



GARDEN REACH SHIPBUILDERS & ENGINEERS LIMITED
गार्डन रीच शिपबिल्डर्स एण्ड इंजीनियर्स लिमिटेड
(A GOVERNMENT OF INDIA UNDERTAKING)
(भारत सरकार का प्रतिष्ठान)

Registered & Corporate Office Address: GRSE Bhavan, 61, Garden Reach Road, Kolkata – 700 024
Web site वेब: www.grse.in, CIN सी आई एन: L35111WB1934GOI007891

NOTICE INVITING TENDER (NIT)

निविदा आमंत्रण सूचना

To,
M/s. Indian Institute of Technology Kharagpur

Garden Reach Shipbuilders & Engineers Limited is a leading Warship Builders and Engineering Product Company, invites offer from M/s. Indian Institute of Technology Kharagpur to submit single stage two part (Part I- Techno-Commercial & Part II- Price) bid for the work package as per following bid document:

NIT No निविदा संख्या:	SCC/AKD/ST/WET BASIN/MT-031 Dated: 12/05/2026
Job Title कार्य का नाम:	SERVICES FOR STRUCTURAL ASSESSMENT AND HEIGHT ENHANCEMENT FEASIBILITY OF EXISTING COVER SHED OVER WET BASIN AT GRSE MAIN UNIT
Tender issuing Dept. बिभाग द्वारा जारी:	Contract Cell (संविदाबिभाग), GRSE (61 Park)

Bids are to be submitted in 02 separate envelopes each for Part-I & Part-II duly sealed and super scribing the NIT no. and Job Title.

All the 02 envelops, thereafter to be duly sealed and put in a third envelop and duly sealed, super scribing “SERVICES FOR STRUCTURAL ASSESMENT AND HEIGHT ENHANCEMENT FEASIBILITY OF EXISTING COVER SHED OVER WET BASIN AT GRSE MAIN UNIT”

- Techno Commercial Offer (duly signed and stamped) - **PART-I**
- Price Bid - In Original only. (Rate to be quoted as per Price Format enclosed) (**ANNEXURE – 6**) - **PART- II**.

The Bid has to be submitted in physical form to:

Mr. Ashim Kumar Dey
Senior Manager (Contract), Contract Cell
Garden Reach Shipbuilders & Engineers Limited
61 Park Unit, 61, Garden Reach Road, Kolkata – 700 024
Mobile: +91 75960 23717
Mail Id: Dey.Ashimkumar@grse.co.in

ARTICLE 1 अनुच्छेद-1: SCHEDULE OF CALENDAR DATES समायावली की अनुसूची:

SCHEDULE सारणी		
Tender Due Date निविदा जमा की अंतिम तिथी	22/05/2026	14:00 hrs.
*Tender Opening Date (Part I) निविदा खुलने की तिथी (तकनीकी- वाणिज्यिक बोली भाग-I)	23/05/2026	12:00 hrs.
Offer Validity Period minimum ऑफर की नियुक्तम वैधता अवधी	90 days from date of opening of Tender (Part – I)	

*Note: However, actual date of opening of bid document will be communicated to the participated bidder. The Bidder intending to witness the opening, may depute their authorized representative during opening of bids as per schedule.

ARTICLE 2 अनुच्छेद-2: COMMERCIAL REQUIREMENT FOR THE NIT निविदा की ब्यवसायिक आवश्यकता:

FEES / DEPOSITS	
Tender Fee निविदा प्रपत्र मूल्य (स्टैक के परिच्छेद 03 में उद्धृत)	Rs. 500/-
Bid Security Declaration	To be submitted as per format at Annexure-7
Security Deposit (SD) प्रतिभूति	5% of Work Order Value (inclusive of GST)
Liquidated Damages परिनिर्धारित नुकसान	0.5 % per week, Max 5% of unexecuted job
Billing Frequency बिल करने की अवधी	On Completion of job

Note: - If any vendor other than **M/s. Indian Institute of Technology Kharagpur** participates in this tender, then their offer will be **Rejected** outright.

ARTICLE 3 अनुच्छेद-3: ANNEXURES ENCLOSED FORMING PART OF THIS e-TENDER ई-निविदा अंतर्गत संलगित परिच्छेद:

ANNEXURES	DOCUMENT DESCRIPTION
Annexure 1 संलग्नक-1	Statement of Technical Requirement (SOTR) (attached with NIT)
Annexure 2 संलग्नक-2	Acceptance format (matrix) of SOTR (attached with NIT)
Annexure 3 संलग्नक-3	Technical offer (attached with NIT)
Annexure 4 संलग्नक-4	Acceptance format (matrix) of NIT / STAC (attached with NIT)
Annexure 5 संलग्नक-5	Commercial offer (attached with NIT)
Annexure 6 संलग्नक-6	Price bid (attached with NIT)
Annexure 7 संलग्नक-7	Format for Bid Security Declaration (attached with NIT)
Annexure 8 संलग्नक-8	GRSE Standard Terms and Conditions (STAC) (please refer www.grse.in →Tender→Enclosures Related to tenders of Sub-Contracting Activities)
Annexure 9 संलग्नक-9	Fire & Safety Guidelines (please refer www.grse.in →Tender→Enclosures Related to tenders of Sub-Contracting Activities)
Annexure 10 संलग्नक-10	Special condition of contract (please refer www.grse.in →Tender→Enclosures Related to tenders of Sub-Contracting Activities)
Annexure 11 संलग्नक-11	Contractors Responsibility (please refer www.grse.in →Tender→Enclosures Related to tenders of Sub-Contracting Activities)
Annexure 12 संलग्नक-12	General Requirement (please refer www.grse.in →Tender→Enclosures Related to tenders of Sub-Contracting Activities)
Annexure 13 संलग्नक-13	PF, ESI declaration form (please refer www.grse.in →Tender→Enclosures Related to tenders of Sub-Contracting Activities)
Annexure 14 संलग्नक-14	Format for – Bank Guarantee Format for SD (please refer www.grse.in →Tender→Enclosures Related to tenders of Sub-Contracting Activities)
Annexure 15 संलग्नक-15	Format for - Insurance Surety Bond for Security Deposit

ARTICLE 4 अनुच्छेद-4: DOCUMENTS TO BE SUBMITTED WITH TECHNICAL BID:

Self-Attested documents are to be submitted with Part I of bid	
1	Valid MSE/NSIC certificate (if any)
2	Bid Security Declaration as per format at Annexure 7
3	Tender Fee
4	Technical Acceptance Format as attached with NIT
5	Commercial Acceptance Format as attached with NIT
6	Signed and Stamped NIT document

Note: In case of non-submission of documents as mentioned above, the bidder may liable to be considered as disqualified.

ARTICLE 5 अनुच्छेद-5: DOCUMENTS IN PHYSICAL FORM TO SUBMIT वास्तविक प्रपत्र जो जमा करने हैं:

PHYSICAL SUBMISSION		
1	Tender Fee Instrument	Within 03 days from opening of Part I bid
NOTE:	If instruments submitted through demand draft, the same to be drawn in favour of:	GARDEN REACH SHIPBUILDERS & ENGINEERS LIMITED
	The demand drafts should be payable at	<u>Kolkata</u>

ARTICLE 6 अनुच्छेद-6: JOB EXECUTION SCHEDULE कार्य निष्पादन सूची

- (A) **Mobilisation Period लामबंदी अवधी-** 07 days from the date of placement of LOA/Purchase Order will be given for commencement of work.
- (B) **Job Starting Date कार्य आरम्भ तिथी** - The job has to be commenced immediately after mobilisation as per instruction of YM dept.
- (C) **Job Completion date कार्य समाप्ती तिथी-** The details schedule is tabulated below:

Sl. No.	Activity	Schedule
1	Preliminary assessment through visual inspection, review of existing drawing and submission of initial report.	D + 2 Week
2	Submission of Feasibility study report on assessment of the maximum height of structure can be raised.	D + 4 Week
3	Submission of Preliminary Report along with proposed modification/ strengthening measures.	D + 5 Week
4	Submission of the Final report	D + 8 Week

Note: "D" means the day of placement of purchase order/LOA/LOI, whichever is earlier.

The Overall Completion period of the work including acceptance/approval of final report by GRSE will be 4 Months from the date of issuance of LOA/PO whichever is earlier. Details as per SOTR.

(D) Place of Work - GRSE Main Unit.

ARTICLE 7 अनुच्छेद-7: JOB EXECUTION कार्य निष्पादन -

Job is to be carried out strictly as per **SOTR** (SOTR No: **YM/AD/SOTR/CS/WBU/2026 Dated 16.04.2026**) at **Annexure 1**, Drawings, GRSE requirement and in case of doubt, instructions of HOD of YM dept. / DGM (YM) / AM (YM) / their nominated representative are to be followed.

ARTICLE 8 अनुच्छेद-8: GUARANTEE & WARRANTY गारंटी एवं वारंटी – Not Applicable

ARTICLE 9 अनुच्छेद-9: PRICE मूल्य –

Price quoted will be firm and fixed for the entire contract period till completion of work awarded during valid contract period. Price is to be quoted considering all Taxes & duties except GST. GST is to be indicated separately in the Price Bid and will be paid extra as per ruling rate. No escalation whatsoever will be considered under any circumstances within the valid tenure of contract.

ARTICLE 10 अनुच्छेद - 10: ESCALATION मूल्य वृद्धि: Not Applicable.

ARTICLE 11 अनुच्छेद- 11: UNREASONABLE QUOTES अतर्कसंगत भाव: Not Applicable.

ARTICLE 12 अनुच्छेद -12: OFFER VALIDITY प्रस्ताव की वैधता-

Offer should be valid for **90 days** from the date of opening of Part-I bid i.e. Techno-commercial bid. Under exceptional circumstances GRSE may request for extension of price validity, beyond **90 days** against valid reason.

ARTICLE 13 अनुच्छेद-13: CONDITIONAL OFFER सशर्त प्रस्ताव -

Conditional offers w.r.t. this tender shall not be accepted.

ARTICLE 14 अनुच्छेद-14: DETERMINATION OF L1 एल-1 का चयन -

Not Applicable as the job will be awarded to **M/s. Indian Institute of Technology Kharagpur** only.

ARTICLE 15 अनुच्छेद-15: BOQ बी ओ क्यू -

BOQ as part of SOTR given in the tender is tentative. It may vary according to actual requirement of job during the period of contract. The Bidder has to execute the required quantity at same Rate, Terms & Conditions. However, the Contractor will be paid based on actual quantity executed as per GRSE certification.

BOQ as per SOTR is given below:

SI. No.	Description	UOM	Qty
1.	Structural Analysis & Feasibility Study for Cover Shed	AU	1
2.	Structural Analysis & Feasibility Study for Gantry Crane	AU	1

NB: i) UOM = Unit of Measurement, ii) AU = Activity Unit, Details as per SOTR.

ARTICLE 16 अनुच्छेद-16: OPENING OF BIDS निविदा खुलना-

Part I (Techno-commercial) bid will be opened on the date declared in NIT. Part II bid will be opened post techno-commercial evaluation by GRSE. Opening date of Price Bid will be intimated accordingly.

ARTICLE 17 अनुच्छेद-17: MICRO& SMALL ENTERPRISES सूछम एवं छोटे उद्योग - Not Applicable.

ARTICLE 18 अनुच्छेद-18: ASSESSMENT OF VENDORS AND DISTRIBUTION OF JOBS TO MULTIPLE BIDDER विक्रेताओं का आंकलन एवं विविध बोली लगाने वालों में कार्य वितरण - Not Applicable as the job will be awarded to **M/s. Indian Institute of Technology Kharagpur.**

ARTICLE 19 अनुच्छेद-19: ELIGIBILITY CRITERIA पात्रता के मापदंड – Not Applicable.

ARTICLE 20 अनुच्छेद-20: INSTRUCTION TO THE BIDDERS बिडर हेतु अनुदेश -

1. Before submitting a bid, **M/s. Indian Institute of Technology Kharagpur** expected to examine the Bid Documents carefully, if they desire, may visit the work front, fully inform themselves of existing conditions and limitations including all items described in the Bid Documents. NO consideration will be granted for any alleged misunderstanding or the materials to be furnished, work to be performed or actual considerations to complete all work and comply with conditions specified in the Bid Document.
2. Any qualified deficiency, errors, discrepancies, omissions, ambiguities or conflicts in the Bid Documents, or there be any doubts as to the meaning of a provision or requirement, the same shall immediately brought to notice of GRSE Tendering Dept.in writing, not less than 02 days prior to bid closing date.
3. It is understood that in receiving this bid, GRSE assumes no obligation to enter into a contract for the WORK covered by this bid request. GRSE reserves the right to reject any and all unqualified proposals or waive irregularities therein. GRSE reserves the right to evaluate each and every proposal and accept the whole or any part of the tender and the Tenderer shall be bound to perform the same at the rates quoted.
4. GRSE also reserves the right to reject any or, all bids and accept the bid, which in its opinion, appears to be most advantageous to GRSE. Receipt and review of this Bid Request constitutes an agreement of confidentiality between GRSE and each of the contracting Firms preparing its Bid. GRSE reserves the right to change the form of this request to Bids, or make clarifications thereto, within a reasonable time before date of submission of Bids.
5. Generally, Contractor will assume all safety related responsibility for the site and will furnish and maintain its own safety program for itself and its subcontractors. Contractor are bound to comply with all applicable Environmental, Occupational Health & Safety rules, regulations, procedures and guidelines when performing work in the facility or site.
6. Bidders objecting on any grounds to any bid specification or legal requirements imposed by these bidding documents shall provide written notice to GRSE within 02 calendar days from the day bid document was made available to public. Failure of a bidder to object in the manner set forth in this paragraph shall constitute and irrevocable waiver of any such objection.
7. Job is to be carried out as per SOTR and instruction of the Engineer in-charge /his nominated representative.
8. Any Drawings or technical information attached / provided with this NIT is the Intellectual Property of the Company and will be governed by the specific Acts applicable thereto.
9. Post submission of Tender, such drawings and technical information are to be physically returned. Also, all soft copies are to be destroyed and a self-certification to be submitted during TNC, failing which the processing of bid will not be taken further.

10. Contractors are responsible to clean up the area of work w.r.t. all sort of debris generated on daily basis. If they fail to do so GRSE reserves the right to perform the cleaning activity and charge the contractor with penalty of up to 25%. As a part of National Mission of Swachh Bharat, GRSE has adopted Swachh GRSE and maintaining cleanliness of work area is an essential pre-requisite.
11. Bidder has to declare, in what capacity he is participating in the tender viz PSU, Limited Co, Pvt. Ltd. Co., Sole Proprietorship Organization, Partnership firm, Joint Venture etc. Supporting documents (scanned copy) confirming such status to be attachment to Part I bid.
12. A Bidder is allowed to submit only one Bid under any capacity / status.
13. Difficulty in submitting the bid:
 - a. Any query/difficulty in understanding of SOTR or other technical Terms may be got clarified from **Mr. Tanay Saha, DGM (YM)/ Main Unit, Mobile No. +91 76030 39445, e-mail: Saha.Tanay@grse.co.in**
 - b. Any query/difficulty in understanding of Commercial Terms may be got clarified from and **Mr. Ashim Kumar Dey, SM (Contract)/ 61 Park Unit, Mobile No. 75960 23717, e-mail: Dey.Ashimkumar@grse.co.in** prior to submission of offer.
14. **E-mail Address for communication**संचार हेतू ई. मेल पता: Vendor to provide e-mail address to enable faster communication.

15. AMENDMENT OF TENDER DOCUMENT

- i. Before the deadline for submission of the tender, the Tender Document may be modified by GRSE Ltd. by issue of addendum/corrigendum.
- ii. Addendum/corrigendum, if any, shall become a part of the tender document.
- iii. To give **M/s. Indian Institute of Technology, Kharagpur** reasonable time to consider the addendum/ corrigendum into account in preparing their tenders, extension of the deadline for submission of tenders may be given as considered necessary by GRSE.

ARTICLE 21 अनुच्छेद-21: BID REJECTION CRITERIA बिड अस्वीकृति के मापदंड –

Following bid rejection criteria may render the bids liable for rejection:

1. **M/s. Indian Institute of Technology Kharagpur** failure to furnish sufficient or complete details for evaluation of the bids within the given period which may range in between two to three weeks depending on the deficiencies noticed in the drawings / technical data which shall not however conflict with validity period.
2. Incomplete / misleading / ambiguous bid in the considered opinion of the Technical Negotiation Committee (TNC)/ Commercial Negotiation Committee (CNC) of GRSE.
3. Bid with technical requirements and/or terms not acceptable to GRSE / Customers / External agency nominated, as applicable.
4. Bid received without qualification documents, where required as per the Tender.
5. Bid not meeting the pre-qualification parameters / criteria stipulated in the Tender Enquiry.
6. Bid with validity expiry date shorter than that specified in the Tender Enquiry.

7. **M/s. Indian Institute of Technology Kharagpur** not agreed for the fixed price till the validity of the tender or have quoted the variable price.
8. **M/s. Indian Institute of Technology Kharagpur** not agreeing for furnishing of the required Security Deposit (SD).
9. **M/s. Indian Institute of Technology Kharagpur** submitted false/incorrect documents etc.
10. **M/s. Indian Institute of Technology Kharagpur** submitted **PRICE** along with Techno-Commercial Bid(Part-I).

ARTICLE 22 अनुच्छेद-22: POST AWARD APLICABLE CLAUSES ठेका जारी करनेके पश्चात लागू उपधारा -

A. Security Deposit प्रतिभूति जमा -

Interest free refundable security deposit of **5%** of individual work order value (inclusive of GST) is to be deposited in the form of Pay Orders/D.Ds/Insurance Surety Bond/Bank Guarantee. Details as per GRSE STAC.

B. Work Done Certificate (W.D.C.) कार्य पूर्ति प्रमाण-पत्र (डबल्यू.डी.सी)-

Work done certificate to be submitted through OBPS portal. WDC to be certified by DGM(YM)/nominated Officer from YM Dept. based on the acceptance report as applicable. W.D.C. is to include whether work has been completed as per delivery schedule or with delay [in days/weeks specified therein]. Any recovery towards usage of GRSE resources is also to be indicated. WDC will be issued as per the stages indicated in payment terms

C. Payment Terms भुगतान की शर्तें:

a. The Stage wise certified bill amount (with full GST) against actual work done will be paid on completion of job within 30 days of receipt of bill (in 03 copies) duly certified by Bill Certifying Authority supported with certified Work Done Certificate (WDC). Recoverable from contractor, if any, is to be adjusted from the payment as per certification of Bill Certifying Authority. Moreover, release of payment is subject to clearance of ESI / P.F and other labour oriented mandatory liabilities of the Contractor for execution of the job inside GRSE premises.

b. Stages of payment are tabulated below:

Stage	Job Description	Percentage (%)
1	Preliminary assessment through visual inspection, review of existing drawing and submission of initial report.	15%
2	Submission of Feasibility study report on assessment of the maximum height of structure can be raised.	25%
3	Approval of Feasibility study report on assessment of the maximum height of structure can be raised.	10%
4	Submission of Preliminary Report along with proposed modification/ strengthening measures.	20%
5	Submission of the Final report	10%
6	Acceptance of final report by GRSE	20%

c. Payment will be made on actual certification basis.

d. **Bill Certifying Authority:** DGM (YM) or their nominated Officer.

e. **Bill Submission:** Payment to be made as per payment terms as stated above through ECS/NEFT within 30 days against online submission of GST e-invoice through OBPS portal with work done / completion certificate or training completion certificate duly certified by GRSE/WOT/SS (whichever is applicable) for the respective services and subject to compliance of labour laws and statutory dues where ever applicable.

Note:

(i) All Vendors having turnover above Rs. 5 Crore have to mandatorily submit Invoice.

(ii) All Vendors having turnover below Rs. 5 Crore are also to submit E-Invoice/digitally signed invoice. (Vendors having turnover under Rs. 5 Crore have option to created E-Invoice).

(iii) Invoice in hard copy is not desirable.

(iv) Gate in entry date will be treated as gate stamped date.

(v) Work Done/Completion certifying authority must be at least at the level of Dy. Manager.

D. Liquidated Damages निर्णित हर्जाना - The vendor will be liable to pay minimum Liquidated Damages @ ½ % per week or part thereof on the undelivered work subject to a maximum of 5 % of the value of the order for delayed part. The amount of L.D. may be adjusted or set-off against any sum payable to the Contractor under this Contract.

E. Risk Purchase: - जोखिम खरीद -

In case the progress of work is not satisfactory and the contractor fails to maintain the schedule, GRSE reserves the right to get the work done by alternative source at the risk and cost of sub-contractor.

GRSE shall be at liberty to purchase/obtain the service from the alternative source as it deems fit, to make good such default and or in the event of the contract being terminated, the balance of the remaining service to be delivered there under. Any excess over the job price / service rates, paid and incurred by GRSE, as the case may be, over the contract price shall be recoverable from the firm. To make good the recoverable excess amount paid, GRSE shall be at liberty to invoke Bank Guarantee and/or with other available dues of the firm.

F. Damage of Materials/ Equipment: - The Subcontractor will ensure that **NO Damage** is caused to the Materials, Equipment's or any other property of GRSE during execution of the work due to negligence and/ or any reason whatsoever by the subcontractor. The cost of damage will be suitably recovered from Subcontractor's Bill.

G. Fire & Safety Precautions (for working inside GRSE): -

The Vendor/Contractor shall abide by the Safety regulations/rules of the GRSE as detailed in Fire & Safety Guidelines (please refer www.grse.in). The Vendor/Contractor should take all safety precautions and provide adequate supervision & control for their workmen in order to carry out the job safely. In case of any violation of safety precaution and non-usage of safety equipment, Contractor shall be liable for a penalty which is detailed in Fire and Safety Guidelines (please refer www.grse.in).

Penalty amount depends on the type and frequency of violation mentioned in the safety guideline and the same will be deducted from the defaulter's bill.

H. Mandatory use of ISI marked PPE by Contractor Employees (for working inside GRSE): - The Contractor shall ensure the use of ISI marked PPE by their engaged Employees. An indicative list of ISI marked Personal Protective Equipment, is appended below for mandatory compliance by the vendors without any deviation:

LIST OF PPES

Sl. No.	Name of PPE	Standard
(a)	Safety Helmet	IS: 2925 / EN 397.
(b)	Safety Footwear	IS 15298 / EN ISO 20345
(c)	Safety Goggles	ANSI Z87.1 / EN166.
(d)	Ear Plug	IS: 9167/ EN 352
(e)	Hand Gloves	(i) IS 4770 for electrical work (ii) EN 420 for general requirement (iii) EN 388 for mechanical hazard (iv) IS:6994 / EN 407 for heat applications (gas cutting / welding).
(f)	Welding Fume Respirator & Dust mask	IS: 9473 / EN: 149
(g)	Double lanyard Safety Belt & harness, automatic fall arrestor	IS: 3521
(h)	Cotton Boiler Suit Cloth	IS: 177 - 1989 (Amended up to date), Variety 3

Note: Apart from the above-mentioned PPE, vendors may consider any other type of standardized PPE as per job requirement, in consultation with GRSE Safety Department.

I. Contractor's Safety Personnel (संविदाकार के बचाव कर्मचारी) (for working inside GRSE): -

One fully specialist and certified Safety Personnel has to be posted at the site during progress of work. The responsibility of the safety personnel is to supervise and monitor the site safety obligations of all work places and to comply all laid down Fire & Safety Rules of GRSE. He also ensures all workmen working under the sub-contractor at site are made aware of and comply with all the safety norms.

ARTICLE 23 अनुच्छेद 23: SUBMISSION OF BIDबिड की पेशी –

1. Bids are to be submitted in two separate sealed envelopes
 - (i) Technical commercial offer (Part-I Bid) in duplicate
 - (ii) Price Offer only in original (Part-II Bid).

Both the sealed envelopes should be put in the third envelope and the third envelope should be sealed. Enquiry No./ Date, Due Date and Title should be superscripted on all the envelopes and to be submitted to:

Mr. Ashim Kumar Dey
SM (Contract), Contract Cell
Garden Reach Shipbuilders & Engineers Limited
61 Park Unit, 61, Garden Reach Road, Kolkata – 700 024
Mobile: +91 75960 23717
Mail Id: Dey.Ashimkumar@grse.co.in

2. Last date of submission of Bid / Date of opening of bid is indicated in Tender Document. Tender is liable to be rejected if all the requisite documents are not enclosed with the Part I, Techno-Commercial offer.
3. Date of opening of Part II offer i.e. Price Bid will be notified in due course after conclusion of TNC/CNC meetings and acceptance of Techno-Commercial offer. **M/s. Indian Institute of Technology Kharagpur** is requested to depute their authorized representative during opening of Price bids as per schedule promulgated.
4. GRSE reserves the right to accept / reject any Tender in full or in part without assigning any reason.

Ashim Kumar Dey
SM (Contract), Contract Cell
Garden Reach Shipbuilders & Engineers Limited
61 Park Unit, 61, Garden Reach Road, Kolkata – 700 024
Mobile: +91 75960 23717
Mail Id: Dey.Ashimkumar@grse.co.in


CONSULTANCY SERVICES FOR STRUCTURAL ASSESMENT AND HEIGHT ENHANCEMENT
FEASIBILITY OF EXISTING COVER SHED OVER WET BASIN

Annexure-1



**Garden Reach Shipbuilders & Engineers Limited,
A Govt. of India Undertaking
GRSE MAIN, Garden Reach Road, Kolkata – 700024**

16-April-2026

	<u>CONSULTANCY SERVICES</u> <u>FOR STRUCTURAL</u> <u>ASSESSMENT AND HEIGHT</u> <u>ENHANCEMENT FEASIBILITY</u> <u>OF EXISTING COVER SHED</u> <u>OVER WET BASIN</u>	SOTR No. YM/AD/SOTR/CS/WBU/ 2026
		Page- 2 to 6
Yard No.: NA		Rev: 00
Group : YM		
Inspection: GRSE YM Dept	Prepared by: Anupam Das, Spvr (YM) Date: 16.04.2026	Checked by: Debojit Nandi (AM/YM) Concurred by: Tanay Saha (DGM/YM)

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15.	Applicability of LD	8

1. Background

- (a) Garden Reach Shipbuilders and Engineers Ltd (GRSE) is a premier Defence Public Sector Undertakings (DPSU) under the administrative control of the Department of Defence Production (DDP), Ministry of Defence (MoD), Government of India and a Schedule "A" and Mini-Ratna Category-I company with the considerable experience and expertise in Shipbuilding/Ship Repair/ Bailey Bridge in commercial, defence and offshore segments in India and abroad.
- (b) The company has operations in two major divisions – a) Shipbuilding and Ship repair and b) Engineering. The key products include Frigates, ASW Corvettes, Missile Corvettes, Fleet Replenishment Tankers, Landing Ship-Tanks, Landing Craft-Utility, Survey Vessels, Offshore Patrol Vessels, Fast Attack Crafts, Inshore Patrol Vessels, Fast Patrol Vessel, Hovercrafts and Pre-Fabricated Bailey type & Modular Steel Bridges.
- (c) GRSE has various manufacturing units in & around Kolkata. The Main unit which is located in Kolkata has a Covered Wet Basin facility for outfitting and related activities of vessels. The Wet Basin is situated in the Main Unit premises and surrounded by other shipbuilding and production facilities existing nearby.
- (d) The Wet Basin is covered with shed and broad particulars are as follows: -

1	Size of Wet Basin	110 M X 24 M
2	Size of Steel Shed (Cover shed)	128 M X 39 M
3	Principal structural dimensions	Column span: 30 M (c/c), Column spacing: 8.3 M (c/c) Eaves height: 17.5 M, Gantry Girder top: 12.5 M
4	Expansion Joint	At middle of steel shed (64 M from either end)
5	EOT Crane	2 Nos. of 10 ton each at 12 m level from ground
6	Steel Column foundation	Pile foundation

7	Wet Basin Functioning	Since more than 30 years with due maintenance
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(e) Site Location:

Garden Reach Shipbuilders and Engineers Ltd.
Main Unit ,43/46, Garden Reach Road, Kolkata – 700 024, India

(f) Address/ Telephone/ Fax No. of Registered Office

Garden Reach Shipbuilders and Engineers Ltd.
GRSE Bhavan, 61, Garden Reach Road, Kolkata-700024, India
Website: www.grse.in

2. PURPOSE OF CONSULTANCY SERVICES

The purpose of consultancy services is to carry out structural stability assessment/analysis and feasibility study for enhancement in height of cover shed & gantry crane up to 12.9 m with due structural strengthening/modification to the extent feasible. This is necessitated to accommodate proposed outfitting of Cruise Vessel.

3. DESIGN & DRAWING

The structural drawings of existing cover shed including foundation is available. However, design analysis/ report is not available. The structural drawing will be provided after issue of order.

4. SCOPE OF WORK

- Preliminary assessment of the structure on visual inspection/site measurement.
- Review of available drawings of the existing Cover Shed (Design document is not available).
- Structural analysis of the existing shed considering present condition and for increase in height up to 12.9 m applicable latest BIS. In case height increase up to 12.9 m is technically not feasible as per structural analysis, assessing the height of structure up to which the structure can be increased with strengthening/retrofitting to the feasible/practical extent.
- Assessment of the requirements for modifications, strengthening, or retrofitting of the existing structural members to facilitate the proposed height increase.
- Approximate cost estimate for the suggested structural modification/strengthening/retrofitting work.
- Any other allied jobs.

5. DELIVERABLES

- Detail structural analysis/assessment reports/documents for existing shed as well as extent feasible enhancement of shed.
- Detail structural drawings regarding modification/strengthening/retrofitting for proposed enhancement in height.
- Detail cost estimation & BOQ for the project of modification/strengthening/retrofitting.

6. PROJECT TIMELINE

Sl. No.	Activity	Schedule
1	Preliminary assessment through visual inspection, review of existing drawing and submission of initial report.	D + 2 Week
2	Submission of Feasibility study report on assessment of the maximum height of structure can be raised.	D + 4 Week
3	Submission of Preliminary Report along with proposed modification/ strengthening measures.	D + 5 Week
4	Submission of the Final report	D + 8 Week

Note: "D" means the day of placement of purchase order/LOA/LOI, whichever is earlier.

- The Overall Completion period of the work including acceptance/approval of final report by GRSE will be 4 Months from the date of issuance of LOA/PO whichever is earlier.

7. Documents Prepared by the Consultant to be the Property of GRSE

All plans, drawings, specifications, designs, reports and other documents prepared by the consultants in performing the services shall become and remain the exclusive property of GRSE, and the consultants shall, not later than upon termination or expiration of this contract, deliver all such documents to GRSE, together with a detailed inventory thereof. The consultants shall not use the said documents for purposes unrelated to this contract in any manner whatsoever.

8. Confidentiality of Information

All information disclosed by GRSE to the bidders and/or all deliberations so held with the bidders and the project reports etc that may be prepared by the successful bidder post

award of contract shall be treated as confidential information of GRSE and shall not be disclosed or divulged or used by the bidders to/for any third party.

9. Standard of Performance by the Consultant

The Consultant shall carry out consulting engineering services in conformity with generally accepted norms and sound engineering standards with due diligence, efficiency and economy, in accordance with accepted design standards (BIS etc) and practices used in the construction industry. The Consultant shall always act, in respect of any matter relating to this to the services, as faithful advisers to GRSE, and shall at all times support and safeguard GRSE's legitimate interests in any dealings with or third parties.

10. Site Consultations

The work shall be carried out in consultation with the Yard Modernisation Department of GRSE headed by Dy. General Manager (YM), with other officers as nominated by him.

11. VISIT EXPENSES

All expenses related to the visit of IIT/consultancy officials, including travel, lodging, and other incidental cost, shall be deemed to be included in the quoted/contracted value. The cost shall also include any requirement of engaging sub-vendors or specialists and all activities necessary for assessment as per the defined scope of work, which shall be fully borne within the scope.

12. Safety

All necessary safety measures shall be strictly followed during the assessment of the industrial cover shed as per BIS/industrial safety norms. The consultant shall ensure compliance with applicable safety regulations, and any safety arrangement equipment or manpower required for carrying out the assessment shall be included within their scope of work.

13. Payment Schedule

Payment will be made as percentage of total value.

Sl.	Payment Schedule	% Payable	Cumulative %
1	Preliminary assessment through visual inspection, review of existing drawing and submission of initial report.	15	15
2	Submission of Feasibility study report on assessment of the maximum height of structure can be raised.	25	40
3	Approval of Feasibility study report on assessment of the maximum height of structure can be raised.	10	50
4	Submission of Preliminary Report along with proposed modification/ strengthening measures.	20	70
5	Submission of the Final report	10	80
6	Acceptance of final report by GRSE	20	100

14. Contract Closure Time:

The Contract Closure Time will be **6 Months from** the date of issuance of LOA/PO whichever is earlier.

15. Applicability of LD:

Applicability of LD will be evaluated on the basis of total project duration under this tender.

*****END*****

Form for Bid Security Declaration

Date: DD/MM/YYYY

Bidder's Ref: _____

GeM Tender Ref: _____

To

M/s. Garden Reach Shipbuilders & Engineers Ltd.
61 Park, 61, Garden Reach Road,
Kolkata – 700 024

Kind Attn: (*Name & Designation of tender issuing officer*)

Dear Sir / Madam,

We the undersigned declare that:

We understand that, according to tender conditions, bids must be supported by a bid Security Declaration along with valid MSE/NSIC document.

We accept that we will automatically be suspended from being eligible for bidding in any contract with M/s. GRSE Ltd. for the period of 03 Years starting from date of opening of price bid, if we are in breach of our obligation(s) under the bid conditions, because we:

- (a) Have withdrawn our bid after opening of price bid and within the bid validity specified in the tender; or
- (b) Having been notified of the acceptance of our bid by M/s. GRSE Ltd. during the period of bid validity, (i) fail or refuse to execute the contract, if required, or (ii) fail or refuse to furnish the security deposit, in accordance with Article 22 (A) of tender.

We understand this bid security declaration shall expire if we are not the successful bidder, upon the earlier of (i) our receipt of your notification to us of the name of the successful bidder; or (ii) twenty-eight days after the expiration of our bid.

[*Insert signature of authorized representative*]

[*Insert legal capacity of the person signing the declaration*]

[*Insert complete name of person signing the declaration*]

Duly authorized to sign the bid for and on behalf of [*insert complete name of bidder*]

Date: DD/MM/YYYY

[*Put corporate seal as appropriate*]

**PROFORMA OF UNCONDTAIONAL AND IRREVOCABLE INSURANCE SURETY
BOND FOR PERORMANCE SECURITY
(ILLUSTRATTVE FORMAT)**

(On Non-Judicial stamp paper of value Rs. 500/-. However, the value of stamp paper to be confirmed from Legal Department, GRSE.)

1. IN CONSIDERATION OF GARDEN REACH SHIPBUILDERS AND ENGINEERES LIMITED, a Government company within the meaning of the Company Act 2013 and having its registered office at "GRSE BHAVAN", 61, Garden Reach Road, Kolkata-700024 (hereinafter referred to as the "the Purchaser " which expression shall , unless it be repugnant or contrary to the subject or context thereof, be deemed to mean and include its successors and assigns) having placed an order or Messersa partnership firm/sole proprietor ship concern a company registered under the Companies Act,2013 which expression shall, unless it be repugnant or contrary to the subject or context thereof, be deemed to mean and include its successors and assigns) vide order No..... dated.. (hereinafter called "the order" which expression shall include any amendments/alterations to "the order" issued by "the Purchaser") for the supply , delivery at site, installation and commissioning of certain equipment, item/services/civil works etc. as stated in the said Order and the purchaser having agreed with the Contractor/Supplier to accept an unconditional and irrevocable Insurance Surety Bond in lieu of Performance Security payable under the said order for the fulfillment and performance of the said order, We,Surety Insurer having office at (hereinafter referred to as 'the Surety" which expression shall includes its successors and assigns) hereby agree to pay to the Purchaser without any demur on First demand an amount not exceeding Rs-..... (Rupees.....only) being 5% of the order value against any loss or damage, costs, charges and expenses caused to or suffered by the Purchaser by reason of non-performance and non-fulfillment or for any breach on the part of the Contractor / Supplier of any of the terms and conditions of the said order.
2. We, the Surety further agree that the Purchaser shall be sole judge whether the said Contractor / Supplier has failed to perform or fulfil the said order in terms thereof or committed breach of any terms and conditions of the order and the extent of loss, damage, cost, charges and expenses suffered or incurred or would be suffered or incurred by the Purchaser on account thereof and we waive in the favour of the Purchaser all the rights and defences to which we as surety may be entitled to.
3. We, the Surety further agree that the amount demanded by the Purchaser as such shall be final and binding on the Surety as to the Surety's liability to pay and the amount demanded and the Surety undertake to a the Purchaser the amount so demanded on first demand and without any demur and withindays from receipt of demand, notwithstanding any dispute raised by the Contractor/Supplier or any suit or other legal proceedings including ;arbitration pending before any court, tribunal or arbitrator relating thereto, our liability under this Bond being absolute and unconditional.
4. We,..... the Surety further agree with the Purchaser that the Purchaser shall have the fullest liberty without our consent and without affecting in any manner our obligations hereunder to vary any of the terms and conditions of the said order/or to extend time of performance by the Supplier from time to time or to postpone for any time to time any of the powers exercisable by the Purchaser against the Contractor/ Supplier and to forbear to enforce any of the terms and conditions

relating to the order and we shall not be relieved from our liability by reason of any such variation or extension being granted to the Contractor/ Supplier or for any forbearance, act or omission on the part of the Purchaser or any indulgence by the Purchaser to the Contractor/Supplier or by any such matter or things whatsoever which under the law relating to sureties would have the effect of relieving us.

5. We, the Surety further undertake not to revoke this Bond during its currency except with the previous consent of the Purchaser in writing.
6. We, the Surety also agree that the Surety's liability under this Bond shall not be affected by any change in the constitution of the Contractor / Supplier or dissolution or winding up of the business of the contractor/ supplier.
7. Notwithstanding anything contained herein above:
 - (i) Our liability under this Bond shall not exceed Rs.....
 - (ii) This Surety Bond shall be valid upto and including.....; and
 - (iii) We are liable to pay the Bond amount or any part thereof under this Surety Bond only and only if you serve upon us a written claim or demand on or before (validity + 4 weeks from the date of expiry of this Bond).
8. This Bond shall be governed by Indian laws and the Courts at Kolkata, India shall have the exclusive jurisdiction.

IN WITNESS WHEREOF the Surety has executed this document on this..... day of

For..... Surety

(by its constituted attorney)

(Signature of a person authorized to sign on behalf of "the Surety")
