

Installation of Navigation Buoys in River Jhelum (NW-49)				
TENDER No: IWAI/Tech/NW-49/Buoys/2025				
Sr.No	Section No. Clause, Sub Clause No and Page No. of Tender	Tender clause description	Queries	Reply to queries
1	Page : 7/184 : NOTICE INVITING E-TENDER	-	Cost of tender Rs. 2950/- As bid documents there are 52 buoys MS : Fabrication, painting where as you mentioned PE buoys? Please confirm the materials for buoy required.	May be read as "Design, Engineering, Fabrication, Supply, Transportation, Delivery, Installation and Testing of PE buoys with mooring gears and Solar integrated navigational Lighting equipment (All tamper proof) as per the IALA(International Association of Lighthouse Authorities) scheme system 'A' to mark the navigational channel in River Jhelum (NW-49) "
2	Page 14/184 6.1 EMD	Bidders shall furnish EMD of the amount as mentioned in Section III Data Sheet except Micro and Small Enterprises (MSEs) as defined in MSE Procurement Policy issued by Department of Micro, Small and Medium Enterprises (MSME) or Department or Start-ups as recognized by By Department for Promotion of Industrial and Internal Trade (DPIIT) on submission of a valid registration certificate as per the Government of India rules.	Being MSME registered member ,cost tender Fee and EMD should be exempted please confirm	Exemption from Tender Fee/EMD is allowed to MSME registered firms subject to being in the appropraite category of works.
3	Page : 7/184 :NIT : Brief Scope of Work	Design, Engineering, Fabrication, Painting, Supply, Transportation, Delivery, Installation and Testing of PE buoys with mooring gears and Solar integrated navigational Lighting equipment (All tamper proof) as per the IALA(International Association of Lighthouse Authorities) scheme system 'A' to mark the navigational channel in River Jhelum (NW-49)	Light should be as per IALA scheme system "A" to work the NW49 channel. Kindly give the intensity range of the lantern required. Explain??	Visible from minimum from 3 Nm
2	Page 7/184:NIT :Briefscope of work	Design, Engineering, Fabrication, Painting, Supply, Transportation, Delivery, Installation and Testing of PE buoys with mooring gears and Solar integrated navigational Lighting equipment (All tamper proof) as per the IALA(International Association of Lighthouse Authorities) scheme system 'A' to mark the navigational channel in River Jhelum (NW-49)	where in fabrication, painting and testing of PE buoys (alltamper proof) explain ? Where in fabrication, painting and testing of PE buoys (alltamper proof) explain ?? for PE Buoy , fabrication and painting is not required . kindly explain Temper proof buoy	May kindly refer reply at S.No 1
3	Page:8/184:	"Goods" means PU Buoys as mentioned in the Technical specification along with all mooring gears and lighting equipment as per the specification to supply the Contract.	1)Goods means PU buoys --kindly give details explanation	Goods means PU buoys with mooriong gears and navigational lights.
	Page:8/184: Method of Selection:	Bidder will be selected under Least Cost Selection (LCS) and procedures described in this Tender document.	2) Bidder will be selected under least cost selection (LCS) explain ??	The bidder who quotes the lowest amount will be awarded the work.
4	Page 15/184 clause 6.3 Bank Solvency	All bidders shall submit bank solvency certificate from a nationalized/scheduled bank in India for the amounts as mentioned in Section III Data Sheet	Amount of bank solvency? Explain	May refer Bid Data sheet at pg no 35 of the tender document.
5	Page30 of 184	17.1.3 Qualification Criteria for Equipment and experience	Period of execution, date of commencement and date of completion ,certificate , testimonials etc. ?explain ??	Th date of commencement is date of signing of agreement with scheduled completion in 3 months. For qualification criteria may refer Clause 18 (Pg no 33) of the tender document.
6	Page 67/184 Form Fin – 2: Summary of Cost	Form Fin – 2: Summary of Cost BOQ	CAMC of 10 years on 52 Buoys: who will supply buoys, materials if stolen ?? explain . CAMC of 05 years will more appriacable	Please refer amendent 1. The stolen buoys will be dealt under Force Majeure Conditions (Pg NoPg 137-138) of the tender document.
7	Page 70/184: 2. Scope of Work	(i) Design, Engineering, Fabrication, Painting, Supply, Transportation, Delivery, Installation and Testing of Marine quality Polyethylene navigational channel buoys and fairway buoy, Mooring gears and Solar integrated navigationalLighting equipment (All tamper proof) as per the IALA (International Association of Lighthouse Authorities) scheme system 'A' to mark the navigational channel in River Jhelum (NW-49)	Require PE Buoys , also Fairway buoy ?what size ? what type of testing mode? The proposed designof approval as mentioned in tender that approval must be taken from the IRS . Can we take approval from any IACS surveyor (as they are commonly available rather than using IRS ?kindly confirm?? Kindly confirm the length of river Jhelum in Srinagar & Bandipora district of Jammu Kashmir , within how muchlength of Jhelum do we have to carry out this work and what is the present status of buoys in the river , anysheltering source is available??	May refer buoy design criteria on Page 70-72 of tender document. The works are to be certified by IR Class only. The length of river is 110 Km and the bidder is required to asses the ground situation before bidding.
8	Page:71/184: BUOY DESIGN CRITERIA:-	BUOY DESIGN CRITERIA:- SIZE , Buoy Body	Description of buoys required to be explained properly..	May refer buoy design criteria on Page 70-72 of tender document
9	Page 74/184 7. MOORING ACCESSORIES:-	All the offer mooring accessories should be suitable size and load capacity as per the mooring load calculation approved by IR Class. The mooring accessories should be tested for the proof load as per the design approved and should be validate with the test certificates by IR Class.	Mooring accessories must be tested ,approved by the IRS . Can it be IACS also design andcalculations to be submitted after approval from Govt authorized laboratory for intensity range , IP68 required.	Only IR Class certification is allowed.

10	Page 134/184,12.3 Method of Measurement	The Works shall be measured net, notwithstanding any general or local custom, except where otherwise provided for in the Contract.	Method of measurement of work ..Explain ??	May refer Clause 5.6 of Section VI- Terms of Reference Pg no 77
11	Page 157/184 20.3 Third Party Insurance	Contractor is required to take third party insurance cover for an amount of 5% (five percent) of contract value from an approved insurance company for insurance against any damage, injury or loss which may occur to any person or property including that of the Employer, arising out of the execution of the works or temporary works. Wherever required by the Employer the contractor shall produce the policy or the policies of Insurance and the receipt of payment of the current premiums. In case of failure of the contractor to obtain contractors all risk policy, insurance under workman compensation act and third party insurance as described above within one month from the date of commencement of work, running account payments of the contractor shall be withheld till such time the aforesaid insurance covers are obtained by the contractor.	3rd Party insurance for 5% of contract value ?explain ??	The conditions is to indemnify the contractor from any losses arising out of works before official handover to IWAI. In case, the contractor doesn't take insurance the responsibility for damage before official handover lies entirely with contractor.
12	–	–	Whether we need to submit the hard copies of the documents and BOQ through courier before the date , or the Online submission is sufficient , please clarify.	No, the proof of tender fee/EMD submission is to be submitted alongwith Solvency certificate. In case of MSME, the MSME registration certificate (Appropriate category) is to be submitted alongwith the solvency certificate.
13	–	–	Do the documents need to be attested by a notary	Yes, the PoA needs to be attested by notary, remaining documents may be self attested.
14	SECTION-VI: TERMS OF REFERENCE (ToR) 2. Scope of Work BUOY DESIGN CRITERIA:-	The size of the buoy should be minimum 0.6 meter out to out dimension with dual buoyancy chamber.	The size of the buoy should meet minimum design criteria and the specification laid down in this Tender and should be certified by IACS body as per Tender Clause 1.1.4 Enclosure – IV – (a) (i). The below Environmental Condition Given in Tender Water depth:.8 m-12 meter Wave height: 1.5 meter Maximum current: 6 knots Tidal variation: Nil River bed condition: Sand/Silty Clay Considering the above condition 0.6 meter buoy is not suitable.	The bidder may suggest suitable size based on their design, however no additional cost will be payable in case the size of buoys is more than prescribed.
15	Form Fin – 2: Summary of Cost Sr. No. 2: - AMC for 10 years for maintenance of buoys.	Existing Tender Clause “AMC for 10 years for maintenance of buoys”	This clause should be considered deleted from Fin – 2: Summary of Cost & Item Rate BoQ, Instead of existing Tender Clause “AMC for 10 years for maintenance of buoys” You May add clause in the Tender for providing spares for satisfactory CAMC for 10 years for maintenance of buoy for which the bidder should submit the individual price for each spare along with the price bid in the Tender.	May refer reply at S-No-6
16	–	–	Channel Buoy & Fairway Buoy Drawing : Please provide the complete Buoy drawing , including all relevant dimensions and technical specifications . Accurate measurements are essential for assessing compatibility with intended installation sites	The buoys design and drawings (duly approved by any IR CLASS) has to be submitted by the bidder based on the prescribed environmental conditions.
17	–	–	Kindly Note the below PE Materials are available in the market : <i>Linear Low Density polythelene (LLDPE)</i> <i>Low Density polythelene (LDPE)</i> <i>Medium Density polythelene (MDPE)</i> <i>High Density Density polythelene (HDPE)</i> <i>Ultra High Density Density polythelene (UHDPE)</i> High density Polyethylene (HDPE) is not possible in Roto -Moulding machine (only 25% included with LLDPE material) HDPE material used generally Injection moulding machine. Kindly confirm which material will be used . As per our experience the best material for making Roto Moulded Buoy is LDPE.	The material to used should conform to IS- 7328: 2020 & the material to be used should be B5500 (IS 7328-3B-BBFXTA-manufactured by Haldia petrochemicals ltd) or equivalent.
18	–	–	Buoy Service Boat commitment for 10 years : Kindly confirm whether IWAI shall provide boat along with manpower and consumables for a period of 10 years or it will be arranged by Vendor.	No, the vessel, manpower, spare for the project and other necessary items required for Installation, Commissioning CAMC etc are all within the purview of Contractor.
19			Steel buoys will be suitable for the location can be provide steel buoys instead of PU Buoys.	No.
20			Please provide color scheme for buoys.	Color will be as per IALA standards.