exempted under central sales tax act of the rules made thereunder. The amount charged on account of Sales Tax/VAT on these goods is not more than what is payable under provision of the relevant act or the rules made thereunder".

"Certified that we are registered as dealers in the State under registration No. for the purpose of Sales Tax. Any Statutory variation in ST/VAT taking place after acceptance of tender within the delivery date will be adjusted by the purchaser. For this purpose, Government order should be produced".

6. **PAYMENT:** 100 % Payment on receipt of stores in good condition at the destination.
7. **TERMS OF DELIVERY:**  
The units should be delivered to the respective AIR stations.
8. **DELIVERY PERIOD:**  
Tenderer may note that the entire work shall be completed within **3 months** from the date of the supply order.
9. **Return of EMD:**  
EMD of all but the last three tenderer will be returned back within 10 days opening of tenders. EMD of the remaining two tenderer other than that of the successful tenderer will be returned after finalising the tender.
10. Bids should be from actual manufacturers or from their authorized distributors/dealers provided the authorization is valid at the time of bidding. The supplier shall ensure that the required warranty is provided by the OEM. Bids should be from actual manufacturers. Bids from sole selling agents/authorized distributors/Authorized dealers/Authorized contractors can also be considered provided such bids are accompanied with necessary supporting documents/authority letter from concerned actual manufacturers who authorized them to market their products, provided further, such an authority letter is valid at the time bidding. The supplier/contactor shall ensure that the required warranty cover is provided by the original manufacturer of the product.
11. **a) TECHNICAL SPECIFICATION:**  
Technical specification for the equipment is enclosed in the Annexure. The tenderer should submit necessary pamphlets, description of items being offered along with technical bid and also the firms to which similar items were supplied in the near past and completion report.  
**b) PERFORMANCE MEASUREMENTS:**  
One copy of performance measurements taken at the factory before dispatch should be sent to the consignee.  
**c) TECHNICAL MANUAL:**  
Supplier shall furnish comprehensive technical manuals for use by the operation staff. Such manuals shall contain instructions for the preventive as well as routine maintenance of the Equipment
12. **AFTER SALES SERVICE:**  
The Tenderer should give full details of after sales service capability. The locations of service centers across the country shall be indicated. If there are no service centers at/ near the location of the site the tender is likely to be rejected.
13. **INSPECTION:**  
Detailed inspection will be carried out before acceptance of the Equipment.

**14. GUARANTEE :**

The tenderer shall quote a period of guarantee during which the equipment failing due to faulty manufacture shall be replaced free of charge. A minimum guarantee of one year should be given.

**15. PERFORMANCE SECURITY DEPOSIT:** The Security deposit @5% on order value should be deposited by successful bidder in the form of Demand Draft/Bankers Cheque/Bank Guarantee from any National/commercial Bank drawn in favour of "The Addl.DG(E)(SZ),AIR & DD, Chennai-600005" valid for one year from the date of supply.

**16. Liquidated Demurrage:** If the supplier/contractor is unable to complete the supply of stores/execution of work within the stipulated time limit, the indenter may at his own discretion allow such additional time as he may consider justified with or without liquidated demurrages and without altering any other terms and conditions of the order. In the event of the failure of the contractor to complete supply of stores/work within the stipulated time or extended time, the ADG(E)(SZ), AIR&DD, Chennai shall have the right to impose a liquidated demurrages @ 0.5% per week or part thereof of the order value. The contractor's liability for delay however shall not exceed 10% of the ordered/contract value.

**17. ACCEPTANCE/REJECTION OF TENDER:**

The acceptance of a tender will rest with the Addl.DG(E)(SZ), AIR & DD, Chennai-5 who does not bind himself to accept the lowest tender and reserves to himself the authority to reject any or all of the tenders received without assigning any reason.

**18. GENERAL:**

Canvassing in connection with tender is strictly prohibited and the tenders submitted by tenderers who resort to canvassing will be rejected.

Note: The above tender enquiry is also available on the web site:

[www.cesairdd.org.in](http://www.cesairdd.org.in)

<http://tenders.gov.in>

[www.allindiaradio.org](http://www.allindiaradio.org)

Yours faithfully,

(C.MOOKAN)  
Director (E)  
For Addl.DG(Engg)(SZ)

Encl:Technical Specifications

- 1 sheet

## SPECIFICATIONS for Directional Wattmeter

1.	Power Range	FSD depending on the element selected. Meter scale should have 0-25,0-50 & 0-100 markings in steps of 0.5,1 & 2 respectively.
2.	Frequency Range	0.45MHz to 2.3 GHz in several bands depending upon the elements selected
3.	Accuracy	±5% FSD upto 1GHz ±8% FSD upto 1GHz
4.	Insertion loss	0.2db Max
5.	Impedance	50 ohms nominal
6.	Connector	QC N(F)
7	Accessories	N(M) – N(M) Coaxial Cable (0.5m long) – 1 pair
8	Elements	50W – 1 No 50MHz – 125MHz 100W – 1 No 50MHz – 125MHz 500W – 2 Nos 50MHz – 125MHz 2.5kW – 1 No 50MHz – 125MHz 10kW – 1 No 50MHz – 125MHz

### General

1	Operating Temperature	0° to 50° C
2	Humidity	95% RH at 40° C
3	Dimensions	175mm x 130mm x 95 mm (HxWxD)
4	Weight(Approx)	1.5kg