

CORRIGENDUM - 2 FOR THE NOTICE INVITING GLOBAL TENDER (NIGT)

Tender No. IWAI/HY/1(1)/RIS/2012

Additional Queries raised by Bidders in connection to the Tender for Setting up of River Information Services (RIS) System in Sagar- Farakka Stretch of NW-1

Sealed tender in two cover system (cover-I "Technical bid" and cover –II "Financial Bid") are invited from Original Equipment Manufacturer (OEM) or their authorized suppliers, distributors, agents for Supply, Installation, Training, Commissioning, O&M for 4 years after commissioning and CAMC for 3 years after warranty period of the following system of reputed brand:-

Schedule	ITEMS	EMD (₹)
A	Setting up of River Information Services (RIS) System in Sagar – Farakka Stretch of NW – I	21,00,000

This is to inform that the Last date of submission of the aforesaid tender document i.e on 1.10.2012 has been extended up to **08.10.2012**.

SL. NO.	ADDITIONAL POINTS RAISE BY THE BIDDERS	CLARIFICATION GIVEN BY "IWAI"
1	As per clarification provided in pre-bid response 'Only VHF sets with Antenna is required and Walkie Talkie is optional. Please clarify if these VHF sets are to be networked to the Control Center and establish VoIP.	VHF sets are to be networked to the Base Centre / Control Center and establish VoIP.
2	For Ruggedized laptop and the Multi-function display (MFD) on vessels we need two sets of interfaces from sensors onboard the vessel. What sensor data must be displayed on the MFD?	Two sets of interfaces from sensors onboard the vessels are required. All Sensor data must be displayed on the MFD also.
3	If RIS application is to be run on Laptop, the setup has to be similar to Control center (many servers). Do we need to provide the RIS application for the vessels too.	Complete RIS application software is not to be run on the vessels. The integration software which is required to interface all the sensors in to the display is required on the vessels.

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4	As per prebid meeting response of IWAI, GSM facility will be used as alternative to VHF. However, we would like to make a note here that there is no class A AIS transponder available wherein GSM is used as an alternative transmission mode to VHF since the AIS will only work if the VHF of AIS is working. Therefore we would request IWAI to kindly provide us with detailed explanation how this GSM modem will be used with AIS transponder or whether IWAI is looking for entirely a separate GSM monitoring system in future for which GSM modem is included with this tender.	GSM modem would be an independent entity & not linked to Class-A AIS transponder. The mode of communication between the control station and the vessels will be through mobile GSM technology.
5	Whether the met data must be broadcast from the base stations as an AIS application specific message?	Yes
6	Does an all-sensor-in-one weather station meet the client requirement , or are separately packages sensors preferred?	Separate sensors are required as per tender specifications under Clause No. 7. Technical specification
7	Does IWAI need a dedicated display/data logger at each base station site to monitor the weather parameters?	Yes
8	Does IWAI want the meteorological data of each base station site to be displayed and logged at the control station with RIS software?	Yes
9	Who will get the necessary electrical permissions for the DG set from the local Electricity board for operational approval?	No approval of Electricity board is required for running DG set.

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10	If items are shipped to one single location – who takes care of security and damages?	IWAI warehouse at the location may be utilised for storage. However the vender looks after the security & damages aspect.
11	What is the bandwidth of the leased line required	Minimum 2 Mbps is required as per tender under 7. Technical Specification
12	The recurring airtime charges for the GSM modem which will be placed onboard to be paid by IWAI	Airtime charges on actuals, will be paid by IWAI.
13	What capacity of oil tank is required for genset & No of hours continuous running capacity.	Minimum requirement is 60 Lts tank capacity for 12 hours running time.
14	Also please confirm whether the type of generator required is Single phase or Three phase	Three phase
15	52" displays are usually meant for wall mounting and for distance viewing. Having such large display for the operator would be unergonomic. We recommend 24" display for operator and having the 52" for wall display. Operator won't be able to see the display and will have the eyesight problem after continuously operating on such a large display.	Please refer to Clause No. 7. Technical specification under Schedule-C 3 (v) 52" display is meant for display at Control Stations. The Operator console should be min. 21"
16	Please condirm if Diesel for Generator at Base stations needs to be provided by the Contractor	Please refer to Clause No. 7. Technical specification under Schedule-D 4. Overall Maintenance, Operation & Security of RIS system per year includes supply of Diesel for Generator at Base Station by the Contractor.

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17	The specifications do not specify any system availability or redundancy of AIS base station. It is important that such important system have redundancy built at each layer considering the remoteness of the site and the criticality of the service. Therefore we recommend having the AIS base station in Hot standby mode to have redundancy otherwise failure of the single AIS base station will affect the operation of that particular site (area).	Not required, Hot standby mode may be considered subsequently.
18	Requested to extend the last date of submission of the tender till 15 th October 2012 in order give an economical offer covering all aspects of your tender requirement.	The last date of submission of tender is extended up to 1500 hrs. on 08.10.2012 & the technical bids will be opened on the same day at 1530 hrs.
19	In the document they have asked for an annual turnover of 3 Crores but the minimum cost of the order in the sub Para is of 4 Crores and three such projects, please clarify	The Clause mentioned under 2. INSTRUCTION TO THE TENDERER, 10. Technical Bid, item No (xi) is correct and no change in the clause.
20	If the normal 12 Channel DGPS can be offered instead of 16 Channel DGPS as the same will be used on vessels for normal course of work	Please refer to Clause No. 7. Technical specification under Schedule-A (iv) DGPS Receiver is required
21	Please confirm if the Radar Overlay is essential for MFD and should have independent operation	Radar is essential fro MFD and should have independent operation

Hydrographic Chief
IWAI, A-13, Sector-1,NOIDA