

DESIGN, CONSTRUCTION, SUPPLY, TRANSPORTATION, INSTALLATION, TESTING AND COMMISSIONING OF STEEL PONTOONS FOR PROVIDING FLOATING TERMINAL FACILITIES AT VARIOUS LOCATIONS ON NW – 1 (GANGA – BHAGIRATHI – HOOGHLY RIVER SYSTEM FROM HALDIA TO VARANASI) IN THE STATE OF BIHAR AND JHARKHAND

IFB No: IN-IWAI-295765-GO-RFB

CPP Portal Ref: 2022_JMVP_693793_1

Amendment – 5

This amendment forms an integral part of the issued Bid Document

S. No.	Bid document Section, Clause	As per Bidding Documents	Amended
1.	Part-1 Section-IV Scope of Work Price schedule for supply as per schedule of Requirements S No. 2 Pg.60	<i>General Upkeep and maintenance for smooth operation/utilization of complete off shore unit consisting of steel pontoon & HDPE gangway at the location for a period of 02 years</i>	General Upkeep and maintenance for smooth operation/utilization of complete off shore unit consisting of steel pontoon at the location for a period of 02 years
2.	Part-2 Section-VII Scope of Work Clause 14 Pg.86	<p>14 General Upkeep and Maintenance</p> <p><i>(a) 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 and HDPE gangways installed at each location as per the directions of the EIC.</i></p> <p><i>(b) The Supplier has to ensure for maintaining the steel pontoon and HDPE gangway by qualified/ trained, competency certificate holders and personnel with adequate experience in the relevant field and nature of work. When the steel pontoon is berthed or moored, the safety of the steel pontoon is also to be ensured by the crew. The contractual charges are inclusive of all the expenses connected to manning and other contractual obligations.</i></p> <p><i>(c) Repair and maintenance of steel pontoon and HDPE gangway must be attended as per marine practice/ guidelines/ statutory requirement and maintenance schedule of the manufacturer. EIC or his representative may</i></p>	<p>14 General Upkeep and Maintenance</p> <p>(a) 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 by providing requisite manpower round the clock. The Supplier has to man and maintain the steel pontoons installed at each location as per the directions of the EIC.</p> <p>(b) The Supplier has to ensure for maintaining the steel pontoon by qualified/ trained, competency certificate holders and personnel with adequate experience in the relevant field and nature of work. When the steel pontoon is berthed or moored, the safety of the steel pontoon is also to be ensured by the crew. The contractual charges are inclusive of all the expenses connected to manning and other contractual obligations.</p> <p>(c) Repair and maintenance of steel pontoon must be attended as per marine practice/ guidelines/ statutory requirement and maintenance schedule of the manufacturer. EIC or his representative may inspect without any prior notice in</p>

		<p><i>inspect without any prior notice in this regard. Details of the repair works as well as maintenance works carried out are also to be recorded in the log-book on completion of each maintenance work.</i></p> <p><i>(d) As the water level fluctuations is approx. 10m vertical and approx. 100m lateral, hence, to ensure connectivity round the year, the mooring arrangement may need to be relocated as per the requirement of steel pontoon and HDPE gangway. In case, the HDPE gangway is removed, a temporary approach from steel pontoon to the bank shall be provided by the Supplier as per the directions of the EIC/his representative.</i></p> <p><i>(e) The Supplier shall ensure shore connectivity of the jetty for smooth embarkment and disembarkment throughout the general upkeep and maintenance period as per the variation in the water level and shift of the channel away from the jetty locations.</i></p> <p><i>(f) Consumables and Stores: All running stores, spare parts, consumables and miscellaneous items required during the general upkeep and maintenance period will have to be provided by the Supplier without any extra cost to the Purchaser. Further, the defects occurring against manufacturing defects, workmanship and serviceability of the various components, individually or compositely to entire work shall be dealt by the Supplier during the general upkeep and maintenance period and without any extra cost to the Purchaser.</i></p> <p><i>(g) The cost of statutory dry-docking will be reimbursed by the Purchaser provided such repairs are carried out with prior permission and sanction to the estimate from the EIC within duration of lay off approved by him.</i></p> <p><i>(a) The work of maintenance of steel pontoon and HDPE gangway i.e. contract management is outsourced completely and no individual operating the facilities will have any claim for absorption in the Purchaser on a regular basis for having been engaged for a specific period. On completion of the Contract, all the facilities will be handed over to the Purchaser without any crew or encumbrance.</i></p>	<p>this regard. Details of the repair works as well as maintenance works carried out are also to be recorded in the log-book on completion of each maintenance work.</p> <p>(d) As the water level fluctuations is approx. 10m vertical and approx. 100m lateral, hence, to ensure connectivity round the year, the mooring arrangement may need to be relocated as per the requirement of steel pontoon. In case, the HDPE gangway is removed, a temporary approach from steel pontoon to the bank shall be provided by the Supplier as per the directions of the EIC/his representative.</p> <p>(e) The Supplier shall ensure shore connectivity of the jetty for smooth embarkment and disembarkment throughout the general upkeep and maintenance period as per the variation in the water level and shift of the channel away from the jetty locations.</p> <p>(f) Consumables and Stores: All running stores, spare parts, consumables and miscellaneous items required during the general upkeep and maintenance period will have to be provided by the Supplier without any extra cost to the Purchaser. Further, the defects occurring against manufacturing defects, workmanship and serviceability of the various components, individually or compositely to entire work shall be dealt by the Supplier during the general upkeep and maintenance period and without any extra cost to the Purchaser.</p> <p>(g) The cost of statutory dry-docking will be reimbursed by the Purchaser provided such repairs are carried out with prior permission and sanction to the estimate from the EIC within duration of lay off approved by him.</p> <p>(h) The work of maintenance of steel pontoon i.e. contract management is outsourced completely and no individual operating the facilities will have any claim for absorption in the Purchaser on a regular basis for having been engaged for a specific period. On completion of the Contract, all the facilities will be handed over to the Purchaser without any crew or encumbrance.</p>
3.	Part-2 Section - VII Technical specification Clause 3.2 Page 91	<p>“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.</p>	<p>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>”</p>
4.	Part-2 Section - VII Technical specification	<p>“Bollards: 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</p>	<p>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>”</p>

	Clause 3.4 Page 92	<i>height of the bollards 500 mm. Deck construction in way of bollards shall be reinforced with increased plating thickness and extra stiffeners.”</i>	
5.	Part-2 Section - VII Technical specification Clause 3.5 Page 92	<i>“Fenders: 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>	The clause shall be read as “Fenders: Steel Fenders are to be provided all around the pontoon perimeter fabricated from half cut pipe of dia 200 mm and 20 NB schedule.”
6.	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>	Tender Conditions Prevails Please refer Part 2 Section VII Clause 4 (a). For facilitating site visit bidder may contact OIC, IWAI Patna. Tele: 8902159698 E-Mail: dirpat@iwai.gov.in
7.	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>	The tender clause shall be read as: <i>“Classification, Regulations and Certificates c) To be issued by Supplier 1) Builder’s Certificate 2) gross tonnage of Pontoon certified by the class/IV Act”</i>
8.	Part-2 Section - VII Technical specification Clause 7.3 Page 93	<i>“Tank Testing: 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.”</i>	The tender clause shall be read as: “Tank Testing: 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. Tank testing shall be carried out as per tank testing plan approved by IRS.”
9.	Part-2 Section VII, Social Guidelines Page No: 93		The Following paragraph may be added after point (i) (j) The Contractor shall at his own expense arrange for the safety or as required by the Engineer-in-Charge, in respect of all labour directly or indirectly employed

			<p>for performance of the Works and shall provide all facilities in connection therewith.</p> <p>In case the contractor fails to make arrangements and provide necessary facilities as aforesaid, the Engineer-in- Charge shall be entitled to do so and recover the cost thereof from the Contractor. But this will not absolve the contractor of his responsibility or otherwise thereof.</p> <p>k) Failure to comply with "Provisions/Rules made for Welfare and Health of Contract Labour" Safety Manual, or the provisions relating to report on accidents and grant of maternity benefits to female workers and the relevant Acts/Rules and shall make the contractor liable to pay to the Authority as liquidated damages an amount not exceeding Rs. 50/- for each default or materially incorrect statement. The decision of the Engineer-in-Charge in such matters based on reports from the inspecting Officers as defined in the relevant Acts and Rules and shall be final and binding and deductions for recovery of such liquidated damages may be made from any amount payable to the contractor. In the event of any injury, disability or death of any workmen in or about the work employed by the contractor either directly or through his sub-contractor, contractor shall at all time indemnify and save harmless the Authority against all claims, damages and compensation under the Workmen Compensation Act. 1923 as amended from time to time or in other Law for the time being in force and Rules there-under from time to time and also against all costs, charges and expenses of any smooth action by proceedings arising out of such accidents or injury, disability or death of a workmen and against all sum or sums which may with the consent of the contractor be paid to compromise or compound any claim in this regard. If any award, decree or order is passed against the contractor for recovery of any compensation under the Workmen Compensation Act, 1923, for any injury, disability or death of a workman by any competent court, the said sum or sums shall be deducted by the Engineer-in-Charge from any sum then due or that may become due to the contractor or from his security deposit or sale thereof in full or part under the contract or any other contract with the Authority towards fulfillment of the said decree, award or orders.</p>
<p>All other terms and conditions shall remain unaltered</p>			