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

No. LGD/C-4/2012-13/H/ 3851-53

Dated the 19<sup>th</sup> November, 2012

**NOTICE INVITING QUOTATION**

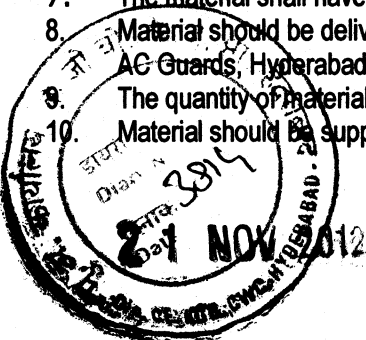
Sealed quotations are hereby invited by the undersigned on behalf of the President of India for supply of following items as detailed below. **The quotations should reach in the office of the undersigned on or before 12-12-2012 upto 15.00 hrs** and will be opened on the same day i.e **12-12-2012 at 15.30 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.)
1	Portable Echosounder of branded & good quality for measuring water depth at rivers Specifications (enclosed separately in annexure)	03	Nos	

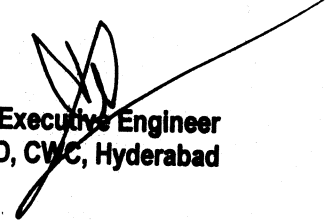
**Terms & Conditions:**

- The quotations duly signed should be properly sealed and dropped in quotation Box in the office of the Executive Engineer, Lower Godavari Division, 6-4-648, KG Bhavan, AC Guards, Hyderabad-500 004. The sealed envelope should be superscribed "**Quotation for Echo sounders due on 12-12-2012**".
- 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.
- Quotationers must have PAN/TIN/Service Tax number/VAT.
- The pamphlets / brochures may be submitted along with the quotation.
- The undersigned does not bind himself to accept the lowest quotation and reserve the right to accept or reject any or all the quotations without assigning any reason thereof.
- 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.
- The material shall have a warranty of minimum one year from the date of supply.
- Material should be delivered at office of the Executive Engineer, Lower Godavari Division, 6-4-648, KG Bhavan, AC Guards, Hyderabad-500 004 only.
- The quantity of materials may be increased or decreased at the time of supply order.
- Material should be supplied within 30 days from the date of issue of supply order.



Handwritten notes and signatures on the left margin, including dates like 21-11 and 24-11, and initials like 'S', 'D', 'R', 'M', 'JCT'.

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, taxes(excluding VAT/CST and octroi) , transport charges/insurance etc. payable by the supplier/contractor under the contract shall be included in the total price. Octroi exemption certificate, if necessary, will be issued by this office. The CST/VAT, if any, may be indicated in the quotation as this will not be considered in comparison of quotations.
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 for information and for keeping on CPPP please .
- ✓ 2. The Deputy Director, O/o CE, KGBO for Keeping on KGBO web site.
3. The Accounts Branch, LGD, CWC, Hyderabad with the request to present at the time of opening of quotation.

## ECHOSOUNDER

### Purpose

The portable echo-sounder specified here is an alternative for manual depth measurement at gauging stations. It will be used during discharge measurements from a boat.

### Conditions & Requirements

The portable echo-sounder shall be of such a design that it operates reliably and accurately under the prevailing environmental conditions.

The echo-sounder will be used in sediment laden rivers and canals.

The echo-sounder shall be easy to operate and maintain.

The echo-sounder shall be supplied with the accessories as needed for effective deployment.

All materials on the echo-sounder exterior shall be non-corrosive.

The echo-sounder shall have an expected technical lifetime of not less than 10 years.

The echo-sounder shall be capable to operate for at least 6 months without any servicing.

An operator's manual, related to the type and model of the echo-sounder, shall be part of the delivery.

Actual water depth shall be digitally presented.

The power supply shall be from batteries, e.g. internal alkaline batteries and/or external car battery.

Power consumption shall be moderate.

The displayed value shall not depend on supply voltage.

The indicated range shall be distance to the bottom. Hence, the echo-sounder should suppress echoes from the water surface (backward sensitivity) and also the result of multiple echoes should be suppressed.

The echo-sounder shall have adjustment facilities for draft, speed of sound, sensitivity and range.

The echo-sounder shall have a good performance in sediment laden rivers and canals.

An in-built chart recorder is not required.

Optionally, the echo-sounder may display water depth on a LCD screen in graphical format.

### Specifications

The purchaser may execute his judicious discretion in the choice of configuration and options.

Depth range up to 50 m (selectable)

Acoustic frequency approx. 200 kHz

Transducer beam width narrow beam (approx. 8°)

Transducer cable length minimum 10 m

Accuracy = 0.2% of range unit of range m

Resolution of display 0.10m or better

Power supply 10 to 15 VDC, reverse polarity protected

Display LCD, optionally with graphic trace

Good readability in direct sunlight

Enclosure and connectors compliant with IP55

Operating temperature 0° to 50 °C

Operating humidity 100%

#### Accessories

Charger for car battery