



অসম চৰকাৰ
আভ্যন্তৰীণ জল পৰিবহন, অসম

GOVERNMENT OF ASSAM
OFFICE OF THE DIRECTOR:: INLAND WATER TRANSPORT, ASSAM
ULUBARI:: GUWAHATI -7

Website: <http://iwtdirector.assam.gov.in> Telephone no-0361-2526421 E-mail: diwtassam01@gmail.com

No : DWT-(T) 55/2017-18/Pt-II/11

Dated Guwahati the 24th Feb'2020

TENDER DOCUMENT
OF
Restructuring and renovation of vessel P.T. Godapani under IWT
Commercial service Guwahati.

Director
Inland Water Transport, Assam
Ulubari, Guwahati-7



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TENDER NOTICE

Tender No-DWT (T)-55/2017-18/P-II/ 11

Dated 24th Feb'2020

The Directorate of Inland Water Transport, Govt. of Assam invites Request for Proposal (RFP) single bid system from the registered contractors having experience and registered shipbuilders under this Directorate for major Renovation and modification works of different vessels as mentioned below under 14-Minor works(SOPD-G) for the year 2019-20 The approved Project cost for Restructuring & renovation works of Pusher Tug **P.T.Godapani** (Assam-96) under IWT Directorate(HQ) is **Rs 59,44,971.00** only. Estimated cost of works mentioned below are inclusive of all taxes/charges including test and trials as per norms. Complete RFP document shall be available on website of IWT, Assam <http://iwtdirectorate.assam.gov.in> and www.assamtenders.gov.in. Intending tenderers are required to register at portal of **e-tender** of the Assam Govt. www.assamtenders.gov.in and participate through the online tender portal only.

1.	Date of downloading tenders	25-02-2020	
2.	Last date and time of submission of Tender	11-03-2020	(15 00 hours)
3.	Date and time of opening of tender	11-03-2020	(15 30 hours)

Director
Inland Water Transport, Assam
Ulubari, Guwahati-7

Memo No. . **DWT (T)-55/2017-18/P-II/ 11-A**

Dated Guwahati, the 24th Feb'2020

Copy to :-

Copy forwarded for favour of kind information and necessary action to:-

1. P.S to the Commissioner & Secretary to the Govt. of Assam, Transport Deptt. Dispur, Guwahati-6 for kind appraisal to the Commissioner & Secretary.
2. The Director of Information and Public Relation, Government of Assam, Dispur, Guwahati-6 for arranging publication of the above notification in leading daily English and Assamese News Papers of Assam. 5(five) copies of Notice are enclosed herewith for favour of his information and necessary action.
3. The ASPD, Assam IWT Development Society for publication of the same in the Assam govt. e-tender portal www.assamtenders.gov.in.
4. The Joint Director, IWT, Assam, Guwahati-7
5. The River Surveyor /Deputy Director (Design)/ Deputy Director (Com) IWT, Assam, Guwahati-7.
6. The Executive Engineer, IWT, Division Guwahati/ Dibrugarh/ Silchar.
7. The Asstt. Executive Engineer, I.W.T. Sub-Division, Goalpara/GuwahatDibrugarh/Jorhat Hailakandi.
8. The Finance and Accounts Officer, IWT, Directorate.
9. Admin. IWT web site, Directorate Assam, for publication the same in IWT web site.
10. Office Notice Board.

Director
Inland Water Transport, Assam
Ulubari, Guwahati-7

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GOVERNMENT OF ASSAM

OFFICE OF THE DIRECTOR:: INLAND WATER TRANSPORT (IWT), ASSAM

ULUBARI, GUWAHATI-781007 Website: <http://iwtdirectorate.assam.gov.in>

Telephone no-0361-2526421 E-mail: diwtassam01@gmail.com

SECTION –I

NOTICE INVITING E-TENDER

TENDER DOCUMENT FOR “RE-CONSTRUCTION AND RENOVATION OF VESSEL PT GODAPANI UNDER IWT COMMERCIAL SERVICE ,GUWAHATI

The Inland Water Transport, Assam hereby invites **online tenders/bids** from registered contractors/ shipbuilders under this Directorate for Major Renovation and modification works of different vessels as mentioned below under 14-Minor works(SOPD-G) for the year 2019-20 for the above mentioned work as per details given below. Intending tenderers are required to register at portal of e-tender of the Assam Govt. www.assamtenders.gov.in and participate through the online tender portal only.

S.No.	Description	Approved Project cost (for 16 nos.)	EMD	Time of completion
1	“Re-CONSTRUCTION and renovation of vessel PT Godapani under IWT Commercial Service, Guwahati	Rs.59.44971 Lakh	Rs.1,18,900.00 (Rupees One lakh eighteen thousand nine hundred) only	12months (Twelve months)

TERMS & CONDITIONS

Interested bidders may download the bid document from IWT’s website <http://iwtdirectorate.assam.gov.in>, and Assam Govt. e-tender portal www.assamtenders.gov.in as per the schedule as given in Critical Date Sheet as under-

Critical dates:

Publishing Date	25-02-2020
Document Download/Sale Start Date	26-02-2020
Document Download/Sale End Date	11-03-2020
Seek Clarification Start Date	27-02-2020
Seek Clarification End Date	03-03-2020
Pre bid meeting	---
Bid Submission Start Date	04-03-2020
Bid Submission Closing Date	11-03-2020 at 15 00 hours
Bid Opening Date	11-03-2020 at 15 30 hours

Applicant submitting the downloaded version would need to pay the cost of tender document/bid along with the hard copy of Technical Bid through Demand Draft of any Nationalized Bank amounting to Rs.1000/-(Rupees one thousand) only drawn in favor of “Director, Inland Water Transport, Assam” payable at Guwahati (Assam) and to be submitted before the tender closing date and time.

1. Tender document will be available on the aforesaid website from 26.02.2020 to 11.03.2020. A signed declaration stating that no alteration has been made in any form in the downloaded tender document/bid is to be enclosed with the tender by bidder for downloaded tenders. The amendment/clarification, if any, to the document will be available on the above website.
2. Tenderer shall agree to the terms & conditions given below of the tender and submit the tender online.

GENERAL TERMS & CONDITION

1. The tender is to be addressed to the Director ,IWT, Assam, Ulubari, Guwahati -7 and to be submitted to the office of the Directorate, IWT, Assam, Guwahati-7 in a sealed cover super-scribing the name of the work on the envelop.
2. The tenderer must submit the following documents along-with the tenders :
 - i. Copy of PAN Card.
 - ii. GST Registration Certificate and clearance certificate.
 - iii. In case of partnership firm or a limited company, the tenderer must furnish the partnership deed, certificate of company registration and power of Attorney.
 - iv. Earnest money @ 2% on the estimated value in the form of Call deposit/Bank Draft etc. of any Nationalised Bank duly pledged in favour of the Director, IWT, Assam, Ulubari, Guwahati-7,

which will be retained as security money in respect to the successful tenderer. In case of ST/SC/OBC & MOBC, the earnest money will be 1% of the estimated cost.

- v. Copy of registration certificate.
 - vi. Experience certificate / photo copy of same nature of work order etc.
3. The tenderer must quote their rate in the cost schedule of e-tender portal.
 4. Schedule of completion of work –within 12 (twelve) month which will be effected from the date of issue of the formal work order.
 5. The Department will not make any advanced payment. Payment will be made subject to availability of fund.
 6. The acceptance of the tender will rest with the Director, IWT, Assam, Guwahati-7 who is not bound to accept the lowest rate and reserve the right to reject any or all tenders without assigning any reason thereof .
 7. The tenderer shall acquire full knowledge on all conditions of contract. Submission of tender implies that he/ they has / have read this notice with details particulars, condition of contract and has / have made himself / themselves aware of the scope and specification and other fact & figure etc. bearing on the tender fully satisfied himself / themselves.
 8. The incomplete tender who does not fulfill the required conditions are liable to be rejected summarily.
 9. The Jurisdiction of all kind of legal proceeding in any matter arising out of the contract shall always be at Guwahati.
 10. Validity of this Tender is 90 days.
 11. If the work is found beyond the approved specification and not started or completed within stipulated time, then the Director IWT, Assam is the sole authority to reject or termination of work-order partly or fully.

12. (A) Eligibility Criteria : (With supporting documents)

- I. The bidder must have the qualified and experienced technical manpower for construction and delivery on schedule.
- II. The bidder should have a good record of delivering of the vessels on time. (Work order and completion certificate to be attached to check for completed works)
- III. Completed “**similar works**” in last **5(five)** years in which bids are invited fulfilling either of the following criteria (Copies are to be submitted)
- IV. 2(two) similar completed works costing not less the amount equal to 50% of the estimated cost.
Or
- V. 1(one) similar completed work costing not less than the amount equal to 80% of this estimated cost. Documentary proof such as Work Order, completion certificate along with any other supporting document must be submitted.
- VI. The bidding Firm or Partners have an average annual financial turnover for Ship repairing work of not less than 40% of the estimated cost for the Preceding 3(three) financial years. Audited C.A. certified copies of balance sheet showing turnover for the preceding financial 3 years should be submitted along with the tender documents.

(SECTION-II)

Instruction To Bidders (ITB) including Instruction to the Contractors / Bidders for the e-submission of the bids online through the Public Procurement Portal for E-procurement of Govt. of Assam:

Intending renderers are required to register at portal of e-tender of the Assam Govt. www.assamtenders.gov.in and participate through the online tender portal only.

A hard copy of the technical bid along with the original tender fees and EMD, exactly same as that of online submission are to be submitted to the office of the Director, Inland Water Transport, Assam before the Closing date and time of submission of the tender, i.e by 1500 hours of 11-03-2020. Price bid is to be submitted online only.

- 1) Bidder should do the enrolment in the e-Procurement site of www.assamtenders.gov.in. During enrolment/registration, the bidders should provide the correct/true information including valid email id. All the correspondence shall be made directly with the bidders through email id provided.
- 2) If there are any clarifications needed, this may be obtained online through the email if any. Bidder should take into account of the corrigendum published before submitting the bids online.
- 3) It is construed that the bidder has read all the terms and conditions before submitting their

offer. Bidder should go through the tender schedules carefully and upload the documents as asked; otherwise, the bid will be rejected.

- 4) Bidder, in advance, should get ready the bid documents to be submitted as indicated in the tender document/schedule and generally, they can be in PDF/xls/jpg/ formats.
- 5) If there are more than seven documents, they can be clubbed together and can be provided in the requested format.
- 6) Bidder should submit the Tender Fee/ EMD as specified in the tender. Earnest money shall be accepted in the form of Demand Draft/ Fixed Deposit of any Nationalized Bank pledged in favour of “Director, Inland Water Transport, Assam” to be submitted along with the hard copy of the tender at office of the Director, Inland Water Transport, Assam, Ulubari, Guwahati-781007 before the closing time of the tender. Scanned copy of the instrument should be uploaded as part of the offer.
- 7) The details of the DD/any other accepted instrument, physically sent, should tally with the details available in the scanned copy and the data entered during bid submission time. Otherwise submitted bid will not be acceptable.
- 8) If the price bid format is provided in a spread sheet file like BoQ, the rates offered should be entered in the allotted space only and uploaded after filling the relevant columns. The Price Bid/BOQ template must not be modified/replaced by the bidder, else the bid submitted is liable to be rejected for this tender.
- 9) The bidder should ensure/see that the bid documents submitted should be free from virus and if the documents could not be opened, due to virus, during tender opening, the bid is likely/liable to be rejected.
- 10) For any queries, the bidders are requested to contact through the modes given below:

Director
Inland Water Transport, Assam
Ulubari, Guwahati-7
Website: <http://iwtdirector.assam.gov.in>
Telephone no-0361-2526421
E-mail: diwtassam01@gmail.com

A. General Instructions

1. Scope of Bid

1.1 Owner (Director, IWT, Assam) invites online bids for “**RE-CONSTRUCTION AND RENOVATION OF VESSEL PT GODAPANI UNDER IWT COMMERCIAL SERVICE , GUWAHATI**” as described in these documents and referred to as “the works”. The bidder at their own cost can submit their bid towards the work.

1.2 The successful bidder will be expected to complete the works within stipulated time.

1.3 Throughout these bidding documents, the terms “bid” and “tender” and their derivatives (bidder/tenderer, bid/tender, bidding/tendering, etc.) are synonymous.

2. Source of funds

2.1 The expenditure of this project will be met by Inland Water Transport, Govt. of Assam (IWT Assam) under approved budget provision of Assam State Capital budget component under **SOPD-G**.

3. Eligible Bidders

3.1. This Invitation for online Bids is open to those Tenderers who satisfy the pre-qualification as per the conditions given in the Tender Notice.

3.2. Bidders shall not be under a declaration of ineligibility for corrupt and fraudulent practices by the Central Government, the State Government or any public undertaking, autonomous body, authority by whatever name called under the Central or the State Government.

4. Qualification of the Bidder

4.1. This invitation for online bids is open to all contractors meeting the eligible qualifications as described in this document.

5. Documents

5.1 All bidders shall include the scanned copy of following information and documents with their bids online.

- (a) Bidding documents downloaded from the website <http://iwtdirectorate.assam.gov.in>, and www.assamtenders.gov.in
- (b) Copies of original documents defining the constitution or legal status, place of registration, and principal place of business; written power of attorney of the signatory of the Bid to commit the Bid. Also the scanned affidavit affirming that information he has furnished in the bidding document is correct to the best of his knowledge and belief must be uploaded. (The original affidavit is to be deposited in the office along with the Hard copy of the Tender Document before the bid submission closing date.
- (c) Documentary evidence to prove the pre-qualification criteria. Work orders, Completion certificates with satisfactory performance certificates from clients etc. to establish professional experience of similar work and monetary value of similar works performed for each **of the last five years.**
- (d) Reports on the financial standing of the Bidder, and a certificate from Chartered Accountant as a proof of turnover for the past three years. **CA certified copies of Audited Balance sheet and ITR of last three financial years.**
- (e) PAN card, GST Registration Certificate and proof of financial solvency also scan copy of the bank instrument to be deposited as EMD and Tender fee.

B. Bidding Documents

1. Content of Bidding Documents

1.1 The Tender Documents contain:

- (a) Notice inviting tender
- (b) Instructions to Tenderers
- (c) General Conditions of Contract
- (d) Special Conditions of Contract
- (e) Technical specifications
- (f) Forms of Bid

1.2 The Tenderer is expected to examine all instructions, forms, terms and conditions in the Tender Documents. Failure to furnish all information required by the Tender Documents or submission of a Tender that is not substantially responsive to the Tender Documents in all respect, will result in the rejection of their Tender.

2. Clarification of Bidding Documents

- 2.1 A prospective Bidder requiring any clarification of the bidding documents may notify the owner by email or in writing at the owner's address indicated in the Notice Inviting Tenders.
- 2.2 If a pre-bid meeting is to be held, the bidder or his official representative is invited to attend it. Its date, time and address are given in the Terms & Conditions of Notice Inviting Tender.

3. Amendment of Tender Documents

- 3.1 At any time prior to the deadline for submission of Tenders, the client may, for any reason, modify the Tender Documents by an amendment.
- 3.2 The amendment will be notified in the e-tendering portal to all prospective Tenderers who have received the Tender Documents and will be binding on them. The amendment shall be duly signed by the authorized signatory.

C. Preparation of Tenders

1. Language of Tender

1.1 The Tender and all correspondence and documents relating to the Tender shall be in the English language only.

2. Price Tender

- 2.1 The Tenderer shall complete the Form for Price bid furnished in the Tender Documents. Tenderers should prepare their bid strictly according to this format, filling in all the blank spaces. Price quoted should be inclusive of all taxes, duties, cess etc.
- 2.2 Prices quoted by the Tenderer shall be fixed and firm during the Tenderer's performance of the Contract and shall not be subject to any escalation on any account. A Tender submitted with an adjustable Price quotation and Tender with conditions is liable for rejection. The decision of the Client will be final in this regard.
- 2.3 The intending Tenderers shall be deemed to have studied the Tender papers, studied the site conditions, availability of labour, transportation problems, unloading procedures, if any, and the locality of the work, facilities available and has taken into account all aspects affecting the execution of contract, before submitting the Tender.

3. Tender Currencies

- 3.1 For all goods and services covered in this Tender Document, Prices shall be quoted in Indian Rupees only.

5. Bid Validity

- 4.1 Bids shall remain valid for a period of 120 days after the deadline date for bid submission.

6. Earnest Money Deposit (EMD)

- 5.1 The Tenderer shall furnish as part of their Tender, EMD as specified in the Tender Notice.
- 5.2 Any Tender not accompanied by EMD will be rejected by the client as non-responsive.
- 5.3 No interest shall be paid by the client on the EMD deposited by the Tenderer.
- 5.4 Unsuccessful Tenderer's EMD will be returned as promptly as possible, but not later than 30 days after the expiration of the period of Tender validity prescribed by the client.
- 5.5 The successful Tenderer's EMD will be discharged upon the Tenderer executing the Contract, and furnishing the Performance Guarantee.

5.6 The EMD may be forfeited:

- (a) If a Tenderer withdraws their Tender during the period of validity.
- (b) In the case of the successful Tenderer fails:
- i) to sign the Contract agreement or
- ii) to furnish Performance security as mentioned in the Tender.

6. Format and Signing Of Tender

- 6.1 The Bidder shall submit online bid comprising of the documents as described in Clause 5 of A. General Instructions and other documents as specified in the tender.
- 6.2 The Bid shall be signed by a person or persons duly authorized to sign on behalf of the Bidder. All pages of the Bid shall be signed by the person or persons signing the Bid.
- 6.3 The Bid shall contain no overwriting, alterations or additions, except those to comply with instructions issued by the Owner, or as necessary to correct errors made by the Bidder, in which case such corrections shall be made by scoring out the cancelled portion, writing the correction and signing and dating it along with the stamp by the person or persons signing the Bid.

D. Submission of bids

1. Online submission of Bids

The Bidder shall submit online bids only. (One hard copy of the Bid along with the original tender fee and EMD, exactly same of that the online submission is to be submitted to the office of the Director, Inland Water Transport, Assam Ulubari, Guwahati-7 prior to the closing time of the tender.)

2. Deadline For Submission Of Tenders

2.1 Complete online Bids must be received by the bid submission closing date and time.

3. Modification and Withdrawal of Bids

3.1 Bidders may modify or withdraw their bids online before the deadline.

3.2 Withdrawal or modification of a Bid between the deadline for submission of bids and the expiration of the original period of bid validity specified in Clause C.4.1 above shall result in the forfeiture of the Bid security pursuant to Clause 5 of C Preparation of tender.

E. Bid Opening And Evaluation

1. Bid Opening

1.1 Online Bid opening shall be carried out in two stages. Firstly, 'Technical Bid' of all the online bids received shall be opened on the date and time mentioned in the Appendix to ITB. 'Financial Bid' of those bidders whose technical bid has been determined to be responsive and on evaluation fulfils the criteria laid down in Clauses shall be opened on a subsequent date, which will be notified to such bidders.

1.2. The Owner will open the online " Bid" of all the bids received , including modifications of Bid made pursuant to Clause D.3 above in the presence of the bidders/bidders' representatives who choose to attend at the time, date and place specified in the Appendix to ITB. In the event of the specified date for the submission of bids being declared a holiday for the Owner, the Bids will be opened at the appointed time and location on the next working day.

1.3. After the opening of the bids their evaluation will be taken up with respect to prequalification and technical information.

2. Clarification of Bids and Contacting the Owner

2.1. No Tenderer shall contact the Client on any matter relating to their Tender, from the time of the Tender opening to the time the Contract is awarded.

2.2. Any effort by a Tenderer to influence the client in the Tender evaluation, Tender comparison or Contract award decisions may result in the rejection of their Tender.

3. Examination of Bids and Determination of Responsiveness

3.1. During the detailed evaluation of "Bids", the Owner will first determine whether each Bid

(a) meets the eligibility criteria defined in Clauses 3,4 and 5 of A. General Instruction.

(b) has been properly signed;

(c) is accompanied by the required securities; and

(d) is responsive to the requirements of the bidding documents.

3.2. After the above process is completed the specification/offer of the responsive bidders will be examined with respect to specifications provided in the tender document, clarifications, if any, at this stage in respect of the technical parameters offered by the bidder will be sought from the bidders. Thereafter, the bids, which conform, to the terms, conditions, and specifications of the bidding documents, without material deviation or reservation will be considered as responsive for evaluation.

GENERAL CONDITION OF CONTRACT.

Definitions :

1.

- i) In this Tender and specification the words and expressions given below shall have the following meaning :-
 - (a) DIWT : Means Director of Inland Water Transport, Assam
 - (b) Contractor: Means the Company, Firm, person or persons whose tender has been accepted by the deptt. and includes Contractor's successors, representatives, heirs, executors, and administrators unless excluded by contract.
 - (c) Deptt. Department means the Inland Water Transport, Assam under the Transport Department, Govt. of Assam.
 - (d) Government: Means the Government of Assam.
 - (e) Inspecting Authority or Inspector: Means the officer of the deptt. or any other person time to time appointed by the deptt. to act as an Inspecting Authority or Inspector for the purpose of the contract.
 - (f) Vessel / Boats: Means the vessel/ boats for which this tender is invited to be designed, constructed, equipped and delivered afloat in accordance with the contract and modification, if any, as mutually agreed upon.
 - (g) Purchaser: Means represented by the DIWT and includes his successor or assign.
 - (h) Representative: Means the officer appointed by the Director IWT Assam on behalf of the deptt. to receive the vessel/boat/ pontoons along with spares and equipment etc. on their behalf upon delivery as per specified design and drawing.
 - (i) Test : Means test or tests as are prescribed in the specification to be made by the contractor/Purchaser or their nominee, before the vessel/boat are taken over by the purchaser.
 - (j) Variation: Includes alternations, amendments, omissions, addition or suspension of the work.
 - ii) Marginal Headings: The marginal headings or notes of each of the clauses in these condition shall not be deemed as a part thereof or to be taken into consideration in the interpretation or construction thereof or of the contract.
 - iii) Words imparting the singular only also include the plural and vice versa where the context requires.
2. (a) **Parties :** The parties to the contract are the contractor and the purchaser.
- (c) **Authority of person signing the contract on behalf of the contractor :** A person signing the tender or any other documents in respect of the contract on behalf of the

contractor without disclosing his authority to do so shall be deemed to warrant that he has authority to bind the contractor. If it is discovered at any time that the person so signing had no authority to do so, the DIWT on behalf of the Deptt. may without prejudice to any other right or remedy the purchaser, cancel the contract and make or authorize the making of a purchase of the vessels/boat at the risk and cost of such person and hold such person liable to the purchaser for all costs and damages arising from the cancellation of the contract including any loss which the purchaser may sustain contract including any purchase. The provisions of clause in apply to every such purchase as far as applicable.

(c) **Address of the Contractor and notices and communication on behalf of the purchaser:**

(i) For all purpose of the contract including arbitration there under, the address of the contractor mentioned in the tender shall be the address to which all communication addressed to the contractor shall be sent, unless the contractor has notified a change by a separate letter containing no other communication and sent by registered post due to DIWT, Assam. The contractor shall be solely responsible for the consequence of a commission to notify a change or address in the matter aforesaid.

(ii) Any communication or notice on behalf of the purchaser in relation to the contract may be issued to the contractor by the Director IWT and such communication and notices may be served on the contractor either by fax/e-mail or courier of registered post or under certificate of posting or by ordinary post or by hand delivery at the option of Director.

3. **Authority of the DIWT** :-For all purpose of the contract including arbitration proceedings there under the DIWT on behalf of deptt. Shall be entitled to exercise all the right and power of the purchaser.

i. **Delegation of powers:-**The Director on behalf of the Deptt. may from time to time delegate to any person operations to be named by him such of the powers, authorities and discretions vested in him by the contract as he may think fit and the contractor shall recognized such person on written notice from the DIWT of his or their appointment and of the powers, authorities and discretions respectively delegated to him or them as lawfully exercising for the purpose of this contract the powers, authorities and discretions so delegated provided that the DIWT on behalf of the Deptt. Shall not delegate the powers, deptt. and discretions conferred on him by the clause 21 hereof.

4. **Responsibility of the contractor for execution of the contract :**

(i) **Risk in the construction:** The contractor shall perform the contract in all respects in accordance with the terms conditions thereof. The vessels/boats/pontoons and every constituent part thereof agents and employees or in the joint possession of the contractor, his agent or employee or employees and the purchaser, his risk of the contractor until their actual delivery to the representatives at the stipulated place or destination or delivery to a person specified in the schedule as interim consignee for the purpose of dispatch to the consignee. The contractor shall be responsible for all loss, destruction, damage or deterioration of or to the vessels /boats/ pontoons after by the

Inspector are awaiting delivery or are in the course on transit from the contractor to the consignee or interim consignee as the case may be.

(ii) **Responsibility for completeness:** Irrespective of any inspection and tests and trial made by the Inspector, the Contractor shall be entirely responsible for the proper execution of the contract notwithstanding any approval which may be given by the Inspector or the Contractor. Any fittings, accessories which may not be specially mentioned in the specification but which are usual or necessary are to be provided by the Contractor without extra charge.

(iii) **Subletting the Contract:** The Contractor shall not assign lease or sublet or cede this contract or the benefit hereof or any part thereof or any money payable hereunder or sublet the services to be rendered as afore said or any part thereof to any other person or company without the previous permission of the department certified in a writing under the hands of the DIWT and no assignment, lease cession or subletting although so permitted shall exonerate the Contractor from his liability under this contract and the Deptt. shall not be bound or required to take notice or give effect to any such assignment, lease cession or subletting unless the same shall have been made with such permission as afore said Provided Always the contractor may procure any necessary materials to be manufactured for the purposes of this contract by any person, firm or company whose names shall have been submitted to and approved by the DIWT on order but no such approval shall relieve the Contractor from any responsibility or obligations with reference to any such materials.

(iv) (a) **Changes in a Firm:**

(i) Where the contractor is a partnership firm a new partner shall not be introduced in the Firm except with the previous consent in writing of the DIWT or on behalf of Department which may be granted only upon acceptance of a written undertaking by the new partners to perform the contract and to accept all liabilities incurred by the Firm under the contract prior to the such undertaking.

(ii) On the death or retirement of any partner of the contractor Firm before complete performance of the contract of the DIWT, Assam on behalf of Deptt. may, at his opinion cancel the contract and in such case the contractor shall have no claim whatsoever to compensation against the purchaser.

(iii) If the contract is not determined as provided in sub-clause (ii) above notwithstanding the retirement of a partner under the contract for the acts of the firm until a copy of the public notice given by him under Section 32 of the partnership act has been sent by him to the DIWT, Assam registered post acknowledgement due.

(b) **Consequence of Breach:** Should the contractor or a partner in the contractor firm commit breach of either of the conditions (iii) or (ii) or (i) of this sub-clause, it shall be lawful for the DIWT, Assam to cancel the contract and purchase or authorize the purchase of the Vessels/ Boats/ pontoon(s) at the risk and cost of the contractor and in that event the provisions of Clause 27 of Integral Conditions and Clause 14 of Special conditions shall as far as applicable apply. The decision of the DIWT as to any matter or thing concerning or arising out of this sub-clause or any question whether the contractor or any partner of the contract firm has committed a breach of any of the conditions in this sub-clause contained shall be final and binding on the contract.

(c) **Assistance to the contractor:**

(i) The contractor shall be solely responsible to procure by material or obtain any import or other license required for fulfillment of the contract and the grant by the DIWT or any other authority of a quota certificate or permit required under any law for distribution or acquisition of iron and steel, or any other commodities or any other form of assistance, the procurement of materials aforesaid shall not be instructed as a representation of the part of the purchaser that the materials covered by such license or permit quota certificates available or constitute any promise, undertaking or assurance the part of the purchaser regarding the procurement of the same or effect any variation in the rights and liabilities of the assistance as aforesaid, the contractor obtain any materials at less than their market price or the cost of production of the vessels / boats/ pontoons is lowered, the price of the vessels/boats/pontoons payable under the contract shall be reduced proportionately and the extent of such reduction shall be reduced proportionately and the extent of such shall be final and binding on the contract.

(ii) Every agreement made by the Director IWT Assam on behalf of the deptt. of supply or give assistance in the procurement of materials, neither from the Govt. stock nor by procurement of materials, release order issued by or any officers empowered in that behalf of Govt. shall be deemed to be subject to the conditions that it will be performed with due regards to order demands and only if it is found practicable to do so within the stipulated weather it was practicable to supply/construct or to give assistance as aforesaid or not shall be final and binding on the contractor.

d) **Inability to perform the contract :**

Should the contractor's preparation for the commencement of the work or any portion of it or his subsequent rate of progress may be from any cause whatever so slow that in the opinion of the Inspector, which shall be conclusive, the contractor will be unable to complete the work or any portion thereof as agreed upon or should he not have the work ready for delivery in by direction given to him by the Inspector or in any respect to perform the contract, the Purchaser shall have power to be liable for any expenses, loss or damage which the purchaser may incur or sustain reason of, or in connection with contractor's default.

7. **Quotation of Rates by Contractors :**

(i) The price quoted by Contractor shall be firm with no provision for any escalation as per the cost schedule price shall include the cost of the materials, required machineries, accessories etc. included in specification of works, (including import and custom duty if any) docking, test & trial and delivery satisfactorily.

(ii) The price quoted shall not exceed the price or contrary the norms for fixation of price laid down by Government or no such prices or norms have been fixed by Government it shall not exceed the price appearing in any agreement relating price regulation by any industry in consultation with Government.

8. Security Deposit:

- (i) The EMD received from the successful tenderer will first converted as Security Deposit on signing the agreement. Balance amount of the security deposit over and above the amount will be recovered from the running bills of the contract at the rate mention below which will be equivalent to the tendered value of the work put to tender subject to a minimum of rupees @10% of estimated amount.
- (ii) The Security Deposit will be deducted from the running bills commencing from the first Running Bill as per payment clause 14 of this Contract.
- (iii) No claim shall lie against the purchaser either in respect of interest or any depreciation in value of any security deposit.
- (iv) If the Contractors fails or neglects to observe or part any of his obligations under the contract it shall be lawful for the DIWT or his duly authorized representative to forfeit either in whole or in part the security deposit furnished by the contractor. Save as aforesaid, if the contractor duly perform and completes the contract in all respect and presents absolute " *No Demand Certificate*" in the prescribe form of DIWT or behalf of deptt. Shall refund the security deposit to the contractor after deducting all costs and other expenses that the purchaser may have incurred and all dues and money including all losses and damages which the purchaser entitled to recover from the contractor.

9. Risk or loss or damage to authority or purchaser's property :

- (i) All the property of the deptt. or purchaser to whether with or without deposit to the contractor in connection with the contract shall remain the property of the department / the purchaser, as the case may be. The contractor shall use property for the purpose of the execution of the contract and no other proposes whatsoever.
- (ii) All such property shall be deemed to be in good condition received by the contractor, unless he shall have within seventh of the receipt thereof notified the DIWT, to the contrary the contractor fails to notify any defeat in the condition quality of such property he shall be deemed to have lost right to do so at any subsequent stage.
- (iii) The contractor shall return all such property in condition. The contractor shall be liable for loss or damages of such property in the possession of or under the control of the contractor, his employees or agents and responsible for the full value thereof to be assessed by the DIWT on behalf of the deptt. Whose decision shall be final and binding on the contractor.
- (iv) Where such property in insured by the contractor against loss of fire at the request of the Authority of the purchaser such insurance shall be deemed to be effected by way of additional precaution and shall not prejudice the liability of the contractor as aforesaid.

10. Charges for work necessary for completion of the contract:

The contractor shall pay all charges for handling, stamping, printing, painting, marking, and for protection and preserving patent rights and for all such measure which the inspector may require the contractor to take for the proper completion of the contract though no special provision in respect thereof may have been made in the particulars.

11. Time and date of completion of work :

The time and the date stipulated in the tender for the completion of the work shall be deemed to be the essence of the contract. In case of delay the contractor shall in addition to their liabilities mentioned in the special condition of contract of liable for all cost of inspection which may be incurred after the date on which the work ought to have been completed. But if the delay shall have arisen from any cause such as natural calamities, strikes location, Fire, accident, riot etc. which the purchaser may submit as reasonable ground for further time, the purchaser will allow such additional time as he may be consider to have been required by the circumstances if the case.

12. Progress Report :

- (i) The contractor shall from time to time render report concerning the progress of the contract in such form as may be required by the DIWT on behalf of the deptt.
- (ii) The submission, receipt, and acceptance of such report shall not prejudice the right to the purchaser under the contract, nor shall operate as estoppels against the purchaser severely by the reason of the fact that he has taken notice of or objected to any information contained in such report.

13. (a) Contract Price :

Subject to any deduction and addition authorized by and to the other provision of the contract, deptt. shall apply to the contractor for the building, equipments, testing, and delivery at specific destination the vessel/boats barge including the cost of docking (import and custom duty if applicable) and for all other the working matter, things and obligations to be executed, done supplied and performed by the contractor under this contract including the provisions of the spare parts as specified which said amount herein called the contract price.

(b) System of payment:

Unless otherwise agreed in written between Director, IWT Assam, on behalf of the department and the contractor payment for the work shall be made by the DIWT on behalf of the deptt. as per measurement of work done periodically as per APWD norms. The Payment will be made as per the actual measurement of works as per specification provided in the NIT and on availability of fund receive from the Govt. The final payment will be made after satisfactory test & trial and delivery in good condition. The bills will be submitted by the supervising officers deputed by the DIWT for necessary supervision of the work time to time who are also responsible for submission of periodic progress Report of the work.

Non - receive of payment cannot be a plea for delay in progress of work. The work shall be completed within the stipulated / allotted time period.

14. Ownership of materials on payment of first installment:

Upon payment of the first Running bill of the contract price of the vessel / boats so far as then constructed and all machinery and materials installed either wholly or partly constructed. Separation and set apart from time to time for the purchase of the contract shall become and shall with all additions there to respectively continue to be the property of the purchaser subject to the purposes of the contract. But the purchaser shall not be liable for any loss or damage by theft, fire, storm or weather or otherwise. However upon the due completion of the contract all such materials which have not been actually used for purpose of the contract shall become the property of and be relinquish to the contractor.

15. Withholding and lien in respect of sums claimed :

Whenever any claim or claims for payment of sum of money arise out of or under the contract against the contractor, own purchaser shall be entitled to withhold and also have a lien to retain such sum or aims in whole or in part from the security deposit furnished and also have a lien over the same pending finalization or adjudication to any such claim. In the event of the security being insufficient to cover the claims amount or amounts or if no security has been taken from the contractor, the purchase shall be entitled of the such claim amount or amounts referral to supra from any sum or sums found payable or which at time thereafter may become payable to the contractors under the same Government or any other contract with the purchase of the pending finalization or adjudication of any such claim. It is an agreed term of the contract that the sum of money so withheld or retained under the lien referred to above by the purchaser till the clause arising out of or under the contract is determined by the arbitrator.

16. Indemnity :

- (i) The Contractor shall at all time indemnity the purchaser against all claim which may be made in respect of the vessels/ boats/ or infringement of any right protected by patent, registration of designed or trade mark. Provided always that in the event of any claim in respect of alleged breach of patent, registered designs or trade mark being made against the purchaser. The purchaser shall notify the contractor of the same and the contractor shall at his own expense either settle any other dispute or conduct and litigations that may arise there form.

17. Corrupt Practice :

- (i) The contractor shall not offer or to give to any person the employment of the purchaser or working under the orders of the DIWT, any gift or consideration of any kind as an documents or rewards for doing or forbearing to do or for having he or forborne to do any act in relation to the obtaining or auction of the contract or for showing or forbearing to show our or disfavor to any person in relation to the contract or other contract with the purchaser. Any breach of the aforesaid condition by the contract or one employed by him or acting on his behalf (whether with or without knowledge of the contractor) or the commission of any offence by the contractor or any one employed by him or acting this behalf under chapter-IX of the Indian Panel Code1860 or the Preservation of Corporation Act 1947 or any other Act noted for prevention of corruption by Publication Servants shall entitled the DIWT on behalf of Deptt. to cancel the contract and all or any other contracts with the contractor and recover from the contractor the amount of any loss arising on such cancellation in accordance with the provisions of special condition and General Condition.
- (ii) Any dispute on difference in respect of either the interpretation effect or application of the above condition or the amount recoverable there under by the purchaser from the contractor, shall be decided by the DIWT on behalf of deptt.

18. Insolvency and Breach of Contract :

The DIWT on behalf of Deptt. may at any time, by notice in writing summarily determine the contract without compensation to the contractor in any of the following events as it to say :-

- (i) If the contractor being an individual or if a firm or any partner thereof shall at any time be adjusted in solvent or all have a receiving order or other for administration of his state made against him or shall take any proceeding for composition under any insolvency Act for the time being in force make any conveyance or assignment of his effect or enter into by arrangement or composition with his creditors or suspend payment or if the firm be dissolved under the Partnership Act, or
- (ii) If the contractor being a company is wound up voluntary or by the of a court or a receiver, Liquidator Manager on behalf of the Debenture-holder is appointed or circumstances shall have arisen which entitled the court of debenture-holders to appoint a Receiver, Liquidator or Manager.
- (iii) If the contractor commits any breach of the contract not herein specifically provided for : Provided always that such termination shall not prejudice any right of action or remedy which shall have accrued or shall accrue thereafter to the purchaser and provided also the contractor shall be liable to pay to the purchaser. For any extra expenditure he is thereby put to and the contractor shall under no circumstances be entitled to any gain on repurchase.

19.1 Arbitration :-

Except as otherwise provided herein before, all question, disputes or difference in respect or which the decision has not been final and conclusive arising between the contractor and the deptt. in relating to or in connection with contract shall be referred for arbitration in the manner provided as under and to the sole arbitrator appointed as follows :-

- (i) Either or the parties may give the other notice in writing of the existence of such question dispute or difference.
- (ii) Within 30(thirty) days on receipt of such notice from either parties the senior supervising / Inspecting Officer in-charge of the work at the time of such dispute shall send to the contractor a panel of three person and thereafter the contractor within 15(fifteen) days of receipt of such panel communicate to the Senior supervising/inspecting officer in-charge the name of one of the person from such panel and such a person shall then be appointed a sole arbitrator by the DIWT, Assam. However the arbitrator so appointed shall not be an officer or the employee of the DIWT Assam.
- (iv) Provided the if the contractor fails to communicate the selection of a name out of the panel so forwarded to him the Sr. Supervising/Inspecting officer in-charge that after the expiry of the aforesaid stipulated period the DIWT shall appointed another person to act as sole arbitrator, such person shall be entitled to proceed with the reference from the stage at which it was left by the predecessor.

20.1. The arbitrator to whom the matter is originally referred being transferred or vacating his office or being unable to act for any reason, then the DIWT shall appoints another person to act as sole arbitrator, such person shall be entitled to proceed the reference from the stage at which it was left by the predecessor.

20.2 The award of the arbitrator shall be final and binding. The Arbitrator shall decide in what the Arbitrator's Fees as well as the cost of arbitration proceedings shall be borne by either party.

20.3 The Arbitrator with the consent of the parties can enlarge the time, from time to time to make and publish his award.

20.4 A notice of the existence in question , dispute or difference in connection with the contract unless served by either party within 30(thirty)of the expiry of the defect liability period, failing which all rights and claims under this contract shall be deemed to have been waived and thus forfeited and absolutely barred.

20.5 Where the amount of claim is Rs. 1.00 lakhs (one lakh) only and above the arbitrator shall give reason for the purpose.

20.6 The work under this contract shall contain during Arbitration proceedings and no valid payments due from or payment by the Authority shall be withheld on account of such proceedings except to the extent which may be in dispute.

20.7 The Arbitration and Cancellation Act-1968 together with any statutory modifications or re-enactment thereof and the rules and there under for being in force shall apply to the arbitration proceedings under this clause. In case contract with another Public undertaking the Clause-21.1 to 21.8 shall stand deleted and the following Arbitration Clauses shall apply. Except as otherwise provided, in case of a contract with public sector undertaking if at any time any question dispute difference whatsoever arises between the parties upon or in relation to, or in connection with this agreement, the same shall be settled by arbitration in terms of Ministry of Industry, department of Public Enterprises O.M. No. 3/5/93-pma, DT.30.0601993 or any modification / amendment thereof. The Arbitration shall have the power to enlarge the term of rate the award with the consent of the parties provided always that the commencement or continuation of the arbitration Proceeding shall not result in cessation or suspension of any or other rights and obligation of the parties of any payment due to them there under. The venue of the arbitration proceedings shall be at Guwahati. It is further clarified that both the parties to this agreements hereby undertake not to have recourse to civil court to solve any of their dispute whatsoever, arising out of the agreements except through arbitration.

21. Laws Governing the Contract :

- (i) This contract shall be Governed by the laws of India for the time being in force.
- (ii) Irrespective of the place of delivery, the place of performance or place of payment under this contract, the contract shall be deemed to have been made at the place from which the acceptance of tender has been issued.
- (iii) Jurisdiction of courts: The courts of the place from where the acceptance of tender has been issued shall along have jurisdiction to decide any dispute arising out of or in respect of contract.

22. Power of the Deptt. to take possession of vessels and materials in certain cases and complete works:-

Subject to the terms of the contract, in the event of the contractor making default in the prosecution of construction of the pontoon/barge/vessel/Boats and machineries or in the event of contractor becoming insolvent or from any cause going or taking step to go into liquidation (except a voluntary liquidation undertaken with the object of amalgamation or reorganization by separation of the department of the contractor in to separate companies or taking any statutory measures. It's creditors itself competent for (but not incumbent upon) the Deptt. After issuing three consecutive notices to the contractor, in writing to take possession of the pontoon/barge/vessel/Boats in her then state and all other materials and machineries and all intended for here, as before mentioned and to complete the pontoon and machineries and for this purpose to power to enter in to any contract with other contractors or manufacturers and to use the yard and yards, workshops, machineries and tools of the contractor or such other contractors or manufacturers with contracts may have entered into sub-contracts and the reasonable cost incurred by the exercise of any of the power of this clause shall be deducted from the purchase money then unpaid, if sufficient, and if not sufficient, shall be made good by the contractor.

24. Appeal:-

If the contractor desires to appeal against the decision of the Inspector/Supervisor against the rejection of any work as not being in accordance with the contract, he shall appeal to the DIWT within fourteen days after the Inspector's decision and if an appeal is so preferred the decision of the DIWT on behalf of Deptt Shall be final and conclusive.

25. DIWT'S certificate to be final :-

Whatever in this contract provision is made for any question, arrangement, amount matter or things being settled, decided, certified or determined by the DIWT or by the

Inspecting Authority or officer or by the representative or resting upon or being governed or controlled by or submitted to the judgment or opinion of them/him or any of them/their/his assessment, decision, certificate, determination judgment or opinion shall unless otherwise stated therein be final and conclusive for all purposes and shall be binding on the Deptt. And the contractor notwithstanding anything contained in this contract.

26. Deptt. and their staff not to be personally liable:-

Nothing in these presents shall be deemed to or shall impose any personal liability of the Deptt. or their staff.

27. Standard Break Clause:-

- (1) The purchaser shall in addition to this power under other clauses to determine this contract have power to terminate his liability there under at any time of giving three months(or such shorter period as may be mutually agreed) notice in writing to the contractor of the purchaser's desires to do so and upon the expiration of the notice after the contractor shall be determined on without prejudice to the right of the parties accrued to the date of termination but subject to the operation of the following provisions of this clause.
- (2) In the event of this notice being given the purchaser shall be entitled to exercise as soon as may be reasonable practicable within that period the following powers or any of them:-
 - (a) To direct the contract to complete in accordance with the contract all or any articles parts of such articles or components in course of manufactures at the expiration of the notice and to deliver the some at such rate of delivery as may be mutually agreed or in detail of agreement at the contract rate. All article delivered by the contractor in accordance with such directions and accepted shall be paid at a fair and reasonable price assessed in the basis of the contract price when it exists.
 - (b) To require the contractor on receipt of the notice of termination:
 - (i) Immediately to take such steps as will ensure that the production rate of the articles specified in the schedule and parts thereof is reduced as rapidly as possible.
 - (ii) As far as possible consistent with(i) above to concentrate work on the completion of parts already in party manufactured state ; and
 - a. To terminate on the best possible terms such orders for materials and parts bought-out in a partly manufactured or wholly manufactured state as have not been completed, observing in this connection any directions given under this paragraphs(a) and(b) (i) and(ii) above as far as this may be possible.
- (3) In the event of such notice being given provided the contractor has reasonably performed all the provisions of the contract binding upon him down to the date of this notice:
 - (a) The purchaser shall take over from the contractor at a fair and reasonable price (assessed on the basis of the contract price of the completed articles) all unused undamaged and acceptable materials, bought out components and articles in the course of manufacture in possession of the contractor at the expiration of the notice and properly provided buy or supplied to the contractor for the performance of this contract except such materials, bought out components are supplied to the contractor through the intervention to the purchaser or on his behalf :-
 - (1) The said fair and reasonable price shall be assessed on the basis of the cost price of such materials and /or components and
 - (2) (a) If the contractor elects to retain any materials bought-out components and articles as in this clause provided he shall settle all claims of supplier in respect of the materials

and / or components supplied to him as aforesaid including any claims to any extra charge (If the original stipulated terms had been concessional) and shall keep the purchaser indemnified against the same.

- (b) The contractor shall deliver in accordance with the direction of the purchaser all such unused, undamaged and acceptable materials, brought –out components and articles in course of the manufacture (except as aforesaid) taken over by or previously belonging to the purchaser and the purchaser shall pay to the contractor fair and reasonable handling and delivery charges therefore.
- (c) The purchaser shall indemnify the contractor against the commitments, liabilities or expenditure which in the opinion of the purchaser are reasonable and properly chargeable to the contractor in connection with the contract to the extent to which the purchaser is satisfied that such commitments, liabilities or expenditure would otherwise represent and unavoidable loss by the contractor by reason of the termination of the contract .provided that in the event of the contractor not having observed any direction given to him under the sub-clause (2) hereof the purchaser shall not be liable under the sub-clause to pay any sums in excess of those for which the purchaser would have been liable had the contractor observed that direction.
1. If in any particular case exceptional hardship to the contractor should arise from the operation of this clause it shall be open to the contractor to reffer the circumstances to the Director, Inland Water Transport, Assam acting on behalf of the purchaser who on being satisfied that such hardship exists shall make such allowance if any as in his opinion is reasonable.
 2. The purchaser shall not in any case be liable to pay under the provisions of this clause any such sum which when taken together with any sums paid or due or becoming due to the contractor under this contract shall exceed the total price of the articles specified in the schedule payable under this contract.
 3. The contractor shall in any substantial order or subcontract planned or made by him in connection with or for the purpose of this contract takes power wherever possible by securing the acceptance of the subcontractor to terminate such order of subcontract in the event of the termination of this contract by the purchaser.

SPECIAL CONDITION OF CONTRACT

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PART-3

SPECIAL CONDITIONS OF CONTRACT

1. Performance of the work:-

The work shall be performed at the place or places named in the tender or at such other place or place named in the tender or at such other place or places as may be approved by the Purchaser.

2. Specification:-

In particular and without prejudice to the foregoing condition, when tenders are called for in accordance with the particulars, the contractor's tender to supply the pontoons/vessel/boat in accordance with such particulars shall be deemed to be an admission his part that he has acquainted himself with the details there of and no claim shall lie against the purchaser on the ground that the contractor did not examine or acquaint himself with such particulars.

3. Guarantee for the Equipments supplied/fitted.

The contractor will be required to obtain and furnish a guarantee for the equipments fitted on the pontoons/vessel/boat to the effect that General spares suppliers will be in a position to supply the spare parts of the equipments and the spares will continue to be available from the stock for a period of at least seven years from the date of the receipt of the machineries and equipments.

4. Variation (i.e. Modification in design and dimension):-

Should any alternations in or additions to the works as specified in the said specifications not involving extra cost to the contractor be considered necessary or expending by the contractor or by the DIWT, or the Inspecting Authority or officer and be mutually agreed on in writing the contractor shall execute the same without any charge beyond and contract Price. But if the DIWT shall desire any alternation or additions involving extra cost to the contractor before executing the same shall tender to the DIWT written offer stating the nature and cost of such alternations and the extension of time if any required for making them and if the DIWT ,shall accept the said offer and allow such extension of time in writing the contractor except such as may be embraced in such offer and acceptance .The contractor shall allow the IWT ,the value as shall be mutually agreed in writing or any materials and workmanship dispensed with by any such alterations or additions. Provided that no such variations shall except with the instructions from the Inspector as to carry out the work which either than or later will in the opinion of the contractor, involve a claim for additional payment, the contractor shall, as soon as reasonably possible after receipt of instructions aforesaid advise the Inspector to that effect.

5. Contractor to construct, Equip, Test and Trial and Delivery the Vessel/ Boat:-

Subject to the accordance with the provisions of the contract, the contractor shall and in the best and most workman like manner and with material, thing and workmanship repetitively of the best kinds build, equip and test of the satisfaction of the DIWT deliver to the representative afloat and in the condition provided by this contract, the pontoons/vessel/boat of the descriptions dimensions containing the accommodation and supplied with all apparatus, permanent and temporary fittings, outfit and gear and the spare gear mentioned and described in or to be informed from the modifications here to attached and from the specifications furnished by the contractor and accepted by him for the purposes of this contract, both of which herein after called the said specifications here to attached and from the plan or plans which have for purposes of identification shall supply and deliver as herein after mentioned the spare specifications and the said plans ,supplementary drawings herein after be furnished and given by the contractor to and be manner aforesaid when requested by the DIWT, supply further drawings and execute and complete to the satisfaction of the DIWT all other works, materials and said specifications and the said drawings furnished and given to and approved by the DIWT shall provide to the satisfaction of the DIWT labour superintendence, power, materials and things which shall be requisite for the due performance execution and completion of all and every work matter and things hereby contracted to be executed and done.

6. Contractor to Include Execution and Supply of all work matters and things required by DIWT , for due performance of contract :-

This contract shall be deemed to comprise the construction, testing, Installation of the equipment/machineries and delivery complete in working order in all respects of the pontoon/vessel/boat together with the equipment and all other things to be supplied in

connection therewith and the die performance, execution and completion of all works, matters and things necessary or proper for such construction, installation of equipment/machineries and delivery at the price herein after mentioned and accordingly the contractor shall execute all works and supply all things which the DIWT, or Inspecting Authority or officer and to their satisfaction according to the true intent and meaning of this contract and notwithstanding that any such work or things respectively may not be expressly mentioned or referred to in the said specification and the said plans and the contractor shall not be entitled to any payment or allowance whatsoever in respect thereof unless such payment or allowance is, in the opinion of the DIWT occasioned on account of such modifications of the said contract, as have been agreed to in writing by the DIWT.

7. INSPECTION:-

(a) Obligation to carryout Inspector's instructions:-

The contractor shall satisfy the inspector that adequate provisions has been made (i) to carry out his instructions fully and with promptitude (ii) to ensure that parts required to be inspected before use are not used before inspection and (iii) to prevent rejected parts being used in error. Where parts rejected by the inspector have been rectified or altered. Such parts shall be segregated for separate inspection and approved before being used in the work

(b) Inspection and testing during progress of work:-

The contractor shall offer DIWT, or the Inspecting Authority or officer all proper and reasonable facilities for examining inspecting and testing the materials, machinery and workmanship used or intended to be used or employed during the progress of the construction and installation of equipment of the vessel/Boat and on the completion thereof and shall also supply free required from time to time for the purpose of such examinations, inspections and testing's. The DIWT the inspecting Authority or officer shall have access to the place or places where any stored at all reasonable times during the execution of this contract and in case any part of the work shall have been covered or closed without previous inspection the contractor shall if required open such part or parts wherever necessary to enable the part so opened up at the expense of the contractor.

(c) Instruction for inspection:-

The contractor shall inform the inspector in writing when any portion of the work is ready for inspection, given him sufficient notice to enable him to inspect the same without retarding the further progress of the work. No portion of the work shall be considered completed in accordance with the terms of the contract until the inspector shall have certified in writing that it has been inspected, and approved by inspection and/or tests at placed agreed upon in the contract will be defrayed by the purchaser, provided that the results are satisfactory and in accordance with the terms or contract. In the event of instruction and/or test providing unsatisfactory and resulting in the non acceptance of the plan /structure or any portion thereof, the cost of such inspection and /or test (Including the travelling and halting expenses incurred, if any) or such portion thereof as may be determined by the purchaser shall be borne by the contractor.

8. Replacement of defective work, material and fittings:-

All materials, machinery and workmanship used and employed in carrying out this contract shall be to the entire satisfaction of the DIWT or the Inspecting Authority or officer. Any portion or portions of the materials, machinery or any of the works done under this contract which may be considered by the works done under this contract which may be considered by the commission or the inspecting Authority or officers to be defective or unsatisfactory or not in accordance with the said specifications and plans and the requirements of the pontoon/vessel/boat and which he shall reject shall be replaced in a manner satisfactory to the DIWT, or the Inspecting Authority or officer at the sole expense of the contractor. If the Inspector shall find any work to be not in accordance with the contract, he shall be entitled to

give the contractor notice thereof and the contractor shall forthwith make the defective work good or alter the same to make it comply with the requirements of the contract. Should he fail to do so within a reasonable time (as to which the Inspector shall be judge) the purchaser may reject and replace at the cost of the contractor the whole or any portion of the work as the case may be, which is defective or fails to fulfill the requirement of the contract. Such replacement shall be carried out by the purchaser within a reasonable time to the same specifications and under competitive conditions. The contractor's full and extreme liability under this clause shall be satisfied by the payment to the purchaser, of the extra cost, if any, of such replacement delivered and/or cost, being the ascertained difference between the price paid by replacement and the contract price for the work so replaced and the repayment of any sum paid by the purchaser to the contractor in respect of such rejected work within reasonable time, the contractor's full and extra liability under this clause shall be satisfied by the repaying of all moneys paid by the purchaser to him in respect of such work.

9. Trials:-

Forthwith after the completion of the vessel/Boat in manner expressed in the last proceeding clause the vessel/Boat/pontoon shall undergo, in the presence of the DIWT and the Inspecting Authority or officer or their representative trials near the yards of construction or any other places as mutually agreed upon in accordance with the provisions of the specifications and as directed by the DIWT or the Inspecting Authority or officer. The said trials shall be at the sole expense and risk of the contractor who shall pay and discharge all costs and bear all liabilities whatever arising out of the same. The contractor shall supply all crew and officers, fuel, gear and equipment required for the trials, all at his own expenses and shall also be responsible for all risks to the pontoons and other craft or to any person or property during the continuance of such trials and make good any damage which may arise in consequence thereof and indemnify the authority and their officer/and servants there from and from all claims, action, suits and proceedings and all costs, charges and expenses in respect thereof or in any way arising there out or incidental thereto. Provided that all claims in respect of the employees or representative of the deptt. Shall be met by the Deptt.

(a) Provision as to the trials :-

As soon as the boats/ vessels shall have been re-equipped and made ready for work to the satisfaction of the representative it shall then undergo such trial as their representative may require to demonstrate that neither the hull, machinery/equipment nor any other parts of the pontoons/boat/vessel have been damaged during the delivery and that all are in good working order and that the pontoons/boat/vessel are up to the standard required when working under local conditions. Any defect noticed during such trial shall be rectified by the contractor to the satisfaction of the Director or /boat/vessel.

(b) Vessels to be at contractor's risk until the issue of certificate of delivery.

The said delivery and re-equipment of the pontoons shall be at the expense and risk of the contractor who shall (in accordance with clause 12(a),(b),(c) thereof pay and discharge all costs and liabilities thereof and connected therewith and shall continue to be responsible for the safety of the vessels until the DIWT or his representative shall have accepted delivery thereof as herein after mentioned . If any loss (whether total or otherwise) shall be sustained or incurred by the Boat/vessel by any means or from any cause either during the delivery of before acceptance by the DIWT then and in any such case the contractor shall at his own expense forthwith make good such loss subject in the case of total or constructive total loss to the provision of clause 17 thereof.

(c) As to acceptance of delivery:-

When and as soon as the vessels shall have been duly equipped and made ready for work in accordance with the specifications and shall be in a complete and satisfactory condition with their certificates, licence and outfits and spare gears enumerated in the specifications on board then the pontoons shall be delivered to the representative of DIWT who shall thereupon give to the contractor or to such other persons who may be appointed by the contractor to receive the certificates of such delivery and of the date thereof and the granting of such certificates shall along be evidence of the acceptances by the DIWT, of the delivery and of the date thereof.

(d) Power for representative to dismantle and re-equip the vessels/ boats due to default of contractor :-

If after the test and trial of the pontoon/Vessel/Boats, the equipments and auxiliary machineries are defective and the contractor shall fail to dismantle any equipment/ machineries of the pontoon/Vessel/Boats and re-equip and make them ready in all respects for work in accordance with the provisions of clause 12(c) hereof to the satisfaction of the representative of shall in the opinion of the representative be carrying on such dismantling, re-equipment and making ready for work negligently, improperly or so slowly as to cause or be delayed then in any such case the representative on behalf of the Deptt. may without violating this contract take the pontoons/boat/vessel out of the possession of the contractor and employ and persons or workmen upon such terms as he may think fit to dismantle and re-equip the pontoon/boat/vessels and make them ready for work in accordance with the specifications and this contract and to perform any of the other obligations of the contractor under this contract which shall remain to be performed and the contractor shall pay to authority such a sum as shall be certified in writing by the representative represent the costs and expenses incurred by authority or the representative by reason or in course of the exercise of any of the powers conferred on the representative under this clause or Authority may at their option deduct such sum from the contract price.

10. Number of workmen and rate of progress to be increased on requisition of DIWT:-

The contractor shall at all times during the progress of the construction and installation of equipment and machineries of Pontoon /boat/vessels and subject to the limits of his control to the matter of labour employment and sufficient number of skilled workman and labourers with necessary over lookers and proceed with the works hereby agreed to be executed (herein after referred to as the “works”)with such des patch as in the opinion of the DIWT ,or Inspecting Authority or officer shall be necessary in order to secure the due completion of the vessels within the time limit for that purpose by the contractor and shall also at times

during the progress of the works upon being required to do so by the of progress of the pontoon/boat/vessels and of the work in accordance with any such requisition and to the satisfaction of the DIWT, or the Inspecting Authority or officer provided always that nothing herein contained nor anything done or omitted to be done by the DIWT, or the Inspecting Authority or officer on behalf of DIWT in pursuance hereof shall be deemed to release the contractor from or diminish or affect obligation to complete the pontoon/boat/vessels within the limit by this contractor or their liability in respect hereof.

11. Damage for delay in the delivery and Force Majeure :-

If the contractor fails to deliver the boat/vessels within the period fixed for such delivery or for trials as per clause 11 above or at any time repudiates the contract before the expiry of such period the Authority may without prejudice to its right recover damages for breach of the contract damage equivalent to ½ % of the contract price of the Pontoon/boat/vessel which the contractor has failed to deliver within the period fixed for delivery for each week for part of a week subject to a maximum of 5 % of contract price where the delivery is accepted after expiry of the aforesaid period of repudiation of the contract the security of the contractor shall be liable to be forfeited and shall also be liable for any loss which the authority may sustain on that account. Provided always that if the chairman shall arise either in connection with the works or the contractor or their authorized subcontractor from a general strike or sectioned disputes of workmen or employers or accidental fire or destruction of the contractor's works from storms or exceptionally bad weather. Act of god and other causes which in the opinion of the DIWT, behalf of Govt. were unavoidable and could not be foreseen or overcome by the contractor then and in such cases the liquidated damage shall not be payable in respect of the period certified to be due such cause and the DIWT on behalf of Govt. shall have power to extend accordingly the time fixed for completion.

12. Guarantee period :-

In the event of any defect being discovered in any part of the Pontoon/boat/vessels the machineries or equipments or fittings (which is not attributable to fair wear and tear of the Pontoon/boat/vessels nor to improper management on the part of the official staff of the pontoons during a period of twelve calendar months from the date of delivery certificate, the contractor shall supply to Deptt. Or their representative respectively new parts to replace any that may be proved to have been so defective or shall pay to authority such sum as it would cost the contractor to supply at Guwahati such parts for replacement from the contractor's works. The cost of receiving any such defective parts and or fitting such parts in replacement from the contractor's works. The cost of receiving any such defective parts and or fitting such parts in replacement thereof shall be borne by the contractor or be adjusted as liquidated damages from the security deposits/payment of last instalment of the contract price to such amount as it would in the opinion of the DIWT have cost the contractor if the removing and replacing had been done at their works. The contractor shall also be entitled to have any workmanship or material claimed to be defective inspected by a representative to be appointed by them for that purpose or should the contractor so require, authority shall be bound to consign to the contractor at his works in and at the contractor's expense the parts claimed by the DIWT, to be defective so that the contractor may have an opportunity of satisfying himself as to the defect complained of and also be in a position to operate his relief if any against any sub-contractor in respect of such defective parts.



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GOVERNMENT OF ASSAM

OFFICE OF THE DIRECTOR:: INLAND WATER TRANSPORT (IWT), ASSAM

ULUBARI, GUWAHATI-781007 Website: <http://iwtdirectorate.assam.gov.in> Telephone no-0361-2526421 E-mail: diwtassam@gmail.com

Tender No-DWT (T)-55/2017-18/P-II/ 11

Dated 24th Feb'2020

TENDER DOCUMENT FOR “RE-CONSTRUCTION AND RENOVATION OF VESSEL PT GODAPANI UNDER IWT COMMERCIAL SERVICE”

PART-1 SCHEDULE-1

COST SCHEDULE

(Enclosed separately)

PART-1---SCHEDULE-3

TENDER FORM

To

The Director,
IWT, Assam,
Ulubari, Guwahati-781007.

I/We have read and examined the following documents relating to the Restructuring and renovation of vessel P.T. Godapani under IWT Commercial service Guwahati of IWT, Assam.

- a) Tender Notice and conditions of terms.
 - b) General conditions of contact.
 - c) Special conditions of contact.
 - d) Technical specification for construction.
 - a) Annexure.
1. I/We hereby tender for the execution of the works referred to in the aforesaid document upon the terms and conditions contained or referred to therein and in accordance in all respects, with the specification, designs, and other terms and conditions of the contact and within the period of completion as stipulated in the tender document.
 2. I/We agree to keep the tender open for acceptance for 120 days counted from the last date specified for the submission thereof and not to make any modifications in its terms and agreement that any terms and condition in the tender at variance with the above situation will render the tender liable to rejection summarily.
 3. If, after the tender is accepted, I/We fail to execute the contract deed within 15 days of the receipt of the order to do so, I/We agree that shall without prejudice to any terms and conditions of the tender, forfeit the earnest money absolutely.
 4. I/We undertake to -
 - a) Commence the work within 15 (fifteen) days of the date of issue of the work order.
 - b) Complete and deliver whole of the work comprised in the contract as per detailed plans, specifications and schedule of works within 12 (**twelve**) months from the date on which DIWT, Assam issues written order.
 - c) Abide by to fulfill all the terms and conditions and provisions of the aforesaid documents.
 - d) Withdraw all claims on the security amount deposited to the DIWT, Assam and to pay to DIWT, Assam the liquidated damages in terms of the contract in case of any default thereof.
 5. The tender, together with your written acceptance thereof shall constitute a part of the contract between us.

Signature

in the capacity of -----

duly authorized to sign the tender
on behalf of (in block capitals)

Postal address-----

Mobile/Telephone No. -----

Email ID -----

Witness :-

Signature

Name (block letter).....

Address

9.	Providing bollard made from Heavy duty MS pipe of required size including providing its base frame on the deck of the vessel (Big size) Double Bollard Single bollard	6 Nos. 4 Nos.	4000.00/no 3000.00/no.	
10	Providing, fitting and fixing 1 st class local wood (Bonsum / Hollock) battened, framed and braced door and window sutters including oxidized iron butt hinges (100mm x 58mm x 1.90mm) 6nos with necessary screws.	29.23 m2	1146.57/m2	
11.	Wiring of light point with 1.5 sqm. PVC insulated unsheathed I.I KV grade ISI marked single core copper conductor cable in recessed PVC conduit wiring system with 19mm dia. rigid PVC conduit including 6Amp flush type switch in iron clad switch board (ISI) cover ceiling rose complete. Short point-15 nos Medium point-30 nos	15 no 30 no	502.00 741.00	
12.	Providing and fixing ICS N link main switch of 250 V rate including drilling board / iron frames and fixing with bolt & nuts and connection etc. completed. 30/ 32 AMP	8 no	860.80/no	
13.	Wiring for main line with PVC insulated unsheathed ISI marked as approved by this department single core copper conductor cable in surface PVC conduit wiring system including painting etc. as required complete including earth continuity by PVC insulated unsheathed copper cable. With 3 x 16 sqmm. + 1 x 6 sqmm PVC insulated unsheathed copper conduct on with 32 mm dia. 1.50mm thick rigid PVC conduct.	300.00 m	384.12/m	
14	Supplying fitting and fixing of retrofit LED lamp in the existing luminaries. PHILIPS/ CROMPTON GREAVES/ WIPRO/ BAJAJ/ Havells/ HPL/ SOLAR make.	8 nos.	1267/no.	
15	500 watt Halogen lamp (Model No QVF135/500 Phillips Make 500 watt Halogen lamp = 2 nos.	2 Nos	1673.44/No	
16.	Removing old paint from steel and other metal surface and making the surface even. With hand scraping	2000 m2	42.07/m2	

Sl. No.	Particulars	Quantity	Estimated Rate	Quoted rate
17.	Applying primary coat over new wood and wood based surfaces over 100mm in girth / width after and including preparing the surface by thoroughly cleaning oil, greases, dist and other foreign matter send papering and knotting. b) with ready mixed paint wood primer of white)	600.0 m2	33.96/m2	
18.	Painting two coat (excluding priming coat) on new wood and wood based surface with enamel paint of approved brand and manufacture (Asian Paint / Berger/ ICI paint/J& N paint /Nerolac) to give an even shade including cleaning the surfaces of all dirt, dust and other foreign matter sand papering and slopping. i) Surface over 100mm in width or girth a) General purpose (Asian Paint / Berger/ ICI paint/J& N paint /Nerolac)	1000.0 m2	47.76/m2	
19.	Painting three coats(excluding priming coat) on new steel and metal surface with ready mixed bituminous paint of approved brand and manufacture (Asian paint /Berger paint/I.C.I. paint/ J&N paint/Nerolae) after applying black anticorrosive paint give an even shade including cleaning the surface of all dist, dust and other foreign matter.	1800.0 m2	58.29/m2	
20.	Applying primary coat over new steel and other metal surfaces over 100mm in girth / width after preparing the surface by thoroughly cleaving oil, grease, dist and other foreign matter and scored with wire brushes fine steels, wood serapes and send paper.	2000.0 m2	33.96/m2	
21	Painting two coats (excluding priming coat)over new steel and other metal surface over 100m in width or girth after preparing the surface by thoroughly cleaning oil, dirt grease, and other foreign matters and scoured with wire brush , fine steels, scrapper sand paper etc.	2000.0 m2	48.70/m2	
22	Letter writing on wall surface of P.T. Godapani of size 100mm and 90mm and emblem etc.. i) English (90mm size) Total = 190 nos. Ashok Stambha – 1 No. Emblem – 2 nos.	190nos 1 no 2nos	12.00/no 250.00/no 350.00/no	
23.	Launching the vessel/boat/RPL etc. in to the river water cone fully as per direction. a) Up to 10ton wt. b) Addl. Per ton or part thereof - 40ton	10 ton 40 ton	3500.00/10 T 350.00/ton	

24	Mooring Materials:- 1. Steel wire rope 19mm dia 2. Nylex rope 40mm dia 3. U-Shackle 19mm dia 4. D-Shackle 19mm dia 5. Wooden hummer 6. Mooring pin 7. Old tyre (Truck)	200m 150kg 10nos 10nos 1no 4nos 6nos	160.00/Rm 102.00/Kg 80.00/no 80.00/no 185.00/no 380.00/no 218.00/no	
25.	Providing life saving and fire fighting equipment 1. Life bouy 2. Life Jacket 3. Foam type fire extinguisher(9lir capacity) 4. Soda acid type(9lir capacity) 5. Dry chemical type(3.2kg) 6. Fire bucket(9lir capacity)	12nos 12nos 2nos 2nos 2nos 4nos	3456.00/no 2304.00/no 1536.00/no 1018.00/no 2112.00/no 154.00/no	

GROUP- B

Sl. No.	SUPPLY OF SPARE PARTS (Starboard Side)	Quantity	Estimated Rate	Quoted rate
26.	Cylinder Liner (with O ring)(29.36510000)	6 nos.	@Rs.10365/no.	
27	Piston ring set (2999902000)	6 set	@Rs. 9680/set	
28	Piston Pin (2921010000)	6 nos.	@Rs. 2505/no	
29	Cy. Head Gasket(2920903000)	6 nos.	@Rs. 619/no	
30	Nozzle Sleeve (2921903000)	6 nos.	@Rs. 875/no	
31	Thermostat (2924291000)	1 no.	@Rs. 3805/no.	
32	Element corrosion resistor (2929805000)	1 no.	@Rs. 2731/no	
33	Copper washer set 'W6V'(290452000)	1 SET	@Rs.1616/set	
34	Hose Pipe, 150 mm (291202000)	1 no.	@Rs. 780/no	
35	Con. Rod Bolt(M16X175)(2921102000)	6 nos.	@Rs. 494/No	
36	Valve Guide(29220030000)	12 nos.	@Rs. 174/no	
37	Valve Inlet(29221001000)	6 nos.	@Rs. 1226/no	
38	Valve Exhaust (2922103000)	6nos.	@Rs. 1254/no.	
39	Valve Collect(2922109000)	12 nos.	@Rs.115/no.	
40	Push Rod Assy.(2922134000)	12nos.	@Rs.1833/no.	
41	Con. Rod Bearing(OH 0039000)	6nos..	@Rs.4219.84/no	
42	Main Bearing (OF 00390001)	7nos.	@Rs. 13156/no.	
43	Valve Seat insert(Inlet)(30050160000)	6nos.	@Rs. 939/no	
44	Valve seat insert(exhaust)	6nos.	@Rs. 1005/no	
45	Fuel return pipe(2922708000)	6nos.	@Rs.1261/no.	
46	Hose Pipe (F/pump to Filter) (29227120000)	6nos.	@Rs. 631/no.	
47	Relief valve Assy.(2923010000)	6nos.	@Rs. 1252/no.	
48	'O'Ring air cleaner element(2924207000)	1no.	@Rs. 252/no.	
49	Exhaust Manifold(2923908000)	1no.	@Rs. 3042/no.	
50	Injector Bush(0203508000)	6nos.	@Rs. 23/no.	
51	Exhaust Silencer(0608901000)	1no.	@Rs. 1886/no.	
52	Fuel filter Assy.(3403230000)	6nos.	@Rs. 2172/no.	
53	Ammeter(0312401000)	1no.	@Rs. 146/no.	
54	L.O. Pressure Gauge(4624401000)	1no.	@Rs. 299/no.	
55	L.O. Temp. Gauge(341830000)	1no.	@Rs. 700/no.	
56	Decompression Valve(3005010000)	6nos.	@Rs. 259/no.	
57	Water Temp. Gauge(3802702000)	1no.	@Rs. 646/no.	
58	Nozzle (22010040000)	6nos.	@Rs. 1340/no	
59	Injector Assy.(2201020000)	6nos.	@Rs. 2855/no.	
60	Fuel Pump element(22020910000)	6nos.	@Rs. 659/no.	
61	Fuel Pipe (2206301000)	6nos.	@Rs. 148/no.	

Labour Charges for Machining of Engine Parts			
62	Crank shaft grinding, turning, polishing	1no.	@Rs. 600/no.
63	Con. Rod re-boring	6nos.	@Rs. 150/no.
64	Con. Rod alignment checking	6nos.	@Rs. 20/no.
65	Valve seat cutting & fitting	12nos.	@Rs. 100/no.
66	Cylinder Head testing	6nos.	@Rs. 150/no
67	Main bearing setting	7nos.	@Rs. 200/no.
68	Crank shaft bend testing	1no.	@Rs. 100/no
69	Crank shaft crack testing	1no.	@Rs. 175/no
70	Calibration of fuel pump	6nos.	@Rs. 1887/no.
71	Labour charges for overhauling of main engine including replacing and assembling of Engine parts with spares and starting the engine & test for 24hours running	1no.	@Rs.15000/no.
SUPPLY OF SPARE PARTS(Port Side Engine)			
72	Cylinder Liner (with O ring)(29.36510000)	6 nos.	@Rs.10365/no
73	Cy. Head Gasket(2920903000)	6 nos.	@Rs. 619/no
74	Con. Rod Bearing(OH 0039000)	6nos.	@Rs. 4219.84/no.
75	Con.Rod Bolt(M16X175)(2921102000)	6 nos.	@Rs. 494/No
76	Main Bearing (OF 00390001)	7 nos.	@Rs. 13156/no.
77	Valve Guide(29220030000)	12 nos.	@Rs. 174/no.
78	Valve Inlet (29221001000)	6 nos.	@Rs. 1226/no.
79	Valve Exhaust (2922103000)	6nos.	@Rs. 1254/no.
80	Valve Seat insert (Inlet)(30050160000)	6nos.	@Rs. 939/no.
81	Valve seat insert (exhaust)	6nos.	@Rs. 1005/no.
82	Piston ring set (2999902000)	6 set	@Rs. 9680/set
83	Piston Pin (2921010000)	6 nos.	@Rs. 2505/no.
84	Fuel return pipe(2922708000)	6nos.	@Rs.1261/no.
85	Hose Pipe (F/pump to Filter)(29227120000)	6nos.	@Rs. 631/no.
86	Relief valve Assy.(2923010000)	6nos.	@Rs. 1252/no.
87	Nozzle Sleeve (2921903000)	6 nos.	@Rs. 875/no.
88	Thermostat (2924291000)	1 no.	@Rs. 3805/no.
89	'O'Ring air cleaner element(2924207000)	1no.	@Rs. 252/no.
90	Exhaust Manifold(2923908000)	1no.	@Rs. 3042/no.
91	Element corrosion resistor (2929805000)	1 no.	@Rs. 2731/no.
92	Copper washer set 'W6V'(290452000)	1 SET	@Rs.1616/set
93	Hose Pipe, 150 mm (291202000)	1 no.	@Rs. 780/no.
94	Valve Collect(2922109000)	12 nos.	@Rs.115/no.
95	Push Rod Assy.(2922134000)	12nos.	@Rs.1833/no.
96	Injector Bush(0203508000)	6nos.	@Rs. 23/no.
97	Fuel filter Assy.(3403230000)	6nos.	@Rs. 2172/no.
98	Decompression Valve(3005010000)	6nos.	@Rs. 259/no.
99	Water Temp. Gauge(3802702000)	1no.	@Rs. 646/no.
100	Ammeter(0312401000)	1no.	@Rs. 146/no.

For Fuel injection pump				
101	Nozzle (22010040000)	6nos.	@Rs. 1340/no	
102	Injector Assy.(2201020000)	6nos.	@Rs. 2855/no.	
103	Fuel Pump element (22020910000)	6nos.	@Rs. 659/no.	
Labour Charges for Machining of Engine Parts.				
104	Valve seat cutting & fitting	8nos	@Rs. 100/no.	
105	Cylinder Head testing	6nos.	@Rs. 150/no.	
106	Calibration of fuel pump	6nos.	@Rs. 1887/no.	
107	Labour charges for overhauling of mainengine including replacing and assembling of Engine parts with spares and starting the engine & test for 24hours running	1no.	@Rs.15000/no	
Required POL etc. for Starting the engine				
108	Mobil Oil (SAE-40)	100lit	@Rs.290/lit	
109	HS Diesel	50 lit	@Rs. 70/lit	
FOR REPAIRING OF GEN. ENGINE (TV-I)				
110	Main bearing changing	1 set	@Rs. 676/no.	
111	Piston complete changing	1 No.	@Rs. 1434/no	
112	Cylinder changing	1 no.	@Rs. 1748.00	
113	Fuel pump element changing	1 no.	@Rs. 1820/no	
114	Fuel tank strap changing	1 no.	@Rs. 56/no.	
115	Fuel pipe	1no.	@Rs. 95/no.	
116	Dipstick	1no.	@Rs. 12/no.	
117	Exhaust Manifold	1 no.	@Rs. 129.no.	
118	Valve (inlet & exhaust)	1 set	@Rs. 422/set	
119	Air cleaner assy.	1no.	@Rs. 724/no.	
120	Valve Spring	1 SET	@Rs. 152/set	
121	Connecting Rod	1 no.	@Rs. 845/no.	
122	Cy. head Stud	4no.	@Rs. 28/no	
123	Injector Assy.	1 no.	@Rs. 3196/no	
124	High pressure Pipe	2 no.	@Rs. 217/no.	
125	Fuel filter assy.	1 no.	@Rs. 278/no.	
126	Lub. Oil strainer	1 no.	@Rs. 20/no.	

REPAIRING OF MARINE GEAR BOX (BOTH SIDE)				
127	Plate Clutch (503 00 280 00)	2 set	@Rs. 10012.50/set	
128	Plate Clutch Steel (503 00 209 00)	2 set	@Rs. 8100/set	
129	Spring outer Valve (503 01 905 50)	1 no.	@Rs. 225/no.	
130	Spring Inner Valve (503 01 906 50)	1 no.	@Rs. 225/no.	
131	Hose pump to filter (503 01 702 00)	1 no.	@Rs.2081.25/no.	
132	Piston (503 02 014 00)	1 no.	@Rs. 450/no.	
133	Hose Flexible (503 01 703 00)	1no.	@Rs. 562.50/no.	
134	Gasket (503 00 705 00)	1no.	@Rs. 506.25/no	
135	Gasket (503 00 709 00)	1no..	@Rs. 393.75/no.	
136	Seal Oil (503 01 00 100)	1no.	@Rs. 393.75/no.	
137	Elbow Suction Hose (503 01 606 00)	1no.	@Rs. 372.26/no	
138	Plate Orifice (503 02 015 00)	1 No.	@Rs. 393.75/no.	
139	Strainer Oil (503 00 114 50)	1 no.	@Rs. 450/no	

Total Quoted Rate per Unit (A) = Rs.

Rupees.....

Signature.....
 Name(block letters).....
 Address & Phone.....

Signature of Tenderer.....

Name (block letter).....

Address & Phone

.....

N.B. The Director, IWT, Assam reserves himself the authority to reject any or all tenders without assigning any reason thereof and does not bind himself, or the Tender Committee to accept the lowest rate as per guide line of the Assam PWD vide No-DA5R.39/2001/1, Dated 14-03-2001.