



Andhra Pradesh
Inland Waterways Authority
(Government of AP)

4th Floor, Anish Legacy, House No.12-455/ B, Ward No.12, Tadepalli Guntur District - 522501
Email: info.inlandwaterways@gmail.com

FILE No:20/APIW/Hydro/2022-23/2

Dt: 20.10.2023

NOTICE INVITING QUOTATION NO. APIWA/HY/2023/1

- 1) Andhra Pradesh Inland Waterways (APIWA) invites quotations for hiring of the following Survey equipment's for conducting Longitudinal Hydrographic Surveys at Different location in Andhra Pradesh. (1. Gandi-pochamma (near Rajamahendram to Papikondalu) and Pochvaram to Papikondau on Godavari River.2 Mylavaram dam to Gandikota-in Kadapa District.)
 - a) Boat/ Zodiac with OBM.
 - b) Echo sounder – Bathy 500 DF (Recordable).
 - c) DGPS/ RTK with sub meter accuracy.
 - d) Laptop with Navigation software (Hypack)
 - e) Bar check/ sounding pole
 - f) 2 nos of manual tide gauges
 - g) Auto Level with stand & Levelling staff.
 - h) 2 no of 12v Batteries with UPS.
 - i) Water current meter.
- 2) Bidders are requested to please go through the conditions/specifications in **Annexure A** attached herewith and bid your quotation in the format provided in **Annexure B** with competitive market price.
- 3) Bidders should submit their quotation in sealed envelopes to AP Inland Waterways Authority office latest by 3 PM on 26.10.2023, at the following address.

The Chief Executive Officer,
AP Inland Waterways Authority
Anish Legacy Legacy” House No.12-455/B
Bypass Road, Ward No.12
Tadepalli Guntur Dist-522501.

For Andhra Pradesh Inland Waterways Authority.

Authorised Signatory.

Supply Requirements

APIWA desires to hire instruments /equipment's with following specifications:

Hire period: Total 4 days. (3days at. Gandhi-pochamma (near Rajamahendram to Papikondalu and Pochvaram to Papikondau on Godavari River, and 1 day at Mylavaram dam to Gandikota-in Kadapa District.

Pochavaram to Bhadrachalam and 1 day at Mylavaram dam to Gandikota.)

Boat Requirements:

- a. Inflatable boat / FRP with OBM 10HP capacity having space to sitting arrangements for 4 people and also have space for survey instruments.
- b. Speed - 4 to 5 Knots
- c. Boat should be having required lifesaving equipment's.

Instruments Required:

- a. Echo sounder – Dual Frequency Bathy 500 DF echo sounder with chart recorder and having range of measurements 1 to 500m with a depth resolution of 1cm and measuring accuracy of $\pm 0.1\%$.
- b. Bar check plate for calibration of echo sounder should be with 10m measurement rope.
- c. 12v charged battery to run 8 hrs in a day.
- d. DGPS – DGPS should give position with sub meter accuracy working with corrections received from Beacon, L-band, WAAS/ EGNOS or external corrections unit.
- e. High configured survey Laptop with Hypack software.
- f. 12v charged battery with inverter.
- g. Auto Level with stand & Levelling staff.
- h. 2 Nos of manual tide poles marked in meters and decimetre.
- i. Water current meter to measure water velocity at 1m below water surface.

Terms and conditions:

- a. The supply should be as per request. Please do mention the rates inclusive of all taxes and charges in your quote. No extra charges will be paid if the same is not specified in the quote. Payment will be made against submission of invoice through either RTGS or Cheque.
- b. Instruments to be handed over and taken over at our office address given below:
Andhra Pradesh Inland Waterways Authority
“Anish Legacy” House No.12-455/B
Bypass Road, Ward No.12, Tadepalli Guntur District.
- c. Instruments delivery should be within 2 or 3 days from the issuance of supply order
- d. Invoice should be raised on: Andhra Pradesh Inland Waterways Authority

<On Vendor's Letter Head>

Quotation

To

The Chief Executive Officer,
AP Inland Waterways Authority
“Anish Legacy” House No.12-455/B
Bypass Road, Ward No.12
Tadepalli Guntur District

Sub: Quotation for per day hiring of “Boat and Bathymetric Survey Equipment” for Carrying out Bathymetric survey at different locations in Andhra Pradesh for AP IWA – Reg.

Ref: Your letter number

S.No	Item Description	Day Rate (Rs)
1	Boat/ Zodiac with OBM	
2	Echo sounder	
3	DGPS/ RTK	
4	Laptop with Navigation software	
5	Bar check/ sounding pole	
6	2 nos of manual tide gauges	
7	Auto Level with stand & Levelling staff	
8	2 no of 12v Batteries with UPS	
9	Water Current meter	
10	Processing and printing (A0 size charts)-3 copies	
	Add Gst @ 18%	
	Total Value	

Sign & Stamp