

Subject: - Tender for “Design, Construction, Supply, Transportation, Installation, Testing and Commissioning of Steel pontoons along with gangways for providing floating terminal facilities at various locations on NW-1 (Ganga-Bhagirath)”

Reference: - Tender No.: - IN-IWAI-295765-GO-RFB

CPP Portal Tender ID: -2022\_JMVP\_693793\_1

#### Response to Pre-submission queries of the Bidders

S. No.	Page no & Clause. No	Content of the RFP requiring clarifications/amendments	Clarifications/ Amendments Sought	Response by IWAI
1.	Part-2 Section - VII Scope of Work Clause 2 Page 80	<i>“Note: The aforesaid locations are tentative only and may change as per the change.....”</i>	You have indicated locations to be tentative and we presume that should there be a change the same will be near the mentioned sites.	The locations have been finalized and shall be shared with the successful bidder.
2.	Part-2 Section - VII Scope of Work Clause 4 Page 80	<p><i>“(a)The Supplier shall review the available data and reports if any, pertaining to the works and shall carry out all necessary surveys as required and instructed by EIC. The Supplier shall also make a detailed analysis of the site and existing facilities available for execution of the works.</i></p> <p><i>(b)The Supplier based upon the surveys and detailed analysis undertaken shall submit preliminary design &amp; final detailed design* along with detailed calculations, sectional drawings, Bill of Quantities (BoQ), work plan &amp; methodology for carrying out the execution of works before commencement of the works at site. The Supplier shall bear all the cost arising out of surveys and detailed analysis.</i></p> <p><i>*The responsibility of reviewing and vetting the detailed design along with detailed calculations and sectional drawings shall be undertaken from reputed &amp; authorized classification societies (IRS)/ agencies/ institutes as per the consent of the EIC.</i></p> <p><i>The Supplier shall coordinate with such professionals &amp; other professionals (if any appointed by the Purchaser), attend meetings and provide all necessary information drawings and details sufficient enough for systematic review/vetting of the design proposals. The</i></p>	The drawing and calculation should relate to pontoon. Their equipment as mentioned in the technical specifications and mooring of the pontoons. You indicated survey by the bidder, but we understand that the site is being selected by you on the basis of some survey regarding draft availability and other parameters. If the bidder is to undertake such survey, they should include observation during the flood season as well as low season. We propose to delete the clause and to select the site on the basis of joint inspection of the supplier and owner. You have also indicated vetting of drawings, designed by other professionals (if any appointed by the purchase) and the fees shall have to be paid by the supplier. Since the drawings are to be vetted by Classification Societies (IRS), we are aware of the tentative fees and can quote accordingly. In case we wish to propose other agencies, the fees should be paid by you or the vetting inspection of calculation and drawings may be restricted to reputed classification agencies.	Tender Conditions prevail.

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		<i>fee for such proof checking shall be borne by the Supplier”</i>		
3.	Part-2 Section - VII Scope of work Clause 7 (b) Page 81	<i>“(b) The Contract duration for the entire scope of work for design, construction, supply, transportation, installation, testing and commissioning of steel pontoons along with all associated items of works shall be eight (8) months from the date of signing of the Contract.”</i>	You have indicated a delivery schedule of eight months for all the sites which is extremely difficult considering the high flood season when the pontoons cannot be towed or moored. We propose a completion time of 14 (fourteen) months from the date of signing the contract. Milestone/ deliverables may be amended accordingly.	Tender Conditions prevail
4.	Part-2 Section - VII Scope of work Clause 14 (a) Page 86	<i>“(a) During the general upkeep and maintenance period, the Supplier shall undertake normal routine maintenance, cleanliness, proper mooring &amp; berthing, replacement, repairs, painting, shifting due to change in river course etc., for safety and serviceability of steel pontoons including HDPE gangways by providing requisite manpower round the clock. The Supplier has to man and maintain the steel pontoons and HDPE gangways installed at each location as per the directions of the EIC.”</i>	The HDPE gangway shall be supplied and erected by a different agency. Hence the responsibility of the pontoon supplier should be restricted to maintenance and upkeep of the pontoon only and the gangway may be excluded.	Since the HDPE gangway shall be supplied by the different agency, as such the maintenance & upkeep of gangway is excluded from scope.
5.	Part-2 Section - VII Technical specification Clause 1.3 (a-2) Page 89	<i>“Classification, Regulations and Certificates c) To be issued by Supplier 1) Builder’s Certificate 2) Official Deadweight Certificates”</i>	Please note Official dead weight certificate is not required for pontoon. Hence this clause may be deleted.	Tender Conditions prevail. However, the official dead weight certificate may be read as the gross tonnage of Pontoon certified by the class/IV Act.
6.	Part-2 Section - VII Technical specification Clause 2.1 (a-v) Page 90	<i>“The steel to be used is to be of IS 2062 Grade B or equivalent and classification.... HULL STRUCTURE 2.1 General (a) Plating (v) Deck plating 6mm chequered plats”</i>	You have indicated deck plate to be 6MM checker plate for quality IS 2062 Gr “B” is not readily available we propose 6-millimeter plate/ checker by welding.	Tender Conditions prevail.

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7.	Part-2 Section - VII Technical specification Clause 3.2 Page 91	<b>“Anchor winches:</b> Electrically operated anchor winch to be installed on both sides of required size shall be provided. Winch also suitable for manual operation. The anchor winch to have one chain pulley/sprocket and one warping head. Lined brakes and couplings to be provided for independent operation of the pulley and the warping head.	You have indicated electrical winches as well as windlass for handling of 600 Kg. anchors. We presume that the requirement is for 2 nos. electrically operated anchor winch suitable for handling of anchors and mooring chains of capacity as required by classification rules. Hence the requirement for windlass may be deleted.	The Tender clause maybe read as: <i>“Anchors of 600 Kg (approximate) capacity may be provided as per the class rules. Accordingly, anchor handling electrically operated winch with lined brakes to be provided on deck for all anchors wherever required”</i>
8.	Part-2 Section - VII Technical specification Clause 3.4 Page 92	<b>“Bollards:</b> Adequate double bollards to be provided on the main deck distributed on the port and starboard side for effective mooring. The bollards placed in heavy foundations with a height of about 200 mm. Total height of the bollards 500 mm. Deck construction in way of bollards shall be reinforced with increased plating thickness and extra stiffeners.”	Bollards of 150 NB mm dia of constructed as per I.S standard should suffice.	The clause shall be read as <i>“Sufficient no of mooring bollard pairs two (2) nos. on starboard and port sides shall be provided of Type-A-ISO-13795 standard. Accordingly, single bollards are also to be provided on both stem and sterns of pontoon.”</i>
9.	Part-2 Section - VII Technical specification Clause 3.5 Page 92	<b>“Fenders:</b> Steel fenders of 300 mm diameter (6 mm thick) are to be provided on either sides for 95% of the length of pontoon. Tyre fenders of sufficient size are also to be provided on both sides in such a manner that the spacing between them does not exceed 1250 mm. Lugs of not less than 16 mm to tie up these tyres are to be welded to the sides.”	Steel Fender of size 300 mm is too large for this type of pontoon. Our opinion is for 200 mm dia half round Fender on river side only as no vessel will be berthed on the shore side. The clause may be amended accordingly.	Steel Fenders are to be provided all around the pontoon perimeter fabricated of half cut pipe of dia 200 mm and 20 NB schedule.
10.	Part-2 Section - VII Technical specification Clause 7.3 Page 93	<b>“Tank Testing:</b> A suitable tank-testing scheme to check for watertightness is to be prepared and submitted to the Purchaser for approval. All tanks and watertight or oil tight compartments are to be tested in accordance with the class requirements. The tests must be carried out after the completion of construction and before painting.”	We propose to carry out tank testing as per “Tank Testing Plan” approved by the classification society.	Tank testing shall be carried out as per tank testing plan approved by IRS.
11.	Part-3 Section - IX Special Conditions of Contract Clause 16.1 (C)	<b>“Reimbursement of Local Taxes such as GST and other similar taxes, to the extent applicable, will be at actuals based on documentary evidence of payment within 30 days of submission of bill with documents.”</b>	Kindly note GST is to be paid with all bills on submission including stage payments. However, the supplier should submit proper returns as per GST norms to be available in GST portals “Reimbursement” clause may kindly be deleted.	Local Taxes such as GST and similar taxes, Will be paid on the submission of Invoice as per GST Act. However, the contractor is to

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	Page 129			provide a copy of GST returns to the authority.
12.	Part-2, Section-VII Technical Specifications Clause 3.1 Page.91	<i>“Anchor winches: Electrically operated anchor winch to be installed on both sides of required size shall be provided. Winch also suitable for manual operation. The anchor winch to have one chain pulley/sprocket and one warping head. Lined brakes and couplings to be provided for independent operation of the pulley and the warping head.”</i>	The capacity required for winches not given.	The Tender clause maybe read as: <i>“Anchors of 600 Kg (approximate) capacity may be provided as per the class rules. Accordingly, anchor handling electrically operated winch with lined brakes to be provided on deck for all anchors wherever required”</i>
13.	Part-2, Section-VII Technical Specifications Clause 3.3 Page.92	<i>“Necessary windlass to be provided for the handling of anchors of 600 kg each. 2 numbers hand operated davits of 1.5-ton SWL each to be provided conforming to IS 5386 (1969”.</i>	Please clarify requirement for handling Anchors of 600 Kg capacity, you need Two winches or One Windlass, with capacity	The Tender clause maybe read as: <i>“Anchors of 600 Kg (approximate) capacity may be provided as per the class rules. Accordingly, anchor handling electrically operated winch with lined brakes to be provided on deck for all anchors wherever required”</i>
14.	Part-2, Section-VII Technical Specifications Clause 3.1 Page.91	<i>“The winches, anchor chain, mooring ropes, shackles etc. shall be as per the class requirement.”</i>	The required length for anchor chain cable is not mentioned in the bid	Tender Conditions Prevails
15.	Part-2, Section-VII Technical Specifications Clause 3.1 Page.91	<i>“Installation of fenders, landing platform, stairs, bollards, passenger shed, lifesaving appliances, portable dry powder fire extinguishers, tactile tiles for visually impaired people, shore connection facilities for electricity etc.”</i>	Area to be covered with tactile tiles not specified	To be provided by the bidder during design approvals and approval of IWAI
16.	Part-2, Section-VII Clause 2.2 Page.79	<i>“The Purchaser’s requirements are that the selected Bidder (hereinafter referred to as the “Supplier”) shall carryout the engineering, design, procurement of materials, construction, supply, transportation (at the respect sites as mentioned in clause 2.1 above), installation, testing &amp; commissioning of the steel pontoons, along with all associated items of works as</i>	Feasibility of transporting this 24 X 6 mtr pontoons in single piece, to all sites to be elaborated.	Tender Conditions Prevails.

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		outlined in this bid document. For this purpose, the Supplier shall conduct all necessary field tests and surveys to satisfy/ verify himself regarding the correctness of the data furnished vis-à-vis actual condition. No claim whatsoever will be entertained for any variation between the actual site condition met with during the execution of the work and those indicated herein.”															
17.	Part-2, Section-VII Technical Specifications Clause 8 Page.93,94	<table><tr><th>Item No.</th><th>Surface</th><th>Scheme</th><th>Avg. Thickness (Microns)</th></tr><tr><td>A.</td><td>1. Bottom/ Underwater hull including all appendage up to 150mm above load water line</td><td>1 x Epoxy primer 1 x Coal tar Epoxy 1 x Coal tar Epoxy 1 x Chlorinated Rubber Sealer coat1 x Chlorinated rubber anti fouling</td><td>1 x 25 1 x 100 1 x 100 1 x 30 1 x 100</td></tr><tr><td></td><td>2. Top side areas</td><td>1 x Epoxy primer 1 x Coal tar Epoxy 1 x Coal tar Epoxy 1 x Chlorinated rubber Sealer Coat 2 x Chlorinated Rubber finish</td><td>1 x 25 1 x 100 1 x 100 1 x 30 2 x 30</td></tr></table>	Item No.	Surface	Scheme	Avg. Thickness (Microns)	A.	1. Bottom/ Underwater hull including all appendage up to 150mm above load water line	1 x Epoxy primer 1 x Coal tar Epoxy 1 x Coal tar Epoxy 1 x Chlorinated Rubber Sealer coat1 x Chlorinated rubber anti fouling	1 x 25 1 x 100 1 x 100 1 x 30 1 x 100		2. Top side areas	1 x Epoxy primer 1 x Coal tar Epoxy 1 x Coal tar Epoxy 1 x Chlorinated rubber Sealer Coat 2 x Chlorinated Rubber finish	1 x 25 1 x 100 1 x 100 1 x 30 2 x 30	Paint Scheme- The specified COLTAR EPOXY scheme is not force for government vessels since long. Please confirm will it be coltar only or we can suggest any alternative as recommended by Paint manufacturers.		Painting Scheme shall be as per marine paint manufacturer. However, the paint shall be finalized with the final approvals of IWAI.
Item No.	Surface	Scheme	Avg. Thickness (Microns)														
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18.	Part-2, Section-VII Clause 14 Page.86	“During the general upkeep and maintenance period, the Supplier shall undertake normal routine maintenance, cleanliness, proper mooring & berthing, replacement, repairs, painting, shifting due to change in river course etc., for safety and serviceability of steel pontoons including HDPE gangways by providing requisite manpower round the clock. The Supplier has to man and maintain the steel pontoons				Is security of these pontoons also in vendors scope after delivery? (up to TWO years)	Successful bidder will be responsible for the general upkeep and maintenance of the supply items for a period of two years. During this period of 2 years the asset shall be secured.										

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		<i>and HDPE gangways installed at each location as per the directions of the EIC.”</i>		
19.	Part-2, Section-VII Technical Specifications Clause 3.5 Page.92	<b>“Fenders:</b> <i>Steel fenders of 300 mm diameter (6 mm thick) are to be provided on either sides for 95% of the length of pontoon. Tyre fenders of sufficient size are also to be provided on both sides in such a manner that the spacing between them does not exceed 1250 mm. Lugs of not less than 16 mm to tie up these tyres are to be welded to the sides.”</i>	Pipe Fender- Its suggested to opt for 200 mm dia pipe instead of 300 mm dia	Steel Fenders are to be provided all around the pontoon perimeter fabricated of half cut pipe of dia 200 mm and 20 NB schedule.
20.	Part-2, Section-VII Technical Specifications Clause 3.4 Page.92	<b>“Bollards:</b> <i>Adequate double bollards to be provided on the main deck distributed on the port and starboard side for effective mooring. The bollards placed in heavy foundations with a height of about 200 mm. Total height of the bollards 500 mm. Deck construction in way of bollards shall be reinforced with increased plating thickness and extra stiffeners.”</i>	It is suggested to freeze height of bollards at 150 mm / 200 mm.	The clause shall be read as <i>“Sufficient no of mooring bollard pairs two (2) nos. on each side starboard and port shall be provided of Type-A-ISO-13795 standard. Accordingly, single bollards are also to be provided on both stem and sterns of pontoon.”</i>
21.	Part 2 Section VII Clause 7.2 (b) (1)	<i>“Submission and approval of final detailed design (approved by authorized classification society / agency / institute &amp; EIC) along with sectional drawings (Good for Construction (GFC) drawings), work plan &amp; methodology with updation / modifications, if any”</i>	Along with the techno Commercial offer we would be attaching only GA and all detailed drawings shall be submitted post winning the bid. Please confirm.	Bid Submission shall be as per Part 2 Section VII Clause 7.2 (b) (1)
22.	Part 2 Section VII Clause 4 (a)	<i>The Supplier shall review the available data and reports if any, pertaining to the works and shall carry out all necessary surveys as required and instructed by EIC. The Supplier shall also make a detailed analysis of the site and existing facilities available for execution of the works.</i>	We wish to have one visit to the site to study the location etc., please advise.	Tender Conditions Prevails  Please refer Part 2 Section VII Clause 4 (a). For facilitating site visit bidder may contact OIC, IWAI Patna.  Tele: dirpat@iwai.gov.in E-Mail: 8902159698
23.	Part – 1 Section III Technical Part Clause 1.1 (A) (b) Page 45, 46	<i>“Experience and Technical Capacity The Bidder shall furnish documentary evidence to demonstrate that it meets the following experience requirement(s): 1. Three (3) Similar Works each costing not less than Rs. 4,78,40,000</i>	The criteria for Past Experience are too high. Execution of single orders worth 4 crores is too stringent for a Small or Medium Scale Manufacturers such as us. We request you to kindly reduce the past experience to: “Supply Installation	Tender Conditions Prevails

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		<p><i>Or</i></p> <p><i>2. Two (2) Similar Works each costing not less than Rs. 5,98,00,000</i></p> <p><i>Or</i></p> <p><i>3. One (1) Similar Work costing not less than Rs. 9,56,80,000”</i></p>	& Commissioning of at least 1no. Steel Floating Pontoons made of MS in last 5 years.”	
24.	Part – 1 Section III Technical Part Clause 1.1 (A) (b) Page 46	<i>“Similar Works” means “Design, construction, supply, transportation, installation, testing and commissioning of inland vessels like propelled/ non propelled barge or pontoon or sea going vessels duly certified by any classification society or registering authorities under Inland Vessel Act or any other relevant act / regulation”</i>	We request you to kindly eliminate “Self-propelled” from the clause as it allows any type of boat manufacturer to submit experience certificates such as that of FRP Boats. Manufacturing and supply of FRP Boats is not related to fabrication of MS pontoons.	Tender Conditions Prevails
25.	Part – 1 Section IV Binding forms Format 3.1 historical financial performances Page 55	-	As per Tender Conditions, bidders have to submit Cash Flow Statement or credit line from Bank etc. Further, bidders shall be submitting the copy of Balance Sheet, ITR and P&L Statements of last 5 years with the Bid. Thus, this appendix becomes irrelevant. We request you to kindly delete this annexure.	Tender Conditions Prevails
26.	Part-2, Section-VII Clause 7.1 Page.81	<i>The Contract duration for the entire scope of work for design, construction, supply, transportation, installation, testing and commissioning of steel pontoons along with all associated items of works shall be eight (8) months from the date of signing of the Contract.</i>	As per Tender the pontoons have to be commissioned with 8 months from the date of Purchase order. Since the Pontoons have to be IRS Certified, it is a tedious and time taking procedure. It not practically possible to supply and install 11nos. pontoons with IRS Certification in 8 months. We request you to kindly allow us to quote for each individual site so that we can bid as per supply capacity.	Tender Conditions Prevails