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Assam Inland Water Transport Development Society  
(An Autonomous Body under the Transport Department, Government of Assam)  
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No. AIWTDS /42 (Part-I)/2017/ 248<sup>c</sup>

Dated 12 .04.2021

**Corrigendum-III**

In reference to the tender notification no. AIWTDS/42(Part-I)/2017/213 dated 15.02.2021 for e-procurement notice for "Survey, Retrofitting, Repairs and Class Certification of existing 7(Seven) nos. of Steel Vessels of Inland Water Transport, Assam", 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 upto **27<sup>th</sup> April, 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](http://www.assamtenders.gov.in) is fixed on **27<sup>th</sup> April, 2021 at 16:00 HRS (IST)**

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

Memo No. AIWTDS /42 (Part-I)/2017/248<sup>c</sup> -A

Dated .04.2019

Copy to:

- i) The Director, IWT Assam for information and publishing the Corrigendum-III in the website of DIWT [www.iwtdirectorate.assam.gov.in](http://www.iwtdirectorate.assam.gov.in)
- ii) e-procurement portal of Govt. of Assam viz. [www.assamtenders.gov.in](http://www.assamtenders.gov.in) and AIWTD Society Website [www.aiwtdsociety.in](http://www.aiwtdsociety.in)

iii) OSD to SPD, AIWTD Society for kind appraisal of the State Project Director,  
AIWTD Society.



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

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Corrigendum No. III

Corrigendum Notice No. AIWTDS /42 (Part-I)/2017/ 248  
RFB Notice No.-AIWTDS/42 (Part-I)/2017/ 213

Dated 12.04.2021  
dtd. 15<sup>th</sup> February, 2021

Request for Bids for "Survey, Retrofitting, Repairs and Class Certification of existing 7(Seven) nos. of Steel Vessels of Inland Water Transport, Assam"

Clause Reference	Existing	Modified
<b>Name/Title of Work (In all Sections and clauses of the RFB)</b>	SURVEY, RETROFITTING, REPAIRS AND CLASS CERTIFICATION OF EXISTING STEEL VESSELS OF INLAND WATER TRANSPORT, ASSAM	SURVEY, RETROFITTING AND REPAIRS OF EXISTING STEEL VESSELS OF INLAND WATER TRANSPORT, ASSAM
<b>Schedules Bill of Quantities</b>	The approximate Bill of Quantities is indicated below to give an idea of the work which should be executed in accordance with the specifications to enable the bidder to furnish the item rate price. Quantity of items under Steel work, Cleaning & Painting, Accommodation & Furnishing of the Bill of Quantities may vary depending on the drawings, final specification and class approval.	The approximate Bill of Quantities is indicated below to give an idea of the work which should be executed in accordance with the specifications to enable the bidder to furnish the item rate price.
<b>Sample Bill of Quantities</b>	<b>PACKAGE-I</b> <b>1. RPL Nambor</b> SI No. 1.021: Supplying fitting fixing of Electro Hydraulic Steering System with manual override (for RPL & Marboat) fitting and fixing as per direction (IRS approved)	<b>PACKAGE-I</b> <b>1. RPL Nambor</b> SI. No.1.021: Supplying fitting fixing of Electro Hydraulic Steering System with manual override (for RPL & Marboat) fitting and fixing as per direction (BIS approved)
	SI No. 1.066 : IRS Fees for Inspection and preparation of drawing, Survey certification etc.	No.1.066 : Deleted [ In the Price bid format (BOQ) of e-tender, bidder should quote Rs. 0.00 against the line item. In case bidder quote any price, the same shall be treated as ZERO and evaluation shall be done accordingly]

Clause Reference	Existing	Modified
	<p><b>2. RPL MAHALAXMI</b> SI No.: 2.041: Supplying fitting fixing of Electro Hydraulic Steering System with manual override (for RPL Marboat)</p>	<p><b>2. RPL MAHALAXMI</b> SI No.: 2.041: Supplying fitting fixing of Electro Hydraulic Steering System with manual override (for RPL Marboat) (BIS approved)</p>
	<p>SI No. : 2.068: IRS Fees for Inspection and preparation of drawing, Survey certification etc.</p>	<p>SI No. : 2.068: Deleted [ In the Price bid format (BOQ) of e-tender, bidder should quote Rs. 0.00 against the line item. In case bidder quote any price, the same shall be treated as ZERO and evaluation shall be done accordingly]</p>
	<p><b>3. M.V. Kaziranga</b> SI No.: 3.031 : Supplying fitting fixing of Electro Hydraulic Steering System with manual override (for RPL &amp; Marboat) fitting and fixing as per direction (IRS approved)</p>	<p><b>3. M.V. Kaziranga</b> SI No.: 3.031 : Supplying fitting fixing of Electro Hydraulic Steering System with manual override (for RPL &amp; Marboat) fitting and fixing as per direction (BIS approved)</p>
	<p>SI No.3.091 : IRS Fees for Inspection and preparation of drawing, Survey certification etc.</p>	<p>SI No.3.091 : Deleted [ In the Price bid format (BOQ) of e-tender, bidder should quote Rs. 0.00 against the line item. In case bidder quote any price, the same shall be treated as ZERO and evaluation shall be done accordingly]</p>
	<p><b>4. M.B.KAMESWARI</b> SI No. 4.034 : Supplying fitting fixing of Electro Hydraulic Steering System with manual override (for RPL Marboat)</p>	<p><b>4. M.B.KAMESWARI</b> SI No. 4.034 : Supplying fitting fixing of Electro Hydraulic Steering System with manual override (for RPL/ Marboat) (BIS approved)</p>
	<p>SI No. 4.06 : IRS Fees for Inspection and preparation of drawing, Survey certification etc.</p>	<p>SI No. 4.06 : Deleted [ In the Price bid format (BOQ) of e-tender, bidder should quote Rs. 0.00 against the line item. In case bidder quote any price, the same shall be treated as ZERO and evaluation shall</p>

Clause Reference	Existing	Modified
	be done accordingly]	
	<b>PACKAGE-II</b>	<b>PACKAGE-II</b>
	<b>1. R.P.L. BRAHMAPUTRA</b> SI No. 1.029 : Providing of Electro Hydraulic Steering system with manual override(for RPL &Marbat) fitting & fixing as per direction(IRS approved)	<b>1. R.P.L. BRAHMAPUTRA</b> SI No. 1.029 : Providing of Electro Hydraulic Steering system with manual override(for RPL &Marbat) fitting & fixing as per direction(BIS approved)
	SI No. 1.066: IRS Fees for Inspection and preparation of drawing, survey certification etc.	SI No. 1.066: Deleted [ In the Price bid format (BOQ) of e-tender, bidder should quote Rs. 0.00 against the line item. In case bidder quote any price, the same shall be treated as ZERO and evaluation shall be done accordingly]
	<b>2. R.P.L. DORIKA</b> SI No. 2.029: Providing of Electro Hydraulic Steering system with manual override(for RPL &Marbat) fitting & fixing as per direction(IRS approved)	<b>2. R.P.L. DORIKA</b> SI No. 2.029: Providing of Electro Hydraulic Steering system with manual override(for RPL &Marbat) fitting & fixing as per direction(BIS approved)
	SI 2.068: IRS Fees for Inspection and preparation of drawing, survey certification etc.	SI 2.068: Deleted [ In the Price bid format (BOQ) of e-tender, bidder should quote Rs. 0.00 against the line item. In case bidder quote any price, the same shall be treated as ZERO and evaluation shall be done accordingly]
	<b>3. R.P.L. JOGHIGHOPA</b> SI No. 3.029 : Providing of Electro Hydraulic Steering system with manual override(for RPL &Marbat) fitting & fixing as per direction(IRS approved)	<b>3. R.P.L. JOGHIGHOPA</b> SI No. 3.029 : Providing of Electro Hydraulic Steering system with manual override(for RPL &Marbat) fitting & fixing as per direction(BIS approved)
	SI No. 3.068 : IRS Fees for Inspection and preparation of drawing, survey certification etc.	SI No. 3.068 : Deleted [ In the Price bid format (BOQ) of e-tender, bidder should quote Rs. 0.00 against the line item. In case bidder

Clause Reference	Existing	Modified
Section VII Works' Requirement sSpecificatio ns (General)  2. SCOPE OF WORK		quote any price, the same shall be treated as ZERO and evaluation shall be done accordingly]

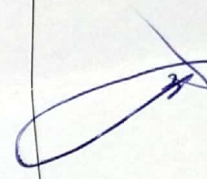
Clause Reference	Existing	Modified
	<p>1. The vessel is to be inspected during repair and refurbishing by classification society in compliance to applicable classification rules for inland vessel Zone-3 operation and to be certified accordingly with appropriate class notation.</p> <p>2. All drawings and documentation as required by class are to be prepared by the contractor and to be approved by class prior to commencement of the particular work.</p>	<p>1. The vessel is to be inspected during repair and refurbishing by IWT Supervising team/ Ship Surveyor in compliance to approved &amp; applicable technical specifications of IWT and to be certified accordingly.</p>
		<p>2. Deleted</p>
	<p>3. All navigation, communication, lifesaving, firefighting and other statutory requirements are to be in compliance with Inland Vessel Act and appended rules and regulations of IWT Assam as per IRS class requirements. The statutory survey is to be carried out by the classification society on behalf of the statutory authorities. Basic requirements should comply the statutory and IRS class requirements: (As per the BOQ)</p>	<p>3. All navigation, communication, lifesaving, firefighting and other statutory requirements are to be in compliance with Inland Vessel Act and appended rules and regulations of IWT Assam.</p>
	<p>4. The compliance to specification requirements, other than classification and statutory requirements will be inspected and certified by the classification society on behalf of the owners.</p>	<p>The compliance to specification requirements as per Inland Vessel Act and appended rules and regulations of IWT Assam, and statutory requirements will be inspected and certified by the IWT Supervising team/ Ship Surveyor.</p>
	<p>6. The buyer reserves the right not to include any or all of the items of work from the published Bill of Quantities. However, all the classification requirements are to be complied with, as the vessel is to be inspected by and brought under class after repair and refurbishment.</p>	<p>6. The buyer reserves the right not to include any or all of the items of work from the published Bill of Quantities.</p>
	<p>7. The scope of work is as mentioned below: Docking, completion of Ultrasonic Sound Gauging and identification of steel renewal with class approval:</p>	<p>7. The scope of work is as mentioned below: Docking, completion of Ultrasonic Sound Gauging and identification of steel renewal as per IWT requirement.</p>

Clause Reference	Existing	Modified
	<p>ii) Ultrasound gauging of hull, deck and other structural steel work at 1mx 1m grid and reporting on drawing in comparison with Class Rule thickness and preparing the deviation chart, location wise marked on the steel plan.</p> <p>iii) Survey of the vessel and find out all other deficiencies which are required as per Class requirements.</p> <p>iii) Undocking as per instruction of the employer depending on completion of Phase I or Phase II.</p>	<p>ii) Ultrasound gauging of hull, deck and other structural steel work at 1mx 1m grid in comparison with IWT practice.</p> <p>iii) Survey of the vessel and find out all other deficiencies which are required as per IWT practice.</p> <p>iii) Undocking as per instruction of the employer.</p>
	<p><b><u>Repairing &amp; Retrofitting of Vessels (Where applicable)</u></b>            After successful completion of Phase I, AIWTDS will continue the repairing and retrofitting work of the vessels as described in this request for bid..</p> <p>The major scope of work under this work will entail the following:</p> <p>a) <b><u>Drawings</u></b>            Making necessary drawing that will be required by Class for bringing the vessel under Class. The following drawings but not limited to need to be prepared to comply with the classification requirement</p> <ol style="list-style-type: none"> <li>GA drawings and line diagram</li> <li>Preliminary stability calculation</li> <li>System drawings (Line diagram)</li> <li>Electrical load calculation</li> <li>Classification Approval certificate of MIEs, GB, Gen sets etc</li> <li>Power and Endurance Calculations</li> </ol>	<p><b><u>Repairing &amp; Retrofitting of Vessels (Where applicable)</u></b></p> <p>AIWTDS will continue the repairing and retrofitting work of the vessels as described in this request for bid..</p> <p>The major scope of work under this work will entail the following:</p> <p>a) <b><u>Drawings</u></b>            Deleted</p>



Clause Reference	Existing	Modified
	<p><b>b) <u>Repairing</u></b> The Contractor will do the repairing of steel hull and superstructure with classification society approved ship building Steel under IACS class inspection and as per the Bill of Quantities provided.</p> <p><b>c) <u>Engine, Propulsion Train and DG</u></b> The contractor will change the engine and propulsion train. Diesel Generator will be replaced/installed by the Contractor.</p> <p>Each vessel shall be provided with twin main engines and propulsion systems. All systems shall be designed with integrated controls for remote operation from the wheelhouse. The control function will have the capability of shutting-down engines if it operating outside predetermined parameters. It shall include an alarm and monitoring capability which shall inform the operator (engineer) on the functioning and fault finding of all system components.</p> <p>Main engines shall be diesel driven units, each driving reversible reduction gearbox and fixed pitched propellers through water lubricated stainless steel shafting.</p> <p>All diesel engines shall be four stroke, engines designed for marine applications with a heavy duty continuous annual usage ratings for at least 2,800 hrs product support and spare parts availability in India. The engines are to comply with classification requirements.</p>	<p><b>b) <u>Repairing</u></b> The Contractor will do the repairing of steel hull and superstructure with IWT approved ship building Steel under inspection of IWT Assam and as per the Bill of Quantities provided.</p> <p><b>d) <u>Brand New Engine, Propulsion Train and DG (Where applicable)</u></b> The contractor will change the engine and propulsion train. Diesel Generator will be replaced/installed by the Contractor.</p> <p>Each vessel shall be provided with Brand New type approved marine twin main engines and propulsion systems. All systems shall be designed with integrated controls for remote operation from the wheelhouse. The control function will have the capability of shutting-down engines if it operating outside predetermined parameters. It shall include an alarm and monitoring capability which shall inform the operator (engineer) on the functioning and fault finding of all system components.</p> <p>Main engines shall be diesel driven units, each driving reversible reduction gearbox and fixed pitched propellers through water lubricated stainless steel shafting.</p> <p>All diesel engines shall be four stroke, engines designed for marine applications with a heavy duty continuous ratings for at least 2,800 hrs annual usage profile and having indigenous product support and spare parts availability in India.</p>

Clause Reference	Existing	Modified
	<p><b>e) Fittings</b> Replacing and adding necessary fittings required to bring the vessel under classification.</p> <p>A check to ensure that all portions of the vessel, its fittings, systems, deck fittings, mooring arrangements, and other such items as may be required by the Specification, have been built or installed in accordance with the requirements of the specification.</p>	<p><b>e) Fittings</b> Replacing and adding necessary fittings required to bring the vessel for satisfactory IWT operation.</p> <p>A check to ensure that all portions of the vessel, its fittings, machinery, piping, electrical systems, deck fittings, mooring arrangements, anchoring arrangement, and other such items as may be required by the Specification, have been built or installed in accordance with the requirements of the specification.</p>
	<p><b>g) Classification of Vessels</b> The vessel is to be repaired and refurbished under class supervision so that after repair and refurbishment vessels are brought under class purview.</p>	<p><b>g) Complaine of Vessels</b> The compliance to specification requirements as per Inland Vessel Act and appended rules and regulations of IWT Assam , and statutory requirements will be inspected and certified by the IWT Supervising team/ Ship Surveyor . The vessel is to be repaired and refurbished under IWT supervision so that after repair and refurbishment vessels are brought under operation of IWT Assam.</p>
<b>Drawings</b>	<p><i>Drawings to be prepared by the appointed contractor. Contractor shall make necessary drawing that will be required by class for certification of the vessel under class.</i></p>	Deleted



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Additional State Project Director  
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