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No. UGD/JE-HQS/T- 4/2012-13/565-70  
Government of India/भारत सरकार  
Central Water Commission/केंद्रीय जल आयोग  
Upper Godavari Division/उपरी गोदावरी मंडल

Krishna Godavari Bhavan  
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Hyderabad-500004  
कृष्णा गोदावरी भवन,  
म. सं. 11.4.648, 3 तल,  
ए.सी.गार्ड्स हैदराबाद : 500 004  
Date: 3-10-2012

To

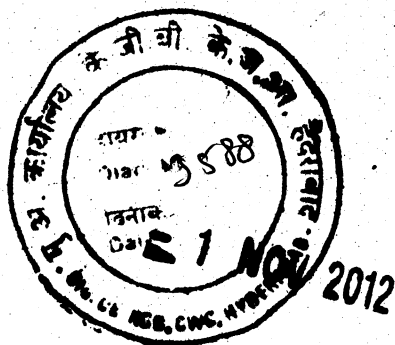
Subject:- Quotation for supply of Navigational Equipment – 5.5 m FRP Boat – Reg.

Sealed quotations are invited for Supplying of the following material so as to reach the office of the undersigned by 1430 hours on 26-11-2012. The quotations will be opened on the same day at 1500 hours in the presence of quotationers or their authorised representative.

S.No.	Description	Quantity
1	FRP BOAT 5.5 m – with Boat outfit (for Site-Saigaon) (as per the specification enclosed)	1 no.

**TERMS AND CONDITIONS:**

- 1 The envelope containing quotations should be super-scribed as "Quotation for supply of Navigational Equipment – (5.5 m) FRP Boat". Date of opening : 26-11-2012.
- 2 Rates quoted should be f.o.r. Hyderabad including packing, forwarding and all risks during transit.
- 3 Rates may be quoted both in figures & words. In case of dispute rates quoted in words shall be taken as final.
- 4 Taxes chargeable if any should be mentioned separately.
- 5 The minimum period of validity of the rate quoted may be kept open invariably for (2) two months from the date of opening of quotations. In case the validity is not indicated it will be taken as (2)two months.
- 6 Alterations, over-writings if any on the quotations should be attested, without which the quotation is likely to become invalid.
- 7 Material is required to be supplied strictly in accordance with the standard specifications.
- 8 Material is required to be supplied with Manufacturer's Guaranty/Warranty period.
- 9 The under-signed reserves the right to reject any one or all the quotations without assigning any reason.
- 10 The under-signed reserves the right to increase or decrease the quantity indicated.



- 11 Payment will be made by Cheque on State Bank of India, Red Hills, Hyderabad after receipt of the materials in full and good condition.
- 12 The rates should be f.o.r CWC- Site-51, Saigaon, Village & Post - Saigaon, Taluq-Bhalki, Bidar Dist.(Karnataka state) – Pin No.585431 including packing & forwarding /delivery and all risks during transit.



(G.RAMBABU)  
Executive Engineer  
अधिकासी अमियता

Upper Godavari Division

Copy to:-

- 1 The Superintending Engineer, Godavari Circle, CWC, Hyderabad requesting for uploading the same to CPP Portal.
- ✓ 2 Smt. Rekha Rani, AD O/o the CE, KGBO, CWC, Hyderabad for uploading the same in KGBO Web site.
- 3 The Sub-divisional Engineer, MSD, CWC, Nizamabad
- 4 Accounts Branch, Division Office.
- 5 Quotation file.
- 6 Notice board.



**FRP BOAT (5.5 m)****Specifications**

<b>Boat</b>	
Length	approx. 5.5 m
Width	approx. 2 m
Draft	approx. 0.5 m
Free board	approx. 0.6 m
Bottom shape	slightly catamaran
Carrying Capacity	1000 kg (approx.)

**Boat Outfit**

Anchor and current	matching to the boat specifications, fitted with chain and rope for water depth of 20 m
Fenders	Velocity of 5 m/s
Oars	4 of Coir type
	4 for rowing (with rings)

**Provisions/Requirements:**

- The FRP boat shall be of such a design that it operates reliably and safely under the prevailing environmental and hydraulic conditions.
- The boat shall be capable to operate in shallow water where repeatedly the hull may impact with rock or sediment.
- All materials on the boat exterior and on wet spots inside the boat shall be non-corrosive.
- The boat shall be very sturdy, unsinkable, and shall have an adequate stability.
- The boat shall be easy to operate and maintain.
- The boat shall have an expected technical lifetime of not less than 10 years.
- The boat shall be capable to operate for at least 6 months without any major servicing.
- The boat shall have floatation chambers filled with closed cell foam.
- The boat shall be provided with appropriate fenders.
- The boat shall have sitting benches incorporated in the hull.
- On deck adequate workspace (at least 1.8 X 2.5 sq.m) should be provided to carry out hydrological measurements.
- The boat shall be supplied with the accessories as needed for effective deployment.
- The break water arrangement shall be provided in the front.
- Guard-rail and stanchions with detachable chain will be rigged out around the deck-opening. Suitable guard-rails should also be provided around the deck.
- Bollards and fairleads are to be provided on the deck for mooring purpose.
- A maintenance manual, related to the type and model of the FRP boat, shall be part of the delivery.
- The boat shall have arrangements to fix to the wire rope of the cable tower.
- The Boat shall have Mild Steel Winch arrangement with some local reinforcements and/or supports for suspension of Hydrological Measuring Equipment such as Current Meters, fish weights, Water Quality/Silt Sampler equipments, depth measuring instrument etc.

**Remarks**

Arrangements shall exist for mounting the boat outfit (bracket) and for dropping of the anchor to keep the boat stationary, during flow measurements.