

**NATIONAL COMPETITIVE BIDDING FOR THE SUPPLY & INSTALLATION OF AIS EQUIPMENT  
ON NW-1 UNDER JMVP– II (Arth Ganga)**

Tender ID: 2022_JMVP_683437_1		* Date of Pre-bid Meeting 26.4.2020 at 1500 Hrs		
IFB No: IN-IWAI-270123-GO-RFB		Response to Pre-bid queries		
Sr. No.	Section no, Clause sub clause no. and page no of tender	Tender clause Description	Query/ Suggestions/clarification sought	IWAI's Response
1.	(Page no 76 - Section VII - Schedule of Requirements	Technical Specification of AIS Equipment)	The current specification provided for AIS Equipment seems to be more of a specific brand - Em - trak. We kindly request to provide a open or generic product specification so that we can choose from the varied available products in the market. -	Modified as Annex-1.
2.	Clause no. GCC 16.1 – (c) - Supervision Charges etc	The supervision charges and the to-and-fro travel charges shall be paid for the actual person days deployed and actual number of visits undertaken by the supervisor(s) within thirty (30) days of receipt of claim.	It is kindly requested to consider such payments by IWAI and contractors must not be burden with such cost.	The clause GCC 16.1 (c) may be read as; “The supervision charges and to-and-fro travel charges shall be borne by the contractor during warranty and CAMC period and shall be included in the price quoted by the bidder”
3.	Clause no. GCC 16.1-(d) Reimbursement of Taxes	Reimbursement of Local Taxes such as GST and other similar taxes, to the extent applicable, will be at actuals based on documentary evidence of payment within 30 days of submission of bill with documents.	Since GST is applicable we don't see any reason for such clauses as everything can be monitored through GST No and through online portal and hence kindly requested to expunge or re consider the clause.	No changes. Tender condition shall prevail.
4.	Page No. 80 -	List of Goods and Delivery Schedule	Installation of AIS Equipment and re - rewiring to additional 21 vessel for making existing AIS working in stand-alone operation for 08 hours backup:- Since the system	No change in BoQ. The bidders shall quote Rs 0.00 against Item No-5 of BoQ. Price quoted if any by bidder against Item No-5, shall be treated

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			<p>has been supplied and installed by one of the existing contractor it is            Kindly requested that this part must be removed from the BoQ. It will not be possible for a new contractor to do the re-wiring of the existing system and at the same time ensuring the functionality of the system. This can be done by the existing contractor only and does leave any scope for other bidders to provide any quote for the same.</p>	<p>as Nil for bid evaluation.</p>
5	<p>Page 76 – Section VII – Schedule of Requirements – Technical Specification of AIS Equipment</p>	<p>Technical Specification of AIS Equipment)</p>	<p>The given specification points towards a specific make/model and are not Generic. see comments on attached word file with latest data on AIS transponders for Inland boats.[ Display of 5 inch is a old and bygone stuff for these transponders, now is minimum 17" display with ENC capability; C Map Charts is a closed format based on ENC but system is not open and can not get ENC from external source.; Why do we need Radar Overlay is not clear as that is not a general requirement of Inland AIS etc.]</p>	<p>Refer S.No-1 above</p>
6	<p>Clause no. GCC 16.1 - (c) - Supervision Charges etc</p>	<p>The supervision charges and the to-and-fro travel charges shall be paid for the actual person days deployed and actual number of visits undertaken by the supervisor(s) within thirty (30) days of receipt of claim.</p>	<p>We request you to advice places of installation for number of AIS transponders to calculate travel/ lodging /boarding coasts and engineer days for estimation purpose and same shall be payable by IWAI</p>	<p>Places of installation:-            1. Kolkata/Farakka/Sahibganj            2. Patna/Varanasi</p>
7	<p>Clause no. GCC 16.1 - (d) - Reimbursement of Taxes</p>	<p>Reimbursement of Local Taxes such as GST and other similar taxes, to the extent applicable,</p>	<p>Taxes - Shall be paid by IWAI on bills quickly as GST becomes due on generating invoice and has to be paid, GST receipts of</p>	<p>No changes. Tender condition shall prevail.</p>

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		will be at actuals based on documentary evidence of payment within 30 days of submission of bill with documents.	payments can be seen online later.	
8	Page No. 80 -	List of Goods and Delivery Schedule	Installation of AIS Equipment and re -rewiring to additional 21 vessel for making existing AIS working in standalone operation for 08 hours backup:- Seems these AIS transponders are supplied by other vendor and are existing, Any rewiring or relocating, re-programming for standby etc shall be done by existing vendor as we will not be in position to undertake any damage repairs etc. Kindly remove this from scope and get this part done by existing contractor.	Refer S.No-4 above
9	Page No. 81	SECTION VII – SCHEDULE OF REQUIREMENTS Pre-Supply Requirement: -	WPC License - We will do all paperwork & procedure for license however IWAI should assist for WPC License and make fee payments direct to WPC	The spectrum charges will be paid by IWAI. However, submission of online application and liaising with WPC/MMD for submission and facilitating in submission clarification will be done by contractor.

**Automatic Identification System (AIS) Transponder Inland Class – A**

<b>Existing</b>	<b>Amendments</b>
• Operating Voltage: 12 to 24 VDC	Amended as 12-32 V.
• Dual NMEA0183 AND NMEA2000/ RS232 Interface	Tender condition prevails.
• Operating Temperature: -25° C to +55° C	Amended as operating temperature minimum-15° and maximum +55 ° C
• Power consumption < 12W	Amended to ≤ 12 W
• Frequency 161.975 Mhz & 162.025 Mhz.	Should be within Short Range VHF limit
• Water and weatherproof – with standard certification	IP-67 or better
• Integrated HD colour display	Amended as Integrated colour display with mounting facilities
• Wide screen with mount fitting accessories	≥ 5 inch
• Full ENC chart operation	Should be capable of utilizing ENC/ Inland ENC charts. Chart loading facility should be available.
• Functionality that includes detailed charting with AIS target overlay, simple AIS radar display, multiple AIS target filters, alarm management and MOB tracking to name just a few.	Functionality that includes detailed charting with AIS target overlay, multiple AIS target filters, alarm management and MOB tracking
• SD card interface- micro SD card interface	Amended as micro SD card /USB slot
• System supported- GPS, GLONASS, BeiDou, Galileo	The unit shall be capable of supporting any one of GPS/GLONASS/BeiDou/Galileo
General specification (Addition) The information provided by the AIS should include	<b>1. Static:</b> <ul style="list-style-type: none"> <li>• IMO number (where available)</li> <li>• Call sign &amp; name</li> <li>• Length and beam</li> <li>• Type of ship</li> <li>• Location of position-fixing antenna on the ship (aft of bow and port or starboard of centerline)</li> </ul>

<b>Existing</b>	<b>Amendments</b>
	<p><b>2. Dynamic:</b></p> <ul style="list-style-type: none"> <li>• Ship’s position with accuracy indication and integrity status</li> <li>• Time in UTC</li> <li>• Course over ground</li> <li>• Speed over ground</li> <li>• Heading</li> <li>• Navigational status (e.g. NUC, at anchor, etc. – manual input)</li> <li>• Rate of turn (where available)</li> <li>• Optional- Angle of heel (where available)</li> <li>• Optional – Pitch and roll (where available)</li> </ul> <p><b>3. Voyage related:</b></p> <ul style="list-style-type: none"> <li>• Ship’s draught</li> <li>• Hazardous cargo (type)</li> <li>• Destination and ETA (at masters discretion)</li> <li>• Optional- Route Plan (waypoints)</li> </ul> <p><b>4. Short safety-related messages</b></p>