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GOVERNMENT OF INDIA
CENTRAL WATER COMMISSION
LOWER GODAVARI DIVISION
11-4-648, KRISHNA GODAVARI BHAVAN
HYDERABAD-500 004

No. LGD/G-2/2012-13/WL/2562-65

Dated the 27 August, 2012

NOTICE INVITING QUOTATION

Sealed quotations are hereby invited by the undersigned on behalf of the President of India for supply of following items as detailed below. **The quotations should reach in the office of the undersigned on or before 18-09-2012 to 15.00 hrs** and will be opened on the same day i.e. **18-09-2012 at 15.30 hrs** in the presence of quotationers or their authorized representatives, if any.

The undersigned reserves the right to accept or reject any or all the quotations without assigning any reason thereof.

SINo	Particulars of item	Qty.	Unit	Rate (in Rs.)
	15W/100 W HF Transceiver			
1	Transceiver, HF static, 100 w adjustable to 15 configuration-HF2	02	No	
2	Accessories and add-ons for base(30 m RG-217 co-axial cable with connectors	02	No	
3	Frist Microphone	02	No	
4	HF Broad Band Antenna	02	No	
5	Automatic Antenna Tuning unit(ATU) External	02	No	

Terms & Conditions:

1. The quotations duly signed should be properly sealed and dropped in quotation Box in the office of the Executive Engineer, Lower Godavari Division, 11-4-648, KG Bhavan, AC Guards, Hyderabad-500 004. The sealed envelope should be superscribed "**Quotation for wireless sets due on 18-09-2012**".
2. In the event of the date of opening of quotation being a holiday, quotations will be opened on the next working day with timings unchanged.
3. Quotationers must have PAN/TIN/Service Tax number/VAT.
4. The pamphlets / brochures may be submitted along with the quotation.
5. The undersigned does not bind him to accept the lowest quotation and reserve the right to accept or reject any or all the quotations without assigning any reason thereof.
6. The material must be of standard quality and as per specifications and free from all defects. The material if found defective subsequently or not conforming to the specifications as stated above, have to be replaced by the firm without any additional charges.
7. The material shall have a warranty of minimum one year from the date of supply.
8. Material should be delivered at office of the Executive Engineer, Lower Godavari Division, 6-4-648, KG Bhavan, AC Guards, Hyderabad-500 004 only.
9. The quantity of materials may be increased or decreased at the time of supply order.

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10. Material should be supplied within **45 days** from the date of issue of supply order.
11. The rates should be F.O.R. destination at Office of Executive Engineer, Lower Godavari Division, 6-4-648, KG Bhavan, AC Guards, Hyderabad-500 004 and inclusive of all duties and taxes. All Transport charges/insurance etc. payable by the supplier/contractor under the contract shall be included in the total price.
12. Rates quoted should be valid at least for **90 days** from the date of opening.
13. The rate should be quoted both in words and in figures. All the eraser mistakes, overwriting should be duly attested or else the quotation will be disqualified altogether.
14. The payment will be made by account payee cheque for local supplier or by Demand Draft for outstation supplier on production of pre-receipted bill in triplicate only after satisfactory supply of the materials in good condition and as per specification.
15. TDS shall be deducted from the bill at the time of payment as per latest Govt. orders.
16. Performance Security @ the rate of 5% of the total amount will have to be deposited within 15 days from the date of issue of the supply order by the successful bidder and the same will be released after 30 days beyond the completion of warranty period. However this condition may not be applicable for KB/NCCF or similar Co-op/Govt stores.


Executive Engineer
LGD, CWC, Hyderabad

Copy to:

1. The Superintending Engineer, Godavari Circle, CWC, Hyderabad w.r.t letter No 6/1/FF/2008-09/GC (Tech)/446 dated 08-08-2012.
2. The Accounts Branch, LGD, CWC, Hyderabad with the request to present at the time of opening of quotation.
3. Smt. K. Rekha Rani AD, O/o CE, KGBO for Keeping on KGBO web site.
4. Shri M.Ravi SDE, O/o SE, Godavari Circle, CWC, Hyderabad for keeping on CPPP.

HF TRANSCEIVER

Purpose

The HF transceiver will be used for verbal dissemination of Hydrological data.

Technical Data

A. GENERAL

Sl.No	Parameters	Characteritics
1	Freq. Range	1.6 to 29.9999 MHz
2	No. of Channel	100 Channels
3	Channel Spacing	10 Hz
4	Freq. Stability	+/-1 PPM
5	Freq. Control	DDS (Direct Digital Synthesiser)
6	Mode of Operation	SSB (LSB, USB) Compatible AM, CW/MCW
7	Roles	Fixed/Transportable/Mobile
8	Antenna Impedance	50 Ohms Normal
9	External Speaker	Socket for external speaker provided
10	Protection	Reverse Polarity Protection Provided
11	Power Supply	12 VDC +/- 10%
12	Cooling	Air cooling facility provided in the set

B. TRANSMITTER

1	RF Outfit	15 W/100 W +/- 0.5 dB
2	Harmonics Suppression	Better than 40 dB
3	Spurious & Harmonics Suppression	Better than 40 dB
4	Suppression of carrier & unwanted sideband	40 dB for 15 W, 50 dB for 100W
5	Audio Response	Within 6 dB from 300 Hz to 3000 Hz
6	Keying Speed	25 wpm, 300 bauds for packet modem
7	Intermodulation	31 dB
8	Side Tone Level	0.2 mV into 4 Ohms

C. RECEIVER

1	Sensitivity	0.25 micron volt 10 dB (S+N) at 1 KHz in MCW Freq. at MCW Frequency SSB: 0.25 micro volt for 10 dB (S+N)/N AT 1 kHz. AM compatible: 1 microvolt 50% Modulated at 1 kHz for 10 dB (S+N)/N
2	Selectivity	CW: For 6 dB better than 300 Hz For 60 dB better than 2.5 kHz MCW: For 6 dB better than 2.4 kHz For 60 dB better than 4.8 kHz SSB: For 6 dB better than 2.4 kHz For 60 dB better than 4.8 kHz
4	Image Rejection	More than 70 dB

5	I.F.Rejection	Better than 60 dB
6	AGC	Audio output variation less than 6 dB for 100 dB level variation in the input RF signal
7	Audio Response	Within +/- 6 dB from 300 Hz to 2700 Hz with 1 kHz as reference
8	Audio output	1 W across loud speaker of 4 Ohms
9	Audio Distortion	Less than 5% at 1 Khz CW/SSB/Am
D. <u>POWER SUPPLY: 12 V +/- 10%</u> <u>OTHER FEATURES</u> 0.1 Front Panel Programming 0.2 Selcall facility 0.3 Scanning 0.4 Can be used as Manpack		
<u>E.ENVIRONMENT</u> 1.Operating Temperature: (-) 10°C to +55°C 2.Relative Humidity: 95% max. at +40°C		