



GOVERNMENT OF ASSAM

ASSAM INLAND WATER TRANSPORT DEVELOPMENT SOCIETY

3rd Floor, Directorate of Inland Water Transport, Assam::Ulubari, Guwahati-781007:: email: dir.iwtds-as@gov.in, Tel: 0361-2462677

Notice No. AIWTDS/261/2021/ 119

Dated, Guwahati, the 06th Oct'2021

Corrigendum-I

In reference to the tender notification no. AIWTDS/261/2021/88 dated 17.09.2021 for E-procurement of "Supply of **AIS 140 GPS devices**, includes GPS device cost and installation cost & 3 years warranty with software license fees per user per year and SIM card with 4G data package **for IWT ferry vessels**", certain amendments enclosed as Annexure-A, have been incorporated in the bid document. Bidders are requested to take the note of these amendments prior to the submission of bid.

The last date for submission of bid has also been extended to 25.10.2021 till 14:00 HRS (IST). The date & time of bid opening through e-procurement portal of Govt. of Assam viz. www.assamtenders.gov.in is fixed on 25.10.2021 at 16:00 HRS (IST).

Enclosed: Annexure-A

(Gautam Das, ACS)

Additional State Project Director
Assam IWT Development Society

Memo No. AIWTDS/261/2021/ 196-A

Dated, Guwahati, the 06th Oct'2021

Copy to:

- i) The Director, Inland Water Transport, Assam, Ulubari, Guwahati-7 for favour of information.
- ii) OSD to SPD, AIWTD Society for kind appraisal to the State Project Director, AIWTDS.
- iii) For uploading in e portal of Govt. of Assam viz. www.assamtenders.gov.in, AIWTD Society website: www.aiwtdsociety.in & DIWT, Assam website: www.iwtdirectorate.assam.gov.in

Additional State Project Director
Assam IWTD Society

Annexure-A
Corrigendum No. I

RFB No.: AIWTDS/261/2021/88 dated 17.09.2021

REQUEST FOR QUOTATION (RFQ)

Title of Assignment : “Supply of **AIS 140 GPS devices**, includes GPS device cost and installation cost & 3 years warranty with software license fees per user per year and SIM card with 4G data package **for IWT ferry vessels**”

Clause Reference	Existing	Modified
Technical Specification	The deadline for uploading the Bid is: Date :07.10.2021 Time :14:00HRS	The deadline for uploading the Bid is: Date :25.10.2021 Time:14:00 HRS
Technical Specification	The online Bid opening shall take place on: Date: 07.10.2021 Time:16:00HRS	The online Bid opening shall take place on: Date: 25.10.2021 Time : 16:00HRS
Title of Assignment	“Supply of <u>AIS 140 GPS devices</u> , includes GPS device cost and installation cost & 3 years warranty with software license fees per user per year and SIM card with 4G data package for IWT ferry vessels	“Supply of <u>AIS 140 GPS devices</u> , includes GPS device cost and installation cost & 3 years warranty with software license fees per user per year and SIM card with 2G/ 4G data package for IWT ferry vessels
Annexure –I Technical Specification- Satellite communication	<ul style="list-style-type: none"> Data GPRS: mobile station class B, Class 12 max. 85.6 kpbs (uplink/downlink) 	Deleted
	<ul style="list-style-type: none"> Working frequencyDual Band/Quad Band GSM module. 	Deleted
Annexure–I Technical Specification- <u>Parameter:</u>	<ul style="list-style-type: none"> Serial: RS-232; RS- 485 	Serial: RS-232/ RS- 485

Annexure –I Technical Specification- <u>Interface</u>	Interface to external SIM 3V/1.8V	Deleted
Annexure –I Technical Specification- <u>Feature Required:</u>		Added : API's need to share for further customization.
	Volume control by single button or two buttons	Deleted
	• Voice Interface Cellocator HF compliant	Deleted
	• Echo cancelation	Deleted
	• Noise suppression	Deleted
	• Spy listening option	Deleted
	• Auto-answer option	Deleted
	• Volume control by single button or two buttons	Deleted
	• Distress voice call and plain call generation	Deleted
Technical Specification- Installation/ Support/Service	• SIM Cards with 4G data with one year validity for all the devices.	SIM Cards with 2G/4G data with one year validity for all the devices.
BOQ in e-tender Portal-Table-1	• SIM Card with 4G data package billings (first year)	SIM Card with 2G/4G data package billings (first year)



(Gautam Das, ACS)
Additional State Project Director
Assam IWT Development Society

Reply to the Pre-bid Queries

RFB No.: AIWTDS/261/2021/88

dated 17.09.2021

Title of Assignment : “Supply of AIS 140 GPS devices, includes GPS device cost and installation cost & 3 years warranty with software license fees per user per year and SIM card with 4G data package for IWT ferry vessels”

Sl	Clause Reference	Queries	Replies
1	Technical Specification	AIS140 4G is not easily available and would limit the bids in favour of 1 or 2 companies. We suggest to go with 2G/4G approach.	Please refer Corrigendum 1
2	Technical Specification	Truly Global Coverage : Kindly clarify as satellite based data is not in SOW	• Refer to RFQ and Corrigendum I
3	Technical Specification	Tracker Independent : Kindly clarify its meaning.	• GPS Software to be tracker independent, compatible to add new hardware/GPS system, the software should be capable of linking to various GPS Hardware manufactures in future.
4	Technical Specification	Global Presence :Kindly clarify its meaning.	• The bidder should have offices/ branches in Assam
5	Technical Specification	Interface to external SIM 3V/1.8V – This requirement can not fulfilled as it not as per as per AIS140 standard. Please clarify.	• Refer to Corrigendum-I
6	Technical Specification	SPI interface(option) : Kindly elaborate on the meaning of SPI	For data transfer/Configuration
7	Technical Specification	Volume control by single button or two buttons – GPS tracking devices don't have volume control buttons. Request please consider removing this clause.	• Refer to Corrigendum I
8	Technical Specification	DUEL EMBEDDED SIM WITH EXTERNAL SIM CANNOT BE PROVIDED IN ANY KIND OF AIS140 DEVICES.	Duel Embedded SIM/ External SIM

9	Technical Specification	RS232 CAN BE PROVIDED BUT NOT RS485.	Refer to Corrigendum I
10	Technical Specification	ALWAYS ON FEATURES – IMPLIES DEVICES DOESN'T GO IN SLEEP MODE, WHICH ANAPPROPRIATE FOR GPS DEVICES.	Refer to RFQ
11	Technical Specification	WHAT IF DEVICE WILL BE IN NO NETWORK ZONE, THEN DEVICE WILL BE OFFLINE FOR SEVERAL TIMES.	Yes, it should sync data once its back in network areas.
12	Technical Specification	ARE FULL DUPLEX/ BOTH WAY COMMUNICATIONS A MANDATORY?	• Refer to RFQ
13	Technical Specification	IS MARINE SPECIFIC INGRESS PROTRACTION A MANDATORY FEATURE?	Refer to RFQ
14	Technical Specification	'Working frequency Dual Band/Quad Band GSM module" AND "Data GPRS: mobile station class B, Class 12 max. 85.6 kpbs (uplink/downlink)" BOTH STATEMENTS INDICATES A 2G DEVICES, THUS DOESNOT MATCHING WITH TECHNICAL SPECIFICATIONS.	Refer to Corrigendum-I
15	Technical Specification	<ul style="list-style-type: none"> • As per the TRAI (Telecom Regulatory Authority of India) Website {https://myspeed.trai.gov.in/} we notice that less than 15-20% of Assam State is covered with Network. • When it comes to the coverage of waterways across Assam state the Coverage is much below that. • In Such a situation where the whole purpose of floating the tender is and was to monitor the ferry Tracking in a Live manner (Refer to the Point raised by your office during the 28th Minute of the call). How will Assam Inland Water Transport Development Society be able to do live tracking of the ferry? 	Refer to Corrigendum-I

16	Technical Specification	<ul style="list-style-type: none"> As we understand that you have requested for Emergency no-network coverage –built-in memory to store data for minimum 1 day if out of network., But the point arises is that when your department is aware that there is a Major Network Issue across the waterways in Assam, how will your department be able to send relief in case of any unfortunate instance when the Ferry is in no-network coverage? 	Refer to Corrigendum-I
17	Technical Specification	<p>AIS 140 : AIS 140 is mainly used for Road transportation and does not have any reason to be a point in the tender as while your basic requirement is to track and trace the Ferry</p>	Refer to RFQ document.
18	Technical Specification	<p>Analog audio interface/RTC backup/ Serial interface Can You specify the need for this interface</p>	For Real time backup supply operation
19	Technical Specification	RS232 interface is an older version and the newer version is RS485, hence it should also be included in the tender.	o Yes it is allowed.
20	Technical Specification	<ul style="list-style-type: none"> Marine Specific Ingress Protection: Do you mean IP67 ? 	o IP67 With Dust protection
21	Technical Specification	<ul style="list-style-type: none"> Voice Interface Cellocator HF compliant: While the purpose of the tender is to track and trace why is voice required ? Please remove the same. 	Refer Corrigendum I
22	Technical Specification	<ul style="list-style-type: none"> Full duplex: is this for 2 Way communication and if yes Hold Duplex is sufficient 	Yes
23	Technical Specification	<ul style="list-style-type: none"> Open for Customization of Software as required displaying other GPS system in the same platform: As informed during the start of the meeting that your Organisation needs API's, hence we understand that the platform/Dashboard would be made by AIWTD Society. Hence this point needs to be removed. 	For future customization it should be open.

24	Technical Specification	<ul style="list-style-type: none"> • Three engine module connectivity(2 engines of vessels and one gen set) : Can you please explain in detail. 	For engine start/Stop status update (2 Engines and one Gen Set)
25	Technical Specification	<ul style="list-style-type: none"> • Data storage capacity- minimum 90 days (Engine log hours, movement details, speed etc.): Is this the feature of device or Server Storage. 	o Server Storage
26	Technical Specification	<ul style="list-style-type: none"> • Have provision providing additional information regarding overloading of ferries and fuel consumption details: Is the department planning to implement Load and Fuel Sensors separately ? 	Refer to RFQ
27	Technical Specification	<ul style="list-style-type: none"> • Embossing of the equipments with AIWTDS "Logo" Inscription "AIWTDS: As Most of the devices are already made, making a die and getting special embossing would take time and also increase the cost in a big manner. Is it really required ? 	Refer to RFQ
28	Technical Specification	Storage of data for 24 hours works well in case of the vessel reaching the shore safely. In case of a mishap, and if the vessel is in a no-network region, how can it raise an SoS alert ?	Refer to RFQ and Corrigendum-I
29	Technical Specification	According to MoRTH guidelines AIS-140 device does not have, voice interface cellocator HF compliant, Echo cancellation, noise suppression, spy listening option, volume control by single button or two buttons, distress voice call and plain call generation. Kindly remove all these points	Refer to Corrigendum-I
30	Technical Specification	voice interface cellocator HF compliant	Refer to Corrigendum-I
31	Technical Specification	Echo cancellation	Refer to Corrigendum-I
32	Technical Specification	noise suppression	Refer to Corrigendum-I
33	Technical Specification	spy listening option	Refer to Corrigendum-I

34	Technical Specification	volume control by single button or two buttons	Refer to Corrigendum-I
35	Technical Specification	distress voice call and plain call generation	Refer to Corrigendum-I



(Gautam Das, ACS)
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