

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

IFB No. :- IN-IWAI-270123-GO-RFB

Tender ID No. :- 2022_JMVP_683437_1

Amendment – 3 (Triggered due to pre bid responses)

This amendment forms an integral part of the Bid Document issued on 11th April, 2022

Sr. No.	Section no, Clause sub clause no. and page no of tender	Existing Tender clause	Amended Tender clause												
1.	ITB 19.3 (page-40)	The amount of the Bid security shall be: Rs 1,50,497/- lakhs	The amount of the Bid Security shall be: Rs. 1,42,097/- (Rupees one lakhs forty two thousand ninety seven only)												
2.	Qualification (ITB 32) (Page-47)	<p>1.1 Qualification Criteria (ITB 32.1)</p> <p>The Purchaser shall assess each Bid against the following Qualification Criteria. Requirements not included in the text below shall not be used in the evaluation of the Bidder’s qualifications.</p> <p>A. If the Bidder is a manufacturer:</p> <p>(a) Financial Capability</p> <p>Minimum average annual financial turnover during the last three (3) years, ending 31st March of the previous financial, should be Rs. 22,57,458.00</p> <p>Bidders shall submit Form FIN 3.2, Section IV: Bidding Forms duly certified by a Statutory Auditor/ Chartered Accountant (CA).</p> <p>(b) Experience and Technical Capacity</p> <p>The Bidder shall furnish documentary evidence to demonstrate that it meets the following experience requirement(s) during the last 07 years: (i.e. 2013-14 to 2020-21)</p> <table border="1" style="margin-left: auto; margin-right: auto;"> <thead> <tr> <th style="text-align: center;">1 similar work (in ₹)</th> <th style="text-align: center;">2 similar works (in ₹)</th> <th style="text-align: center;">3 similar works (in ₹)</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">60,19,887.00</td> <td style="text-align: center;">37,62,429.00</td> <td style="text-align: center;">30,09,943.00</td> </tr> </tbody> </table>	1 similar work (in ₹)	2 similar works (in ₹)	3 similar works (in ₹)	60,19,887.00	37,62,429.00	30,09,943.00	<p>1.1 Qualification Criteria (ITB 32.1)</p> <p>The Purchaser shall assess each Bid against the following Qualification Criteria. Requirements not included in the text below shall not be used in the evaluation of the Bidder’s qualifications.</p> <p>A. If the Bidder is a manufacturer:</p> <p>(a) Financial Capability</p> <p>Minimum average annual financial turnover during the last three (3) years, ending 31st March of the previous financial, should be Rs. 21,31,458.00</p> <p>Bidders shall submit Form FIN 3.2, Section IV: Bidding Forms duly certified by a Statutory Auditor/ Chartered Accountant (CA).</p> <p>(b) Experience and Technical Capacity</p> <p>The Bidder shall furnish documentary evidence to demonstrate that it meets the following experience requirement(s) during the last 07 years: (i.e. 2013-14 to 2020-21)</p> <table border="1" style="margin-left: auto; margin-right: auto;"> <thead> <tr> <th style="text-align: center;">1 similar work (in ₹)</th> <th style="text-align: center;">2 similar works (in ₹)</th> <th style="text-align: center;">3 similar works (in ₹)</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">56, 83,887.00</td> <td style="text-align: center;">35,52,429.00</td> <td style="text-align: center;">28,41,943.00</td> </tr> </tbody> </table> <p>Similar works means supply and installation of Marine Equipment.</p> <p>(c) The Bidder shall furnish documentary evidence to demonstrate</p>	1 similar work (in ₹)	2 similar works (in ₹)	3 similar works (in ₹)	56, 83,887.00	35,52,429.00	28,41,943.00
1 similar work (in ₹)	2 similar works (in ₹)	3 similar works (in ₹)													
60,19,887.00	37,62,429.00	30,09,943.00													
1 similar work (in ₹)	2 similar works (in ₹)	3 similar works (in ₹)													
56, 83,887.00	35,52,429.00	28,41,943.00													

Sr. No.	Section no, Clause sub clause no. and page no of tender	Existing Tender clause	Amended Tender clause
		<p>Similar works means supply and installation of Marine Equipment.</p> <p>(c) The Bidder shall furnish documentary evidence to demonstrate that the Goods it offers meet the following usage requirement: As stated in the Technical Specifications / Schedule of Requirements.</p> <p>.(d) The Bidder must furnish details of supplies made by him in the last seven years in proforma attached in Section IV</p>	<p>that the Goods it offers meet the following usage requirement: As stated in the Technical Specifications / Schedule of Requirements.</p> <p>(d) The Bidder must furnish details of supplies made by him in the last seven years in proforma attached in Section IV</p>
3.	<p>Liquid Assets</p> <p>1.1 Qualification Criteria (ITB 32.1) C page 47</p>	<p>The Bidder shall demonstrate that it has access to, or has available, liquid assets, unencumbered real assets, lines of credit, and other financial means (independent of any contractual advance payment) sufficient to meet the cash flow requirements (Form FIN 3.1 (A), Section IV: Bidding Forms) estimated as Rs. 22,57,458 for the subject contract(s) net of the Bidders other commitments.</p>	<p>The Bidder shall demonstrate that it has access to, or has available, liquid assets, unencumbered real assets, lines of credit, and other financial means (independent of any contractual advance payment) sufficient to meet the cash flow requirements (Form FIN 3.1 (A), Section IV: Bidding Forms) estimated as Rs. 21,31,458.00 for the subject contract(s) net of the Bidders other commitments.</p>
4.	<p>ITB 19.3 (page-40)</p>	<p>The amount of the Bid security shall be: Rs 1,50,497/- lakhs</p>	<p>The amount of the Bid Security shall be: Rs. 1,42,097/- (Rupees one lakhs forty two thousand ninty seven only)</p>
5.	<p>Section VII - Schedule of Requirements (Page no 76)</p>	<p>Technical Specification of AIS Equipment</p>	<p>Modified as Annex-1.</p>
6.	<p>SECTION VII – SCHEDULE OF REQUIREMENTS</p> <p>Pre-Supply Requirement (Page No. 76)</p>	<p>AIS works on frequency issued by WPC Wing of Ministry of Communication. The successful bidder shall be authorized to fill online application for obtaining frequency allocation. The application fee & royalty fee shall be payable by Authority. However, the same needs to be followed up with WPC by the successful bidder.</p>	<p>AIS works on frequency issued by WPC Wing of Ministry of Communication. The successful bidder shall be authorized to fill online application for obtaining frequency allocation. The application fee & royalty fee shall be payable by Authority. However, the same needs to be followed up with WPC by the successful bidder.</p> <p>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.</p>
7.	<p>List of Goods and Delivery Schedule (Page No. 80)</p>	<p>Installation of AIS Equipment and re -rewiring to additional 21 vessel for making existing AIS working in stand-alone operation for 08 hours backup.</p>	<p>Installation of AIS Equipment and re -rewiring to additional 21 vessel for making existing AIS working in stand-alone operation for 08 hours backup is deleted from scope as such Item No. 5 of BOQ is deleted as such price quoted if any by bidder against S. No-5, shall be treated as Nil and accordingly, the price bid shall be evaluated.</p>

Sr. No.	Section no, Clause sub clause no. and page no of tender	Existing Tender clause	Amended Tender clause
8.	<p>Clause no. GCC 16.1 – (c) - Supervision Charges etc.</p> <p>(Page no 116)</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>The supervision charges, the to-and-fro travel charges and field visit charges will be borne by Contractor during warranty and CAMC period and are deemed to be included in the price quoted by the bidder.</p> <p>The following are the places for installation</p> <ol style="list-style-type: none"> 1. Kolkata/Farakka/Sahibganj 2. Patna/Varanasi 3. Guwahati/Neamati/Dhubri 4. Kochi

Automatic Identification System (AIS) Transponder Inland Class – A

Existing	Amendments
• 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	1. Static: <ul style="list-style-type: none"> • IMO number (where available) • Call sign & name • Length and beam • Type of ship • Location of position-fixing antenna on the ship (aft of bow and port or starboard of centerline) 2. Dynamic: <ul style="list-style-type: none"> • Ship's position with accuracy indication and integrity status

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