

Sub:O&M and CAMC of RIS phase I seven base stations and CAMC of RIS equipment on board 30 IWAI vessels-reg

IWAI tender ref. no. IWAI/HY/1(1)/RIS-I/2020-21/R dated 14.07.2021

Pre-bid queries – IWAI Response

Sr. No.	Reference	Description in tender	Question	IWAI response
1.	Clause No. 2.4 - Qualification Requirements, Key Personnel, Page 36	RIS Manager minimum years of experience is 5 years.	Arranging RIS Manager with experience of 5 years and IALA qualification is very difficult as the qualified person to this extent may not remain in RIS remote sites. Hence, we would request for relaxing the experience and qualification. Would it suffice if the manager is a degree holder in electronics & communication engineering who has experience in manning AIS station.	<i>The manager shall be a degree holder in electronic & communication engineering duly trained by OEM covering necessary subject of VTS & AIS equipment and associated software.</i>
2.	Clause No. 2.4 - Qualification Requirements, Page 36	The Manager shall be V103/1 qualified and B. Tech / Diploma in Electronic & Communication / Electrical / Communication engineering duly trained by OEM covering necessary subject of VTS & AIS equipment and associated software.	Getting a V-103/1 qualified manager to work in remote RIS sites would not be possible. Would it suffice if the following criteria for manager post is fulfilled? The manager shall be a degree holder in electronic and communication engineering duly trained by OEM covering necessary subject of VTS & AIS equipment and associated software who will be subsequently trained by qualified trainer/engineer approved by competent authority.	<i>The Manager shall be V103/1 certificate holder or trained by IALA certificate holder.</i>
3.	Clause No. 2.4 - Qualification Requirements, Page 36	Operator shall be Diploma Electronic & Communication /Electrical / Communication engineering or Ex. Petty	Getting a V-103/1 qualified operator to work in remote RIS sites would not be possible.	<i>Operator shall be diploma holder in electronics & communication engineering or Ex. Petty</i>

Sr. No.	Reference	Description in tender	Question	IWAI response
		Officer/ Chief Petty Officer (Radar Plotter I of Indian Navy and have undergone IALA VTS Operator Training V103/1 for the personnel monitoring the control station. (experience candidate is preferable)	<p>Would it suffice if the following criteria is fulfilled for the operator posted at control station and base station?</p> <p>The operator shall be a degree holder in electronic and communication engineering duly trained by OEM covering necessary subject of VTS & AIS equipment and associated software who will be subsequently trained by qualified trainer/engineer approved by competent authority.</p>	<i>Officer/ Chief Petty Officer (Radar Plotter I of Indian Navy and have undergone IALA VTS Operator Training V103/1 for the personnel monitoring the control station) or diploma holder in electronic and communication engineering who will be subsequently trained by a qualified IALA trainer / Engineer approved by the competent Authority .</i>
4.	Section VII, COMPATIBILITY/INTEROPERABILITY WITH OTHER RIS SYSTEM ON NW1 Page 77	<ol style="list-style-type: none"> 1. AIS AIVDM message from Phase 2 & 3 shall be integrated for seamless display at operator stations of RIS Phase 1. IWAI shall provide 1 each TCP/IP data from Phase 2 & 3 at Kolkata / Farakka. 2. Sending binary messages using base stations of phase 2 and 3. 3. Voice communication is envisaged. However, IWAI will ensure that protocol for the same 	<ol style="list-style-type: none"> 1. AIVDM message is a universal format for interfacing any AIS data with third party software. The Coast watch software installed in RIS phase 1 has the capability to output and accept standard AIVDM message from third party systems. Therefore, AIS integration with RIS phase 2 and phase 3 would be possible after the license in existing RIS1 system is upgraded. 2. There is no universal format to send binary message from one system to an AIS base station installed in another system. Therefore, sending binary messages using base stations of phase 2 and 3 would not be possible. 3. With regard to VHF integration, there is no universal protocol for exchange of VHF data 	<ol style="list-style-type: none"> 1. <i>Seamless integration of RIS –I, II & III displaying all the stations from Varanasi to Haldia should be ensured at RIS stations and web port of RIS-I.</i> 2. <i>Seamless VHF Voice communication between RIS-I & RIS-II should be ensured.</i>

Sr. No.	Reference	Description in tender	Question	IWAI response
		needs to be shared by all parties.	between two different systems. Therefore, integration of VHF setup with any external system would not be possible.	
5.	GCC, clause 7.1 j) Page 109	The contractor's engineer shall visit the sites, every month, for checking the health of the system and for carrying out the preventive maintenance. However, the breakdown maintenance shall be carried out immediately, but not later than 48 hours from the time of reporting.	We draw your attention to GCC clause 3.8.3 d) which states PPM on quarterly basis. Hence, we would suggest having the PPM on quarterly basis for shore stations as well as ships. Engineers visit to seven RIS shore sites once in a month may be possible. However, visit to the ship once in a month is not possible due to operational sailing of the vessel. Hence, visit to the ship should be considered once in every quarter and vessel should be available at jetty between Haldia and Farakka for the vessels coming under Kolkata and Patna region. The vessels of Guwahati should be at jetty either in Guwahati or between Haldia and Farakka.	<i>Preventive maintenance visit shall be monthly basis for each RIS station and quarterly basis to Vessel stations in the following location: -</i> <i>(1) IWT terminal between Haldia & Farakka for RO Kolkata ;</i> <i>(2) Sahibganj, Patna & Varanasi for RO Patna</i> <i>(3) Other locations shall be informed to successful bidder</i>
6.	GCC clause 3.8.3, a) page 105	The Contractor shall pay a sum equal to 0.05% of the cost of the O&M and CAMC to the station for each day of the work that remains incomplete beyond the stated period of 72 hours on every such occasion provided that such sum will not exceed 10% of the Contract value for the site.	This clause may be modified as follows. The Contractor shall pay a sum equal to 0.05% of the cost of the CAMC to the station for each day of the work that remains incomplete beyond the stated period of 72 hours on every such occasion provided that such sum will not exceed 5% of invoice value per site.	<i>Tender condition prevails</i>

Sr. No.	Reference	Description in tender	Question	IWAI response
7.	GCC clause 6.2 Page 106	The amount in Indian Rupees is _____ [insert amount].	We request IWAI to please clarify which amount to be inserted in this clause.	<i>To be filled at the award of work by IWAI</i>
8.	Section VII – Activity Schedule Staff - Qualification and Training requirement: Page 72	For control station, 1 engineer and 1 operator are required. Deployment is in 1 shift of 8 hrs.	Is it correct to assume that control station would have 1 engineer(manager) working for 8 hours? Further, is it correct to assume that control station would have 3 operators working on 8 hours shift each?	<i>For control station -1 Manager & 03 operators-24x7 operation For base station -1 operator 08 hours shift. (it is clearly mentioned in (b) Details of Manpower Required of Section VII - Activity Schedule in page-71)</i>
9.	General	General	The antennae of SL Koshi are damaged. The defective antennae are to be replaced / repaired before commencement of CAMC with additional cost. If any equipment is defective in base stations/vessels, same are to repaired and made operational prior to commencement of CAMC.	<i>As per the tender clause under Section VII - Activity Schedule <u>Clause (1) Objectives and Scope of Work:</u> The antennae shall be jointly inspected along with present CAMC contractor for repairs / replacement before start of fresh CAMC. (page -71)</i>
10.	General	Estimated cost of Project	Please confirm Estimated cost of project	<i>Being a WB guidelines procurement bid, the provision for disclosing the estimated cost is not available.</i>

Sr. No.	Reference	Description in tender	Question	IWAI response
11.	General	Spares for CAMC	Please confirm list spares available with IWAI supplied by existing agency for CAMC of base stations and vessels	<i>NIL</i>
12.	General	Manpower Supply	Please confirm can we do subletting for manpower (Operator & Manager)	<i>Subletting will be permitted only after approval by IWAI. Refer to Section III, Para B 2.1 (j) Page 34 and Section VIII General Condition of Contract Clause 3.5 of the tender document.</i>
13.	2.4/ Page 42	Annual Volume & Experience	Request you allow consortium & authorization from OEM for qualification criteria	<i>Tender condition prevails</i>
14.	2.0/Page 71	CAMC and O&M of 7 nos RIS Stations. VHF devices	Please confirm during taking over the system for CAMC from existing contractor all installed equipment must be in working condition. If any equipment is non-operational, then IWAI will pay extra cost to get it repaired/replaced. In the tender its mentioned only about antenna & not for equipment	<i>The equipment shall be handed over in operational condition.</i>
15.	2.0/Page 71	CAMC and O&M of 7 nos RIS Stations. VHF devices	Please confirm what output format of VHF. As per current scenario it propriety format & the same bidder / contractor will get benefit for integration of VHF. We request you to ask replace existing VHF with new one for fair competition.	<i>Kindly refer S. No (4)</i>
16.	Clasue-2/Page-71	CAMC and O&M of 7 nos RIS Stations.	Fuel & batteries are comes under consumable. We can't predict / decide how much diesel we will	<i>Tender condition prevails</i>

Sr. No.	Reference	Description in tender	Question	IWAI response
		Fuel to DG set and battery shall be in the scope of Contractor.	required at each site. Current battery status also we don't know. Please consider Fuel cost will be reimbursed at actual by IWAI. All existing UPS batteries to be replaced by IWAI before taking over the project.	
17.	Clasue-4.1/page 74	Administrative and sundry expenses: The contractor is responsible for all the administrative charges like stationeries, housekeeping, watch keeping, vehicle, drinking water etc.	Please confirm IWAI will pay for Base station sites assets like porta cabin furniture utensils, electric equipment and tube light submersible water pumps. Expenditure required for horticulture maintenance as well as housekeeping.	<i>Tender condition prevails</i>
18.	General	Connectivity Charges Leased line connectivity form Base Station to control station	Please confirm who will pay the charges for leased line connectivity from base station to control center.	<i>Tender clause 2.0 under Section VII - Activity Schedule prevails (Page-71)</i>
19.	General	Bid Submission date	Request you to extend bid submission date by minimum two week from the day of pre bid reply	<i>The Bid submission date stands same.</i>
20.	General	ITB 12.2 h	Please clarify ESIC/EPFO registration in name of JV ?- it should be in the name of lead bidder, provided company qualifies minimum criteria for these certifications.	No change. Tender condition shall prevail.
21.		RIS operator – VTS training – 11 Nos	Can we get them trained within 6 months from the date of award of contract ?	The training as elaborated vide S.No-1,2,3 above is to be imparted within 1

Sr. No.	Reference	Description in tender	Question	IWAI response
				month. The monthly payment for O&M will be considered only after the training has been imparted.
22.	Page 44	<p>However, for a joint venture to qualify the member in charge must meet at least 40 percent of those minimum criteria for an individual Bidder and other members at least 25% of the criteria. Failure to comply with this requirement will result in rejection of the joint venture's Bid.</p> <p>For both Schedules / Lot – 1 work 3,21,70,000 OR 2 works for 2,01,11,000 OR 3 works for 1,60,85,000 FOR CAMC for RIS system OR Vessel Traffic Management System (VTMS)/ VHF Transmitter OR Automatic Identification System (AIS) OR Automatic Vehicle Tracking system OR Integration along with setting up of communication network (WAN) OR installations of Marine</p>	The figures for each of the members of a joint venture shall be added together to determine the Bidder's compliance with the minimum qualifying criteria of (a), (b) and (e)	No change. Tender condition shall prevail.

Sr. No.	Reference	Description in tender	Question	IWAI response
		Survey equipment such as Echo sounder, DGPS, Radar, Communication equipment's etc.		
23.	General Page 33	Performance security in name of JV ??	It should be from Lead bidder ?	Refer Clause -48 of ITB Page No-26.
24.			Can a Foreign Company make a bid with a Letter of Intention to register a subsidiary once LOI is awarded ? deployment etc can be done within time frame specified thru Local agent to meet criteria ? provided Foreign firm meets all experience and turnover / solvency criteria's ?	Foreign bidders are allowed to participate on the prevailing National Competitive Bidding Terms and Conditions that apply to National Bidders. However, all the payments / instruments shall be in INR only.