



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, E-Mail ई मेल: dey.ashimkumar@grse.co.in

CIN सी आई एन: L35111WB1934GOI007891
NOTICE INVITING TENDER (NIT)
निविदा आमंत्रण सूचना

Garden Reach Shipbuilders & Engineers Limited, a **leading Warship Builders and Engineering Product Company**, invites interested, reputed, resourceful and financially solvent Contractors to submit **single stage two-part (Part I- Techno-Commercial & Part II- Price) bids** through e-tendering mode for the work package as per following bid document:

NIT No निविदा संख्या:	SCC/AKD/OT(Web)/BLASTING/069/RA-3163	Dated: 03/3/2025
Job Title कार्य का नाम:	“BIENNIAL RATE CONTRACT FOR BLASTING (HYDRO/VACUUM)-PRIMING AND SYSTEM COAT PAINTING OF EXPOSED DECKS FOR VARIOUS SHIPBUILDING PROJECTS AT GRSE”	
Tender issuing Dept. बिभाग द्वारा जारी:	Contract Cell (संविदाबिभाग), GRSE (61 Park)	

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

SCHEDULE सारणी		
Bid submission Starting Date निविदा जमा करने की प्रारंभिक तिथि	17/03/2025	14:00 hrs.
Tender Due Date निविदा जमा की अंतिम तिथि	24/03/2025	12:00 hrs.
Tender Opening Date (Part I) निविदा खुलने की तिथि (तकनीकी- वाणिज्यिक बोली भाग-I)	26/03/2025	14:00 hrs.
Offer Validity Period minimum ऑफर की नियुक्तम वैधता अवधी	90 days from date of opening of Tender (Part – I)	

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

FEES / DEPOSITS	
Tender Fee निविदा प्रपत्र मुल्य (स्टैंक के परिच्छेद 03 में उद्धृत)	INR 500/-
Earnest Money Deposit (EMD) बयाना राशि जमा	Rs. 9,57,000/-
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
Evaluation of L1 एल1 का मूल्यांकन	L1 bidder will be decided on Totally Basis through Reverse Auction excluding GST



Note: a) Bidders are required to submit EMD amount as Bid Security against this tender. In case of withdrawal of the bid/ fail or refuse to execute the contract / fail or refuse to furnish the security deposit, the EMD shall liable to be forfeited.

b) MSE/NSIC registered firms having the tendered service listed in their MSE document will be eligible for exemption from submitting the EMD and Tender Fee. Non-submission of EMD or a valid MSE/NSIC certificate may lead to offer rejection.

c) The vendors registered with GRSE shall be exempted from submission of EMD subject to submission of valid copy of the registration certificate issued by GRSE. Having tender's service similar to tendering service listed with the list of items / services for which they are registered. In lieu, they shall be required to submit 'Bid Security Declaration' as per the format at **Annexure-10**.

d) In the case of Consortium, the lead partner should be registered with GRSE to qualify for exemption of EMD.

e) In the case of Joint Venture, the entity should be registered with GRSE to qualify for exemption of EMD.

*** [The submission of EMD & Tender Fee instrument is MANDATORY for joint-venture or consortium of two or more firms and there shall be no exemption applicable against submission of NSIC/MSE certificates by the firms]**

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	GRSE Standard Terms and Conditions (STAC) (please refer www.grse.in →Tender→Enclosures Related to tenders of Sub-Contracting Activities)
Annexure 3 संलग्नक-3	Format for Technical Eligibility Criteria (attached with NIT)
Annexure 4 संलग्नक-4	Format for Financial Eligibility Criteria (attached with NIT)
Annexure 5 संलग्नक-5	Format for Self-Certification for not having blacklisted/ not received any tender holiday
Annexure 6 संलग्नक-6	Check List of Statutory Responsibility of Contractor and Principal employer (attached with NIT)
Annexure 7 संलग्नक-7	Check List for Bill submission (please refer www.grse.in →Tender→Enclosures Related to tenders of Sub-Contracting Activities)
Annexure 8 संलग्नक-8	Price Escalation Details Guideline (attached with NIT)
Annexure 9 संलग्नक-9	Format for Integrity Pact (attached with NIT)
Annexure 10 संलग्नक-10	Format for Bid Security Declaration (attached with NIT)
Annexure 11 संलग्नक-11	Fire & Safety Guidelines (please refer www.grse.in →Tender→Enclosures Related to tenders of Sub-Contracting Activities)
Annexure 12 संलग्नक-12	Special condition of contract (please refer www.grse.in →Tender→Enclosures Related to tenders of Sub-Contracting Activities)

Annexure 13 संलग्नक-13	Contractors Responsibility (please refer www.grse.in →Tender→Enclosures Related to tenders of Sub-Contracting Activities)
Annexure 14 संलग्नक-14	General Requirement (please refer www.grse.in →Tender→Enclosures Related to tenders of Sub-Contracting Activities)
Annexure 15 संलग्नक-15	PF, ESI declaration form (please refer www.grse.in →Tender→Enclosures Related to tenders of Sub-Contracting Activities)
Annexure 16 संलग्नक-16	Format for - Bank Guarantee Format for EMD (please refer www.grse.in →Tender→Enclosures Related to tenders of Sub-Contracting Activities)
Annexure 17 संलग्नक-17	Format for - Bank Guarantee Format for SD (please refer www.grse.in →Tender→Enclosures Related to tenders of Sub-Contracting Activities)

ARTICLE 4 अनुच्छेद-4: DOCUMENTS TO BE UPLOADED अपलोड हेतु दस्तावेज

Self-Attested documents are to be scanned and uploaded with Part I of GeM-bid ई-बिड के भाग-1 के साथ स्कैन एवं अपलोड हेतु स्वअभिप्रामाणित दस्तावेज		
1	DD/PO or MSE/NSIC Exemption certificate towards Tender fee	Yes
2	DD/PO/BG or MSE/NSIC Exemption certificate towards EMD	Yes
3	Technical Acceptance Format as available with NIT after being downloaded and filled up	Yes
4	Commercial Acceptance Format as available with NIT after being downloaded and filled up	Yes
5	Documents meeting the Technical Eligibility Criteria as per format at Annexure-3	Yes
6	Documents meeting the Financial Eligibility Criteria as per format at Annexure-4	Yes
7	Audited/Certified Annual Accounts and Annual Report for immediate last three (03) financial years ending on 31st Mar'2024 in support of Financial Eligibility.	Yes
8	Self-Certification for not having blacklisted /not received any tender holiday as per eligibility criteria to be submitted as per format at Annexure-5	Yes
9	PAN /TAN, GST, Labor License Certificate, Registration Certificate of the Company with ROC, Memorandum and the Article of Association of the firm.	Yes
10	Copies of registration with PF, ESI authorities/ last challans etc.	Yes
11	Partnership Deed / Memorandum and the Article of Association of the firm confirming partners and lead partner	Yes
12	Joint Venture Agreement / Memorandum of Understanding with Power of Attorney in favour of lead member.	Yes
13	Integrity Pact (refer clause 01 of STAC) as per format at Annexure-9	Yes
14	Bid Security Declaration as per format at Annexure 10	Yes
15	Government E-Market Place (GeM) registration certificate with Unique GeM Seller ID	Yes
16	Confirmation of TReDS registration number (Entity ID) for invoice discounting system in case of MSME Organization	Yes



- a. In case of non-submission of documents as mentioned above, the bidder may liable to be considered as disqualified.
- b. The Bidders has to submit ink signed hard copy of all above documents within 03 days from opening of Part I bid.
- c. Registered Vendors with GRSE need not upload documents at Sl. 9 above, if valid documents already submitted / available with GRSE Vendor Registration Cell.

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
2	EMD 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>
3.	Integrity Pact	Within 03 days from opening of Part I bid

Note: Above mentioned original Negotiable Instruments as stipulated, to reach to **GM (CC, HP & IP)**, Contract Cell, Commercial Department, 2nd Floor, GRSE 61 Park Unit, 61, Garden Reach Road, Kolkata – 700 024 within stipulated period as indicated above in a sealed envelope with tender number and job duly superscripting on it.

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

(A) Tenure of Contract संविदा कार्यकाल- Initially, the rate contract shall be established for a period of **02 (Two) Years** from the date of commencement. The contract period may be extended for a further period of another 02 years as per requirement of GRSE production schedule. Similarly, the contract period may be reduced also as per GRSE discretion. Individual Work Order will be issued case to case basis. The rate contract will be applicable for all ongoing and upcoming projects of GRSE.

(B) Mobilisation Period लामबंदी अवधी- 07 days from the date of placement of LOI/Purchase Order will be given for commencement of work.

Failure to mobilize within this period will attract a penalty of 0.5% of PO Value per additional day of delay in mobilization.

(C) Job Starting & Completion Schedule कार्य आरम्भ, समाप्ती तिथी – Job has to be started immediately after mobilization and to be completed as per requirement of GRSE production schedule. Details will be indicated against individual Purchase Order.

(D) Inspection Authority - Paint manufacturer (OEM)/WOT/GRSE(QA)/Paint Shop as applicable.

(E) Place of Work - GRSE Kolkata based Units (MW/FOJ/RBD/KPDD).



ARTICLE 7 अनुच्छेद-7: JOB EXECUTION कार्य निष्पादन -

Job is to be carried out strictly as per **SOTR** (SOTR No: PS/SOTR/57 dt. 06.01.2025 at **Annexure 1**, Drawings, GRSE requirement and in case of doubt, instructions of the Engineer in-charge / PL or their nominated representative are to be followed. The rate contract will be applicable for all ongoing and upcoming projects of GRSE.

ARTICLE 8 अनुच्छेद-8: GUARANTEE & WARRANTY गारंटी एवं वारंटी – Applicable for a Period of 12 months from the date of final inspection clearance. Details as per GRSE STAC.

ARTICLE 9 अनुच्छेद-9: PRICE मूल्य –PRICE DISCOVERY & PRICE BASIS

a. Price shall be discovered through **Online Reverse Auction**, to be conducted by M/s National Informatics Centre (NIC), service provider to GRSE. **Only the Techno-Commercially accepted vendors shall be allowed to participate in the Online Reverse Auction Event, the date & time of which shall be intimated to all the eligible vendors by the service provider in due course.**

b. All the participating vendors has to quote separately in the Price Bid Format. Price is to be quoted with all taxes & duties except GST. GST is to be indicated separately in the Price Bid Format & will be applicable as per ruling rate.

c. Start bid price will be promulgated prior to the commencement of reverse auction. The price shall be inclusive of basic price, all applicable taxes and duties except GST. GST will be applicable as per ruling rate.

d. The price obtained through Reverse Auction will be firm and fixed till the tenure of the contract of two (02) years. No escalation whatsoever will be considered under any circumstances within the valid tenure of contract.

ARTICLE 10 अनुच्छेद - 10: ESCALATION मूल्य वृद्धि: The initial established rates will be valid till the tenure of the contract i.e. for a period of **02 years**. Thereafter, one-time Escalation will be applicable on the established rates as detailed in **Annexure 8**, only for the unexecuted portion of work which goes beyond the contractual period and where the delay thereof is proved beyond doubt and not attributable to the contractor. Where the job has already loaded and it is under progress will not be considered for escalation of price.

However, in case of extension/ delay is attributable to the contractor for the unexecuted portion of work, then the escalation clause will not be applicable and LD will also be levied.

ARTICLE 11 अनुच्छेद- 11: UNREASONABLE QUOTES अतर्कसंगत भाव -

i) In case the price of L-1 Bidder is found to quote unreasonably low and/or express desires to withdraw from the tender then such bid will be cancelled and EMD will be forfeited and punitive action will be taken in line with the provision as per GRSE Vendor Policy.

ii) However, in case the L1 Bidder agrees to take-up the job with such unreasonable low quote, lower by 30% or more than estimate and also if the difference in price between L1 & L2 is 30% or more, then the quoted price to be analysed w.r.t tender requirement and if the L1 bidder fails to justify their quoted rate, the obtained L1 quote will be rejected and punitive action will be taken in line with the provision as per GRSE Vendor Policy.

iii) If the justification is acceptable to GRSE, then the bidder has to submit Bank Guarantee of 10% of the total Contract value (inclusive of GST) in addition to the Security Deposit (SD) and Performance Bank Guarantee (PBG) for execution of the job till satisfactory completion of entire contract. There shall be no exemption / relaxation for the Guarantee against unreasonable quote. In case of breach of contract GRSE shall reserve the right to invoke the BG and may impose tender holiday for a period as per GRSE Vendor policy.

**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. tender will not be accepted. However, in case the bidder wishes to deviate from any/ some commercial Terms & conditions, then separate deviation statement has to be uploaded along with Part-I bid.

However, GRSE reserves the right to accept / reject the deviations / bid with deviations after giving reasonable opportunity to the Bidder.

If the deviation is acceptable to GRSE, then suitable loading factor for such deviation on the price quoted by the bidder will be formulated during technical/commercial negotiation and the factor will be loaded on the price quoted by the bidder for determination of L1 price.

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

L1 bidder will be decided on **Totality Basis through Reverse Auction.**

ARTICLE 15 अनुच्छेद-15: BOQ बी ओ क्यू -

BOQ as part of SOTR given in the tender is tentative and it may vary according to actual requirement of job during the period of rate contract. The selected Bidder has to execute the required quantity at same rate, terms & conditions up to variation of **(+300%)** in addition to the initial quantity for individual line items. Similarly, the quantity of individual items may be reduced also as per GRSE project requirement. Necessary amendment of the Purchase Orders will be issued accordingly. The contractors will be loaded according to GRSE project requirement.

The detailed BOQ is given below:

Sl. No.	Job Description	UOM	Qty.
1	HYDRO BLASTING & PRIMING	M2	10,000
2	VACUUM BLASTING AND PRIMING	M2	10,000
3	SYSTEM COAT PAINTING	M2	50,000

NB: i) UOM = Unit of Measurement, ii) M2 = Square Meter. Details as per SOTR at Annexure - 1.

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. Price bid of only those who qualify techno-commercially will be opened. Opening date of Price Bid will be intimated accordingly to all qualified bidders. Disqualified bidders, either during technical assessment or commercial discussion or both techno-commercial evaluation will also be intimated about their non-consideration for further processing.

ARTICLE 17 अनुच्छेद-17: MICRO& SMALL ENTERPRISES सूछम एवं छोटे उद्योग -

- The 'Public Procurement Policy for Micro & Small Enterprises (MSEs) Order, 2012' and subsequent amendments / guidelines / press publications / circulars to the Order, as issued by the Ministry of MSME, shall be applicable as on the date of opening of the price bids.
- The bidders are advised to check the website of the Ministry of MSME for details of the amendments / circulars issued by the Ministry of MSME.



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 -

(A) Assessment & job distribution during tenure of contract for initial 02 years

- i. Selection of vendor: A pool of Techno-commercially cleared vendor will be created through negotiation based on the submitted documents against the tender. Price bids of those qualified vendors will be opened.
 - ii. Establishment of rate: After finalization of price with L1 bidder through reverse auction, the established rate will be offered to the qualified pool of vendors. The vendors who are interested for the job have to accept the L1 rates for execution of the job.
 - iii. Distribution of job: Individual work order will be issued Ship wise as per GRSE discretion. Loading of job on multiple vendors' will be purely based on production requirement. The tentative ratio of work distribution to more than one qualified vendor will be **60:40 for 02 bidders; 60:30:10 for loading to 03 bidders** respectively, against established rate contract. In case of Resultant Single Vendor Situation / non-acceptance of established rate by bidders other than L1, then only **60%** of the total job will be loaded to L1 bidder. Balance **40%** of the job will be loaded to L1 bidder based on their performance while execution of the job for the initial 60%. The ratio is indicative only and may vary as per actual requirement of the yards / ships/performance of the vendors and work orders shall be issued accordingly.
 - iv. In case of requirement for future projects / poor performance by engaged vendors, other qualified bidders may be engaged for execution of balance job subject to acceptance of established rate of L1.
- Note:** The loading of the job will be purely based on GRSE requirement and performance of the vendor. If the performance is not satisfactory, then the job allotted will be withdrawn and will be distributed to other available vendors as per discretion of GRSE. No claim from individual vendors will be accepted.
- v. Establishment of rate: Rate finalized against the tender will remain firm for the period of initial 02 years. After expiry of 02 years, the rates will be escalated as per escalation clause at Article No. 8. All selected vendors have to accept the escalated rate for execution of job in subsequent phase of contract.

ARTICLE 19 अनुच्छेद-19: ELIGIBILITY CRITERIA पात्रता के मापदंड -

A. Technical Eligibility Criteria तकनीकी मापदंड - As per SOTR No: PS/SOTR/57 dt. 06.01.2025 (Annexure 1).

Supporting documents meeting Technical eligibility criteria as detailed in SOTR to be submitted along with the Part-I bid. Satisfactory Work Completion Certificates indicating the work order numbers, issued by the party for whom the work has been done to be submitted for assessment during TNC meeting. GRSE has the right to verify / cross verification of authenticity of the said documents whenever felt necessary.

B. Financial Eligibility Criteria वित्तीय मापदंड -

- i) Bidder's Average Audited Annual financial turnover during last 03 financial years ending on **31st March, 2024** should be at least **Rs. 87 Lakhs**.



- C. Self- Certification Criteria:** The bidder should give self-certification (as per **Annexure 5**) that they have neither been Blacklisted nor have received any tender holiday from any PSUs/Central & State Govt. Organizations or any other Government / Quasi Government Organizations during last 03 (three) years ending on **28.02.2025**. The bidder has to submit self-certification for the same along with the techno-commercial offer. GRSE reserves the right to independently verify the same. In case violation of declaration is detected at any stage of tender process and during currency of contract, the order will be terminated.

Note:

- a) If any bidder has been black listed by any PSUs/Central & State Govt. Organizations or any other Government / Quasi Government Organizations, then the bidder is not eligible to participate in this tender. If any discrepancy is detected at any stage of the tender, then the offer submitted by the bidder / contract awarded to the bidder will be cancelled and EMD/SD shall be forfeited and appropriate action will be taken in accordance with the vendor policy of GRSE.
- b) If any bidder has been 'Put on Tender Holiday' by any PSUs/Central & State Govt. Organizations or any other Government / Quasi Government Organizations, then this fact must be clearly stated and it may not necessarily be a cause for disqualifying them.
- c) If case of non-submission of the self-certification document as per format at **Annexure 5**, the bidder will be treated as non-responsive and their offer will be rejected.

[Requisite formats attached with NIT as Annexure 3,4 & 5 of Article 3 to be filled up by the bidders in support of above eligibility criteria and to be submitted the same along with the Techno-Commercial bid.]

ARTICLE 20 અનુષ્ઠાન-20: INSTRUCTION TO THE BIDDERS બિડર હેતુ અનુદેશ -

1. Before submitting a bid, bidders are 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 regarding
 - (i) The materials (if any) which are to be furnished by vendor for the work.
 - (ii) The work which is to be performed by the vendor.
 - (iii) Actual considerations made by bidder to complete all work.
 - (iv) To 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 07 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 **07** 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. **Independent External Monitors (IEM)** आई. ई. एम. : Either or both of the following Independent External Monitors will have the power to access the entire project document and examine any complaints received by him. In case of any change in IEMs, it will be informed accordingly.

The communication details of the IEMs are as follows:-

(A) Shri Lov Verma, IAS (Retd.),
Independent External Monitor
Email: lov_56@yahoo.com

(B) Shri Debashis Bandyopadhyay, Ex-Director (HR), BHEL
Independent External Monitor
Email: debashis9999@gmail.com

8. **Integrity Pact** समग्रता अनुबंध: – The Integrity pact essentially envisages the agreement between prospective vendors /Bidders & buyers committing the person/officials of both the parties not to exercise any corrupt influence on any aspects of the contract. Only those vendors/bidders who enter into such an integrity pact with the buyer would be competent to participate in the bid. The format of Integrity Pact is enclosed with tender document (**refer Annexure-9**). The “Integrity pact on Govt. issued Stamp paper of Rs. 100 duly filled as per enclosed format to be submitted in original. Bidders to ensure that every page of IP is ink signed with company seal/stamp in every page. [Please refer guideline for IP in STAC (Sl.No.- 1) in GRSE website]
9. Job is to be carried out as per SOTR and instruction of the Engineer in-charge /his nominated representative.
10. 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.
11. 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.



12. 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.
13. 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 uploaded as attachment to Part I bid.
14. A Bidder is allowed to submit only one Bid under any capacity / status.
15. Difficulty in submitting the bid:
 - a. Any query/difficulty in understanding of SOTR or other technical Terms may be got clarified from **Mr. Swastik Pattnaik, Mgr. (MW-PAINT)/ Main Unit, Mobile No. +91 75960 88739, e-mail: Pattnaik.Swastik@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. +91 75960 23717, e-mail: Dey.Ashimkumar@grse.co.in** prior to submission of offer.
 - c. Any difficulty in submitting / uploading of e-tender or for any system help **Mr. Saraswata Palit, DGM (GRSE E-PROCUREMENT), e-mail/ Palit.Saraswata@grse.co.in** / GRSE Service Provider M/s. NIC personnel may be contacted [Land line no: 033 24893902]
16. **E-mail Address for communication** संचार हेतु ई. मेल पता: Vendor to provide e-mail address to enable faster communication.

ARTICLE 21 अनुच्छेद- 21: e-BID INSTRUCTION ई बिड के अनुदेश –

- a) To participate in the e-Bid submission for GRSE, it is mandatory for the bidders to get their firms registered with GRSE E-Procurement portal <https://eprocuregrse.co.in>
- b) It is mandatory for all bidders to have class – III Digital Signature Certificate (DSC) in the name of the person who will digitally sign the bid from any of licensed Certifying Agency (CA). Bidders can see the list of licensed CAs from the link <http://www.cca.gov.in>.
- c) Bidders can view / download Part-I (Techno-Commercial) bid documents along with all attachments in E-Procurement portal <https://eprocuregrse.co.in>; Central Public Procurement Portal <https://eprocure.gov.in/cppp/> and GRSE website <https://grse.in/tender-published>. They need to fill up the downloaded documents as per instruction and upload the same during bid submission. Non-acceptance of any techno-commercial criteria is discouraged. However, if there is any, it is to be commented accordingly and also stated in the separate deviation format.
- d) Bidders need to fill up Part II (Price) bid online in Excel Template price bid format by inserting unit price only. No other attachment to the price bid will be reckoned.
- e) In case the bidder does not quote his rate for any item(s), it will be presumed that the bidder has included the cost of that/those item(s) in the rates of other items and the rate for such item(s) shall be considered as **Zero** and the tender will be evaluated by the Employer accordingly and the work executed by the successful bidder accordingly.



- f) Bids can be submitted only during validity of registration of bidder with GRSE e– Procurement portal.
- g) The amendments / clarifications to the bid document, if any, will be posted on E- Procurement portal / GRSE web site only.
- h) It will be the bidder's responsibility to check the status of their Bid on-line regularly after the opening of bid till award of work.
- i) **AMENDMENT OF TENDER DOCUMENT**
 - i. Before the deadline for submission of tenders, the Tender Document may be modified by GRSE Ltd. by issue of addenda/corrigendum. Issue of addenda / corrigenda will however be stopped 7 days prior to the deadline for submission of tenders as finally stipulated.
 - ii. Addendum/corrigendum, if any, will be hosted on website / e procurement portal and shall become a part of the tender document. All Tenderers are advised to see the website for addendum/ corrigendum to the tender document which may be uploaded up to 7 days prior to the deadline for submission of Tender as finally stipulated.
 - iii. To give prospective Tenderers reasonable time in which to take the addenda/ corrigenda into account in preparing their tenders, extension of the deadline for submission of tenders may be given as considered necessary by GRSE.

ARTICLE 22 अनुच्छेद-22: BID REJECTION CRITERIA बिड अस्वीकृति के मापदंड –

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

1. Bidder's 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. Bidders not submitting Original instrument of EMD within 3 GRSE working days from the tender closing date.
8. EMD validity period is shorter than specified in the tender enquiry.
9. Bidders who have not agreed for the fixed price till the validity of the tender or have quoted the variable price.



10. Bidder not agreeing for furnishing of the required Security Deposit (SD).
11. Bidder submitted false/incorrect documents etc.
12. Bidders who have submitted **PRICE** along with Techno-Commercial Bid.

ARTICLE 23 अनुच्छेद-23: 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 manner elaborated at GRSE STAC.

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

Work done certificate will be issued by Paint Shop Officer / nominated representative of Paint Shop dept. based on the Inspection 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.

C. Bill Submission बिल प्रस्तुति:

Bills are to be submitted considering the Checklist for Bill Submission (please refer www.grse.in) along with supporting document (Work Done certificate etc.) at the Bill Receiving Counters located at the respective unit of Company. Bill is to be submitted (in 03 copies) in sealed envelope super-scribing on the envelope the Purchase Order No., Vendor code, Bill / Invoice No., Name of person /employee to whom bill is addressed, for processing. The Name of the person to be mentioned on sealed envelope will be the Bill certifying officer.

Note: -Transaction fee of Rs 500.00 for first return & Rs 1000.00 for subsequent return of bill with inappropriate documents will be charged.

D. Payment Terms भुगतान की शर्तें:

a. The 90% bill amount with full GST 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 satisfactory Work Done Certificate duly certified by WDC certifying Authority. Amounts recoverable from contractor, if any, is to be adjusted from the bill as per certification of Bill Certifying Authority. Moreover, release of payment is subject to clearance of ESI / P.F. and other labour related mandatory liabilities of the Contractor. In case the employees engaged by the Contractor are out of the purview of ESI, then they should be covered under Employee Compensation Policy (covering benefits under Employees Compensation Act, 1923)

b. Balance 10% of the bill amount will be released after expiry of guarantee period on certification by Bill Certifying Authority or on submission of Performance Bank Guarantee of 10% of the value of Purchase Order valid for a period of 60 days beyond the expiry of Guarantee period.

c. For release of this 10% retention money either after guarantee period or on submission of PBG, the PBG release application to be submitted to Contract Cell duly certified by PL of respective Ship/respective Unit Head after expiry of guarantee period.

d. **Bill Certifying Authority:** AGM / GM of respective Units / PL or his nominated representative for all projects.



E. Liquidated Damages निर्णीत 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 or any other Contract with GRSE Ltd.

F. 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.

G. 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.

H. 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.

J. Mandatory use of ISI marked PPE by Contractor Employees: - 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
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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.

H. 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 24 अनुच्छेद 24: SUBMISSION OF BID बिड की पेशी –

1. 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.
2. Date of opening of Part II offer i.e. Price Bid will be notified to all Techno-Commercially qualified bidders in due course after conclusion of TNC/CNC meetings and acceptance of Techno-Commercial offer. After opening of e-Price bids, the techno-commercially qualified bidders can view the System Generated Price Comparison Sheet from their own portal.
3. GRSE reserves the right to accept / reject any Tender in full or in part without assigning any reason.
4. Acceptance Format Matrix should be filled up and attached with techno-commercial bid as marks of acceptance of NIT/SOTR/STAC. In case of non-receipt of filled in STACs acceptance format matrix, it would be presumed that you have accepted all our terms & conditions as per GRSE tender until & unless deviation is specially mentioned in offer.

ARTICLE 25 अनुच्छेद 25: CONTRACT WORKMAN WAGE PAYMENT (for working inside GRSE): -

- a. Contractor is liable for payment of PF, ESI to their engaged workmen and for other labour oriented mandatory liabilities as applicable for the job.
- b. The Contractor has to comply with the minimum wages & statutory liabilities (as revised time to time) of the engaged manpower applicable for the job.
- c. Payment of wages to the contractor's employee should be made through individual bank account on monthly basis instead of cash payment. PF-UAN activation of all the contractor's employee/workmen is mandatory. Vendors are to comply all statutory provisions for disbursing payment to their workmen/employees.



ARTICLE 26 अनुच्छेद 26: STATUTORY RESPONSIBILITY OF CONTRACTOR DEPLOYING THEIR WORKMEN INSIDE GRSE PREMISES – AS PER ANNEXURE-6.

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

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		REF NO: PS/SOTR/57
PREPARED BY: Mgr. (Paint Shop-MW)		VETTED BY: AGM (H&HOF-MW)

1. INTENT

GRSE intends to establish biennial rate contract for Hydro Blasting / Vacuum Blasting and priming followed by painting upto system coat painting as per approved GRSE paint scheme for all **exposed decks including all appendages** of ASW SWC, NGOPV, ORV, MPV and other Yards under construction and upcoming Yards in all GRSE units during this RC period.

2. CONSOLIDATED RATE CONTRACT PERIOD – 02 years.

3. INSPECTION – OEM/WOT/QA/Paint Shop as per approved QAP of respective yard.

4. SCOPE OF WORK

Hydro Blasting / Vacuum Blasting and Priming followed by painting upto system coat painting as per approved GRSE paint scheme for exposed decks (Weather decks, Helo / Hanger Decks, Flight decks including all appendages).

(The quantity in Sl. No. 5 is indicative in nature (only for ASW SWC), on not exceeding basis, the final quantity will be based on actuals on +/- 20 % basis per Yard)

The intention of this scope of work is that all labor, material, equipment, and other items necessary for the proper execution and completion of the Hydro Blasting / Vacuum Blasting-priming and system coat painting job are included in the scope of contractor, except for any items expressly identified as GRSE supply.

- 4.1. All work and services required for the administration of the Hydro Blasting / Vacuum Blasting followed by painting shall be in the scope of the contractor.
- 4.2. This job will be carried out as per paint scheme document of individual yards in any of the GRSE units (Main, FOJ, RBD, KPDD) during this rate contract period.
- 4.3. If there is any oil, grease etc. then the surface is to be cleaned as per SSPC – SP12 standard prior to Hydro Blasting / Vacuum Blasting and system coat painting.
- 4.4. After completion of the dry survey by QA/WOT and site clearance from PL/PCO, Hydro Blasting / Vacuum Blasting – priming and system coat painting will start in the area. Vendor needs to obtain the dry survey certificate, major seat erection certificates and tank testing completion reports from PL/PCO before starting the job. Vendor shall commence work post clearance from GRSE.
- 4.5. If there is no site clearance for system coat painting after Hydro Blasting / Vacuum Blasting and priming, in that case, the system coat painting to be done after getting site clearance from

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PL/Paint Shop only and necessary cleaning before system coat painting will be in the scope of the vendor. Such cases may be limited to maximum 10% of the total quantum of job per yard.

- 4.6. The rectification of minor burr/chipping/grinding, upto a maximum of **2.0%** of the Hydro Blasting / Vacuum Blasting surface area, for any surface defects observed prior commencement of the activity is within the scope of the vendor as part of surface preparation and is to be carried by vendor. Such defect rectification will not be part of hindrance prior commencement of Hydro Blasting / Vacuum Blasting and painting activity in any area.
- 4.7. If the rectification of minor burr/chipping/grinding as mentioned above amounts to more than **2.0%**, then the vendor has to bring the same to the notice of the PL/PCO/hull/berth officer of the respective yard as well as GRSE(QA)/WOT. Such surface defect rectification will be part of hindrance. In that case, prior carrying out this surface preparation rectification, concurrence has to be obtained by the PL/PCO/hull/berth officer of the respective yard as well as GRSE(QA)/WOT. Post completion of the minor dry survey rectifications, again an inspection has to be carried out by the vendor with offer to GRSE(QA)/WOT in the witness of PL/PCO/Hull/Berth officer and the same has to be recorded in the log book and hindrance register. All necessary materials/equipment for this job will be in vendor's scope.
- 4.8. Dust, water and dirt removal is to be undertaken as a standard practice by sub-contractor.
- 4.9. Necessary protective casing /covers are to be provided in way of adjacent equipment / fittings / ducts to avoid damage during Hydro Blasting / Vacuum Blasting-priming and system coat painting. The necessary covers/tarpaulin needed to cover equipment will be arranged by Vendor.
- 4.10. Sub-contractor shall deploy minimum of **03 Hydro Blasting machines as well as 03 Vacuum Blasting machines along with all requisite accessories per GRSE unit as per production requirement.**
- 4.11. If it is deemed necessary as per production requirement of GRSE that the number of machines need to be increased to meet production requirements / delivery milestones, then the vendor has to increase the number of deployed machines. Vendor needs to increase the number of deployed machines as per GRSE production requirement without any extra cost implication to GRSE.
- 4.12. Sub-contractor shall plan & deploy resource to achieve the following **minimum** area through-put per day per machine deployed.
 - 4.12.1. Hydro Blasting & priming: 100 sq.m.
 - 4.12.2. Vacuum Blasting & priming: 30 sq.m.

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Note: (consistent default will amount to breach of contract and shipyard reserves right to make good short fall through alternate means and deduct equivalent amount. If the minimum throughput is not achieved, then LD of the remaining area will be recoverable from the sub-contractor as per terms and conditions of GRSE PO.)

- 4.13. The abrasives used in vacuum blasting must be of good quality (for specification ref. Clause 4.18.4), should be hard and dry, free of foreign matters and non-contaminated. There should be no soft sand and no soft particles.
- 4.14. Certificate of conformity to specification to the kind, quality of materials needs to be produced. A testing laboratory certificate from a laboratory or bureau or agency (acceptable to GRSE QA), signed by responsible officer of that facility certifying that the designated product has been tested within one year of the date of submission of the sample needs to be produced to GRSE (QA) before starting the job. Approval is to be obtained from GRSE QA/OEM (as applicable) representative before usage.
- 4.15. Recycled abrasives obtained from vacuum blasting, must be dry, and should be shown to be free from contamination by dirt, dust, oil, grease and salt contents. Approval is to be obtained from GRSE QA/OEM (as applicable) representative before usage.
- 4.16. **Dust removal:**
- 4.16.1. Dust causes poor adhesion and hence it must be removed.
- 4.16.2. Dust likely to cause damage to the machines and equipment in its surrounding hence covering of machines must be ensured by the contractor to prevent damages by dust during Hydro Blasting / Vacuum Blasting, cleaning and painting.
- 4.16.3. Removal of dust must be undertaken by Industrial vacuum cleaners fitted with brush & clean bristle brush.
- 4.16.4. Blowing with dry, clean compressed air.
- 4.16.5. To established whether dust has been sufficiently removed, transparent adhesive tape must be used in which very small amount of dust should remain.
This is the scope of work for internal quality check of the vendor's supervisor/site in-charge before inspection offer to inspection authorities.

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4.17. **Removal of oil & grease**

4.17.1. Oil and grease must be removed from the surface with Labolene solution.

4.17.2. This is vendor's scope of supply.

4.17.3. Use only solvent cleaning on small areas and never on painted surface.

4.17.4. Prior to solvent cleaning, remove of any heavy deposits of oil, grease etc. with a scraper.

4.17.5. Remove remaining oil, grease etc. by wiping / scrubbing the surface with rags or brushes wetted with solvent.

4.17.6. It is important the final wash be made with clean rags/brushes and solvent so that a film of oil / grease etc., won't be left on the surface when the solvent evaporates.

4.17.7. Rags must be changed regularly so that only clean rags are used.

4.18. **Hydro Blasting (Ultrahigh Pressure Water-Jetting) / Vacuum Blasting:**

4.18.1. **Hydro Blasting**

Ultrahigh pressure water-jetting (UHPWJ) is to be performed at pressures above 30,000 psi (210 MPa). UHPWJ should completely remove all paint from a substrate.

When UHPWJ is specified as the surface preparation method for steel surfaces, the surface cleanliness requirement at the time of application of the coating shall be SSPC-SP 12 / NACE No. 5 / WJ-2L. The definitions are provided below.

4.18.1.1. **WJ-2:** A WJ-2 surface shall be cleaned to a matte (dull, mottled) finish which, when viewed without magnification, is free of all visible oil, grease, dirt, and rust except for randomly dispersed stains of rust, tightly adherent thin coatings, and other tightly adherent foreign matter

The staining or tightly adherent matter is limited to a maximum of 5% of the surface.

4.18.1.2. **L:** A surface which, when viewed without magnification, exhibits small quantities of a yellow-brown rust layer through which the steel substrate may be observed.

The rust or discoloration may be evenly distributed or present in patches, but it is tightly adherent and not easily removed by lightly wiping with a cloth.

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4.18.2. **Vacuum Blasting** - Deck Surface shall be blast cleaned to match SA 2^{1/2} finish of Swedish standard 05-5900 by Vacuum blasting. Chilled iron grit being used should be Gr 24 or Gr 17 of DS Cat No. 5350-000139 and 5350-000140.

4.18.3. All sharp edges to be broken or rounded off. All loose and dense weld spatters are to be removed. All excess material is to be removed from steel substrate by chipping/ grinding. This activity is to be completed prior to abrasive Hydro Blasting / Vacuum Blasting as per clause sl.no. 4.6., 4.7. and 4.8.

4.18.4. Before carrying out Hydro Blasting / Vacuum Blasting of the surface, low pressure water washing may be needed to be carried out, as per guidance and observation of Paint OEM, in order to remove salt contaminants. The same has to be carried out by the vendor within their scope of work.

4.18.5. Low Pressure Water Cleaning:

Low pressure water cleaning (LPWC) is performed at pressures starting from 3000 psi upto 5000 psi (34 MPa).

This method may be used prior to or after other surface preparation cleaning methods to help remove salts and contaminants from the surface, in order to meet surface chloride or conductivity limits for specified areas like external underwater areas, flight & helo decks and above water exterior areas.

4.18.6. Once cleaned after Hydro Blasting / Vacuum Blasting, the surfaces are not to be allowed to oxidized or become contaminated in any way prior to application of the specified paint scheme. Immediately after surface preparation, 1 coat of Primer shall be applied on the surface within half an hour.

4.18.7. Re-work in case of Hydro Blasting / Vacuum Blasting is to be carried out locally if any contamination (i.e., before primer painting) is observed on the blasted surface or the surface finish is not as per requirement. For this re-blast, GRSE will not pay any additional cost to the vendor.

4.18.8. Any faulty work made by the sub – contractor has to be rectified by the sub – contractor without any additional cost and within the time stipulated by GRSE.

4.18.9. As per approved Paint Scheme / NCD, hydro blasting (Ultrahigh Pressure Water-Jetting) needs to be carried out in Aluminum decks and Vacuum Blasting (Using CI grit) needs to be carried out on MS decks. However, depending on the condition of the MS deck and OEM / WOT recommendation, GRSE may take the decision to go ahead with only hydro blasting (Ultrahigh Pressure Water-Jetting) on MS decks as well. Decision for the same will be taken in-situ.

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4.19. **System Coat Painting**

- 4.19.1. All painting shall be applied as per the approved GRSE paint scheme applicable for the specific Yard using the methods/procedures in the Paint Scheme under the supervision of Paint OEM and the instructions of GRSE QA/WOT/GRSE Paint Shop.
- 4.19.2. All paints are to be applied by airless spray painting machines in general, except for stripe coats where brush or roller can be used in consultation with GRSE/Paint OEM as per paint product data sheet.
- 4.19.3. Last coat of HDNS Paint will be applied just before Delivery / handing over / D448 / Commissioning. Cleaning by low pressure water jetting and degreasing as necessary / as per advice of inspection authority to be undertaken prior application of paint.
- 4.19.4. For maintenance of painted decks Post Completion of Painting as recommended by Paint OEM, in order to take care of the tendency of the top coat finish/ gloss to marginally fade in appearance, GRSE will plan the final top coat painting of the weather decks sufficiently close to delivery / commissioning.
- 4.19.5. Vendor will be required to maintain general cleanliness / gloss of top coat surface by occasional low water hosing (50-60 psi) in consultation with GRSEQA / WOT / Paint OEM and also touch up in event of any damage.
- 4.19.6. Proper mixing of 02-pack paint scheme using electrical stirrer is essential and shall be ensured by deploying experienced painters. Efficient mechanical stirrers for correct mixing of the paint must be used.
- 4.19.7. Special care is to be taken to ensure that the granules/ sands in the paint for imparting non-skid property is properly and evenly spread out, this is essential to attain the non-skid property of weather decks.
- 4.19.8. Vendor to carryout application of 800 microns coat antiskid paint as per OEM instruction using a Gravity Feed Gun, if the same is specified in Paint Scheme of particular Yard.
- 4.19.9. All spray equipment must be in good working condition and be capable of performing to the final DFT requirements defined in the OEM provided paint product technical data sheets (PDS / MSDS of specific paint) in tandem with GRSE approved Paint Scheme.
- 4.19.10. Airless spray pump ratios of minimum 40:1 and greater should be used depending on the paint's volume solids and DFT required.

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- 4.19.11. Tips should be the size stipulated on the product technical data sheet, or as agreed with GRSE/Paint OEM representative on site.
- 4.19.12. Tips must not be in a worn condition. It is very important to have a proper, uniform distance of the spray gun to the surface, 30 -50 cm should be aimed at.
- 4.19.13. A continuous, pinhole – free paint film must be obtained at application of each spray applied coat. Application technique which ensures good film formation on all surfaces must be adopted.
- 4.19.14. The finished coating must be applied homogeneously and as close to the specifications as possible. Care must be taken to avoid exaggerated film thickness.
- 4.19.15. Utmost care must be taken to cover edges, opening, rear sides of stiffeners etc., with spray painting method even though these areas must also be stripe coated.
- 4.19.16. Wet film thickness shall be regularly checked and recorded during paint application by the paint applicator.
- 4.19.17. The vendors need to ensure clean ship of the surrounding and vicinity of the area where Hydro Blasting / Vacuum Blasting-priming and system coat painting is carried out.
- 4.19.18. Containment / wrap -up to control dust and debris, and protect sensitive items/equipment/pipes in the vicinity before painting.
- 4.19.19. Roughening must be carried out when the maximum recoating interval is exceeded as per supervision and advice by GRSE/OEM. No additional cost will be provided for this re-work to the vendor by GRSE.
- 4.19.20. DFT is to be achieved with specified number of coats as per the approved paint scheme/paint specifications, however if extra coats are required to be given to achieve the specified DFT no extra payment will be made for such extra coats.
- 4.19.21. Any application defect arising i.e., pinholes, bubbles, gun spitting, voids, visible abrasives residues, shall be marked up and appropriate repair effected at contactors expense.
- 4.19.22. Some of the items are to be blasted and painted outside the ship as well as in the various GRSE shops/area prior to taking the item on board the ship.

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4.19.23. The vendor will be required to provide thick plastic cover for the helo deck, and helo hangar deck with suitable securing arrangement to preserve the painted surface for friction test.

4.20. **Manual method**

4.20.1. A brush/roller can be used for inaccessible areas that are difficult to cover with spray painting.

4.20.2. A good quality brush must be used for stripe coating on welding seams, on all edges before application of full coats with airless spray.

4.20.3. Rollers should only be used for applying a cosmetic coat on an already well protected surface.

4.20.4. If rollers must be used for application of primer or intermediate coats apply evenly without 'stretching' the paint.

4.20.5. Special attention must be paid to areas difficult to reach and coat. These include all edges, welding seams, corrugated areas, behind bulb angles, behind hand rails, mouse holes, underside of coamings, etc.

4.20.6. Stripe coats are to be applied by brush or roller depending upon items and or area concerned.

4.20.7. The stripe coat must be applied as a coherent film showing good film formation and no visible defects such as pores or un-wetted areas.

4.20.8. The coating should be applied as a regular film without excessive brush/roller marks in order to avoid cratering by entrapped air.

4.20.9. Typical areas where stripe coats must be applied include:

4.20.9.1. Behind bars

4.20.9.2. Plater edges

4.20.9.3. Cut outs i.e., scallops, manholes etc.

4.20.9.4. Welds

4.20.9.5. Areas of difficult access

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4.20.9.6. Ladders and hand rails

4.20.9.7. Small fitments of difficult configuration

4.21. **Feathering (Tapering)**

4.21.1. Overlap zones of paint must be feathered (tapered) with great area. This will depend upon OEM remarks.

4.21.2. Consecutive layers of paint coatings must be given larger and larger overlaps. This will depend upon OEM remarks.

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5. TOTAL QUANTUM OF JOB

Following is the tentative area, if there is any modification in paint scheme / CDO area or if there are any new projects in GRSE during this rate contract period, the quantum of job may change. The vendor needs to abide by the modified area in that case.

Line Item Denotation:

A1: Hydro Blasting and Priming / First coat painting as applicable

A2: Vacuum Blasting and Priming / First coat painting as applicable

B: Subsequent System Coat Painting @ per coat system coat paint

5.1. ASWC SWC PROJECT:

Detailed breakup as per following:

5.1.1. YARD 3033

5.1.1.1. **A1) 2,500 sq.m.**

5.1.1.2. **A2) 2,500 sq.m.**

5.1.1.3. **B) 12,500 sq.m.**

5.1.2. YARD 3034

5.1.2.1. **A1) 2,500 sq.m.**

5.1.2.2. **A2) 2,500 sq.m.**

5.1.2.3. **B) 12,500 sq.m.**

5.1.3. YARD 3035

5.1.3.1. **A1) 2,500 sq.m.**

5.1.3.2. **A2) 2,500 sq.m.**

5.1.3.3. **B) 12,500 sq.m.**

5.1.4. YARD 3036

5.1.4.1. **A1) 2,500 sq.m.**

5.1.4.2. **A2) 2,500 sq.m.**

5.1.4.3. **B) 12,500 sq.m.**

5.2. TOTAL QUANTITY OF AREA:

5.2.1. **A1: Hydro Blasting and Priming / First coat painting as applicable= 10,000 SQ.M.**

5.2.2. **A2: Vacuum Blasting and Priming / First coat painting as applicable= 10,000 SQ.M.**

5.2.3. **B: Subsequent System Coat Painting @ per coat system coat paint (Considering maximum of 05 coats painting to be done) = 50,000 SQ.M.**

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6. METHOD OF QUOTATION

S.No.	Item	Method of Quotation
1	Hydro Blasting and Priming / First coat painting as applicable	Per sq.m. (A1)
2	Vacuum Blasting and Priming / First coat painting as applicable	Per sq.m. (A2)
3	System Coat Painting of exposed decks @ per coat system coat paint.	Per sq.m. (B)

- 6.1. The full work commencing from Hydro Blasting / Vacuum Blasting – priming to final system coat painting for a particular area is to be executed by the deployed sub-contractor.
- 6.2. Hydro Blasting / Vacuum Blasting-Priming followed by subsequent system coat painting is by definition is a whole system activity. Entire activity to be completed in a time bound manner as per the product data sheet of the particular paint and the schedule given by Paint Shop/PL.
- 6.3. Further to clause 4.19.11, the activity of either vacuum blasting or hydro blasting followed by system coat painting will be certified for WDC and payment depending on the decision taken in-situ.

7. METHOD OF MEASUREMENT

The approved paint scheme of respective yard will be the master document for the applicable Paint and the number of coats in any specific area.

Further to Sl. No. 6, the method of measurement for Hydro Blasting / Vacuum Blasting followed by primer/ number of coats of paint (as per approved Paint Scheme of respective yard) will be tentatively as follows:

S.No.	Activity in specific area	Method of Measurement
7.1	Hydro Blasting / Vacuum Blasting followed by Primer	A1 / A2
7.2	Hydro Blasting / Vacuum Blasting and priming followed by One coat of paint	A1 / A2 + B
7.3	Hydro Blasting / Vacuum Blasting and priming followed by Two coats of paint	A1 / A2 + 2B
7.4	Hydro Blasting / Vacuum Blasting and priming followed by Three coats of paint	A1 / A2 + 3B
7.5	Hydro Blasting / Vacuum Blasting and priming followed by Four coats of paint	A1 / A2 + 4B

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8. TECHNICAL ELIGIBILITY

8.1. EXPERIENCE:

Vendor should have experience of having successfully completed similar works in any shipyard. "Similar work" is hereby defined as either Hydro Blasting / Vacuum Blasting & priming or Hydro Blasting / Vacuum Blasting-priming and system coat painting in any sea going vessel in any shipyard. Experience in both Hydro Blasting as well as Vacuum Blasting is desirable.

8.1.1. Vendor should have experience of having successfully completed similar work of equivalent order quantity value (as per 8.1.1.1 or 8.1.1.2 or 8.1.1.3 below) as per total quantum of job in last 07 years ending last day of the month previous to the one in which TNC is conducted. PO with supporting WDC to be presented by the bidder during TNC meeting.

8.1.1.1. *Three similar completed works with cumulative order quantity not less than or equal to 40% of the estimated work as per total quantum of job mentioned in Sl. No. 5.2.1. / 5.2.2. (i.e. 10000 sq.m.)*

OR

8.1.1.2. *Two similar completed works with cumulative order quantity not less than or equal to 50% of the estimated work as per total quantum of job mentioned in Sl. No. 5.2.1. / 5.2.2. (i.e. 10000 sq.m.)*

OR

8.1.1.3. *One similar completed works with cumulative order quantity not less than or equal to 80% of the estimated work as per total quantum of job mentioned in Sl. No. 5.2.1. / 5.2.2. (i.e. 10000 sq.m.)*

8.2. EQUIPMENT:

During TNC meeting, the bidder will produce the relevant document in support of their own:

- 8.2.1. Hydro Blasting / Ultrahigh pressure water-jetting (UHPWJ) Machines with all associated accessories (03 nos.)
- 8.2.2. Vacuum Blasting Machines with all associated accessories (03 nos.)
- 8.2.3. High Pressure hose and nozzles (03 sets)
- 8.2.4. Gravity Feed Gun (03 nos.)
- 8.2.5. Airless Spray Painting Machines (03 nos.)
- 8.2.6. Paint mixer/stirrers (mechanical – 03 nos.)
- 8.2.7. Measuring jars

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8.3. Sub-contractors who earlier failed to execute similar order in GRSE or have any objection/complaints against them shall not be considered for this technical bid.

8.4. If any vendor has consistently 03 or more times poor performance rating in GRSE vendor rating system in the last 03 years (ending last day of the month previous to the one in which TNC is conducted), then the vendor shall not be considered for this technical bid.

9. VENDOR SCOPE OF SUPPLY

9.1. MAN POWER:

Hydro Blasting / Vacuum Blasting and painting is very specialized job and blaster and painters need to have certain skill sets and understanding, about these high-end quality, advanced and expensive marine coatings.

9.1.1. Vendors have to deploy sufficient manpower to complete Hydro Blasting / Vacuum Blasting-priming & system coat painting (as per approved paint Scheme of specific yard) within the time period which will be informed to subcontractor by PL/ Paint Shop Officer. Painting is to be done by experienced painter only (as per clause SI.No.9.1.3)

9.1.2. Following minimum manpower (but not limited to) should be deployed during peak work load condition per GRSE unit:

- 9.1.2.1. Blasters (03 nos.)
- 9.1.2.2. Hydro Blaster (03 nos.)
- 9.1.2.3. Spray painters (03 nos.)
- 9.1.2.4. Gravity Feed Gun Operator (03 nos.)
- 9.1.2.5. Project Manager/Site in-charge (Qualification: Diploma holder)
– 01 per GRSE unit
- 9.1.2.6. Supervisor (certified/qualified) – 02 per GRSE unit
- 9.1.2.7. Painters and Helpers (15 nos.)
- 9.1.2.8. The vendor should also be capable to deploy additional manpower when there is exigency of work as communicated by GRSE Paint Shop.

9.1.3. Blaster & Spray painter should have at least 03 years' experience in similar work. The bidder should submit relevant experience documents (ESI/PF/Gate Pass/Gate Entry challan etc.) in support of the experience of the blaster and spray painter.

9.1.4. The blaster and spray painter needs to be qualified in sample test after the bidder receives the PO. If blaster and spray painter do not qualify in sample test, then they will not be allowed to start the job. For this, the vendor will provide alternate blaster and

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painter who will qualify, otherwise the contract can be cancelled. This test will be conducted as per GRSE Paint Shop, QA & OEM.

9.1.5. Thus, the contractor must have qualified, competent and designated employees including project manager/site in-charge, job supervisor (as per above clause)

9.1.6. A list of such employees and their qualifications will have to be furnished during TNC, which shall be considered while evaluating the technical competency of the firm.

9.1.7. The contractor shall maintain a competent and qualified supervisory staff at the site for the supervision, coordination, scheduling and administration of the work.

9.1.8. Failure of contractor's manager/supervisor to execute instructions of GRSE Paint Shop/PL shall constitute a basis for dismissal of supervisor from the project. Upon request by GRSE, dismissal will take effect within 72 hours and a new supervisor will be substituted by the contractor.

9.1.9. Contractor must promptly work additional time over regular hours, including Saturdays, Sundays, and holidays supply additional workman revise its operational procedures or take such other steps as may be required to bring work on and as per schedule, without additional cost or expense to GRSE.

9.1.10. The sub-contractor needs to deploy minimum one qualified and certified safety personal per GRSE unit, bearing diploma/certification course in industrial safety, recognized by state govt. board or AICTE. The vendor's safety personnel have to ensure safety at site and usage of proper PPEs by all workmen and keep records at their end, which should be provided to GRSE Paint Shop as and when required and make liaison with GRSE Safety department on time to time basis.

9.1.11. The sub-contractor has to submit health check-up report of all workmen quarterly, duly certified by qualified MBBS doctor and countersigned by GRSE medical department, to ensure that the workmen (esp. painters and blasters) are fit to work in confined spaces and free from any ailments which is detrimental to working with painting activity.

9.2. **EQUIPMENT & MATERIALS:**

9.2.1. All tools and tackles, machines and equipment's, gadgets and instruments, etc., incidental to, in the execution of above work to meet GRSE's Hydro Blasting / Vacuum Blasting-priming and system coat painting schedules / delivery milestones, shall be provided by the contractor. Minimum requirements are listed below but the list may not be limited.

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- 9.2.1.1. Hydro Blasting / Ultrahigh pressure water-jetting (UHPWJ) Machines with all associated accessories.
- 9.2.1.2. Vacuum Blasting Machines with all associated accessories (03 nos.)
- 9.2.1.3. Airless Spray Painting Machines (03 nos.) with spray guns
- 9.2.1.4. High Pressure hose and nozzles (03 sets)
- 9.2.1.5. Paint mixer/stirrers (mechanical) (at least 02)
- 9.2.1.6. Vacuum cleaners (at least 02)
- 9.2.1.7. Measuring jars (at least 02 for each type of paint)

9.2.2. Ventilation blowers (vendor's scope of supply): Ref. Sl. No. 9.1.10, the vendor's safety personnel have to assess the ventilation requirement and ensure/deploy adequate blowers for both air supply into confined spaces as well as venting out dangerous and flammable fumes arising out of painting into the open atmosphere (preferably out of the ship). The vendor's safety personnel also need to ensure that as per the sites deployed or in case of additional requirement/exigency, sufficient number of additional blowers need to be arranged by the vendor. The same has to be in liaison with GRSE Safety department before starting of painting work. If there are more than 3 instances where the vendor has failed in providing adequate ventilation, then that will attract a penalty of **1% (one)** of PO value. If PL of the specific yard provides ventilation blowers, then the cost of the same will be recovered from the bill of the vendor, amounting to equivalent standard GRSE rates. Dehumidifiers, if needed on case basis should be provided by the vendor as an addition to already provided ventilation blowers for climate control in any confined space.

9.2.3. The sub-contractor shall provide suitable PPEs, safety gears as per IS/EN standard or equivalent to all workmen and appropriate PPEs (including respirator/breathing apparatus with supplied breathable air system from outside of the ship or self-contained B.A. set) for Blasters and Spray painters and also provide boiler suits/Uniforms of unique color to their personnel so that they can be identified. Ref. Sl. No. 9.1.10, the vendor's safety person must maintain records with regards to usage of proper PPEs by all workmen and make liaison with GRSE Paint Shop and Safety department from time to time.

9.2.4. Machine for grinding and rounding of edges.

9.2.5. Hand power tools for surface preparation.

9.2.6. Spray painting machines and spray guns along with associated accessories.

9.2.7. Consumables like cotton waste, rags, brushes, rollers, gloves, masks, emery paper, grinding wheels, masks etc.

9.2.8. Thinner / solvent required for washing airless machine, brush, hand etc.

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9.2.9. Tarpaulins and other coverings to cover ducts, fitting and items which may be affected by carrying out Hydro Blasting / Vacuum Blasting or painting.

9.2.10. Hand lamps, electric board with extended wire.

9.2.10.1. Log book and hindrance registers to be maintained regularly

9.2.10.2. At least one WFT measuring device and one DFT measuring device for both ferrous and nonferrous metal.

9.2.10.3. Sub – contractor will arrange to display board written by “NO HOT WORK PAINTING IS GOING ON” at working area and in adjacent area of working place.

9.2.11. Sub-contractor will provide the following tip,

9.2.12. Gun Tip Size:

9.2.12.1. For Anticorrosive paint = 0.070 inch – 0.079 inch.

9.2.12.2. For Primer paint = 0.060 inch – 0.079 inch.

9.2.12.3. Any additional gun tips as per requirements of specific paint product data sheet and OEM needs to be arranged by the vendor.

9.2.12.4. High compression type guns, suitable for painting high density/viscosity paints.

9.2.13. Staging / scaffolding required for painting, to be erected by sub – contractor. If scaffolding / cherry picker is not available at site, in that case GRSE will provide scaffolding pipes and planks but the arrangement of clamps is in scope of the vendor.

9.2.14. Paint brushes of various sizes and paint pots.

9.2.15. Flameproof lamps of 110 V (shatter/blast proof).

9.2.16. Abrasives for vacuum blasting as per standards and satisfaction of inspection authorities.

9.2.17. Hoppers/containers, storing fresh and spent/waste abrasives.

9.2.18. Storage tanks for storing fresh water to be used for hydro blasting.

9.2.19. Any other material, tool, machine and equipment, gadget, etc., incidental to, and not mentioned herein, shall be in the scope of the contractor.

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9.3. **SERVICES:**

The contractor shall provide incidental services, free of cost, associated in executing the above work for GRSE namely but not limited to:

- 9.3.1. Removal of spent/excess and reusable abrasives within 5 days from the date of work done.
- 9.3.2. Transportation of paint drums from paint store to point of use.
- 9.3.3. Removal of empty paint drums and cartons from work site to disposal area on daily basis.
- 9.3.4. Empty paint tins of component B of size 06 Ltr. and below are to be returned to paint shop without damaging them and the quantity of such tins shall be mentioned and tallied in the material Reconciliation Report. Such tins are intended for reuse by GRSE. Loss of tins shall attract penalty equivalent to the cost of procurement of fresh empty tins by GRSE on the contractor.
- 9.3.5. Neither GRSE nor the naval agencies nor the OEM nor any other inspection agencies shall be responsible to supervise or direct the work or the activities of contractor's employees.
- 9.3.6. The contractor shall assist GRSE personnel and inspection/OEM authorities, if any, when they perform inspections. The contractor shall furnish a detailed report to GRSE of observed discrepancies and omissions in the work.
- 9.3.7. Maintain log book and hindrance register.
- 9.3.8. Non-reusable abrasives that is scattered in and around the vicinity of the blasting area (Dock floor as well as ship) needs to be cleaned on a daily basis by the vendor. Since the cleaning of such area is on vendor's scope, if GRSE personnel is deployed for cleaning, then equivalent amount will be deducted from the vendor's bill.

9.4. **DOCUMENTATION**

- 9.4.1. For Hydro Blasting / Vacuum Blasting-priming and system coat painting, all details (inspection observation of authorities, date of paint application, DFT, WFT etc.) shall be maintained in a daily log register and endorsed by concerned GRSE executive within one day of work execution.

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9.4.2. Hydro Blasting / Vacuum Blasting record shall contain the machine details with which the area was blasted and will include compressor air pressure, nozzle air pressure, nozzle size, abrasive type, abrasive size, quantity of abrasives used (fresh & recycled) etc.

9.4.3. Records of Hydro Blasting / Vacuum Blasting surface profile, film thickness measurements (WFT and DFT) and climatic condition testing (surface temperature, relative humidity and dew points) must be monitored to ensure timely corrective actions.

9.4.4. Rework on account of defective surface preparation and faulty application will attract a penalty on the contractor by redoing the job, no cost shall be paid for this additional rework and moreover the cost of paint so consumed shall be recovered from the contractor at actuals.

9.4.5. In case of excess DFT applied, the cost of excess paint consumed shall be recovered from the contractor.

9.4.6. The contractor will have to offer the completed work to the inspection authority for inspection & certification as advised by GRSE. The copies of inspection offer and documentations after inspections need to be recorded and retained in Log Book and Vendor file.

9.4.7. The contractor has to follow the schedule given strictly in order to maintain the overall progress of the ship. LD shall be applicable in case of delays no-attributable to any convincing reasons.

9.4.8. Hindrance register is to be maintained sighting proper and adequate reasons for productivity loss. The hindrance register shall be maintained by the subcontractor in consultation with GRSE. The contractor is required to mention any hindrances occurred during Hydro Blasting / Vacuum Blasting-priming and system coat painting and the same is to be recorded in the hindrance register and countersigned mutually on weekly basis.

10. GRSE SCOPE OF SUPPLY

10.1. Approved paint scheme of the concerned area and concerned yard.

10.2. Paint and thinner will be provided as per CDO data and PDS of the paint. Cost of the excess consumption of paint shall be recovered as penalty from the sub-contractor.

10.3. Open space for office and store usage as per availability by Works Manager of MW.

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10.4. Crane facility for lifting and shifting of heavy material / equipment.

10.5. Air ventilation system: Further to clause Sl. No. 9.2.2, after assessment by vendor's safety personnel and GRSE Safety department, under any exceptional situations (if arises), if the provision of blowers arranged by the vendor is not sufficient, then the sub-contractor can use the existing blower/AC/ dehumidifier of the respective yard. In such cases, intimation should be made to the PL of that specific yard and it is on the discretion of PL of that yard to provide ventilation blowers, additional to the ones that the vendor already must have deployed in line with clause Sl. No. 9.2.2.

10.6. Electric power supply.

11. MOBILIZATION PERIOD

11.1. Mobilization of all tools, tackles, equipment and manpower for carryout Hydro Blasting / Vacuum Blasting and painting activities including Completing HR & Security formalities/compliance to be done within 07 days from the date of receipt of LOA /PO.

11.2. Failure to mobilize within this period will attract a penalty of 0.5% of PO Value per additional day of delay in mobilization.

12. DELIVERY SCHEDULE

12.1. The vendor needs to adhere to the schedule/key timelines/EDSs & EDCs provided to them by the PL/Paint shop officer.

12.2. If the vendor is unable to achieve the schedule/delaying the job unnecessarily/flouting with the schedule given/not meeting the quality standard requirements of Paint Scheme and the paint product OEM and PDS, then PL/Paint shop officer reserves the right to take any of the following actions:

12.2.1. Order can split to other vendor.

12.2.2. Order may be cancelled.

12.3. If the progress of the work is found slow, the sub-contractors shall be advised to match the requirement desirable to meet the delivery of the yard/production schedule promulgated by PL/Paint Shop and in the event the vendor fails to come up to the expectations of PL/Paint Shop, the Paint Shop office/PL will have the authority to withdraw the work from the sub-contractor either partially or fully from the work order and the same work shall be undertaken by GRSE or offloaded to any other Sub-contractor.

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12.4. Workmanship will be guaranteed for satisfactory performance of a period of 12 months from the date of final inspection clearance. Any faulty work carried out by the sub-contractor is to be rectified by them within the time stipulated by the GRSE. Re-Work, if any may have to be undertaken at Kolkata / Visakhapatnam as per ship's availability.

12.5. DEFECT RECTIFICATION:

During the contract validity period, if any defect is noticed which is due to poor workmanship of the sub-contractor, the same shall be brought to the notice of contractor. The sub-contractor will have to rectify the defect within 3 days at no additional cost to GRSE.

13. QUALITY INSPECTION

13.1. Inspection authority: Paint manufacturer(OEM)/WOT/GRSE(QA)/Paint Shop as applicable.

13.2. Friction Test will be done by HITU Inspection Team on Helo Deck and Helo Hangar Deck.

13.3. Tips of spray gun to be checked by OEM before painting.

13.4. Measurement jar to be checked by OEM.

13.5. WFT / DFT measure will be done by vendor himself checked by his own machine before offering.

13.6. Inspection authority will also check WFT/DFT after inspection offer by vendor.

14. WORK DONE (WDC)

14.1. Work done will be certified as per actual area as provided by CDO for each case. Work done will be certified by Paint Shop Officer.

14.2. Ref. Sl. No. 6.1., 6.2. and 6.3., Work done will be certified after successful completion of the final system coat of the whole Hydro Blasting / Vacuum Blasting-priming and system coat painting activity in any given area.

14.3. Signed Inspection reports (from the inspection authority) to be attached alongwith WDC for certification.

15. PAYMENT TERMS

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15.1. The bill will be certified by Bill Certifying Authority AGM / GM of respective units / PL or his nominated representatives for all projects. Bill to be submitted alongwith satisfactory Work Done Certificate.

15.2. Hindrance register is to be maintained sighting proper and adequate reasons for productivity loss. The hindrance register shall be maintained by the subcontractor in consultation with GRSE. The contractor is required to mention any hindrances occurred during Hydro Blasting / Vacuum Blasting-priming and system coat painting and the same is to be recorded in the hindrance register and countersigned mutually on weekly basis.

16. Safety Arrangements:

16.1. Proper safety measures are to be taken by all the personnel engaged in painting work i.e. like PPEs, Breathing Mask, Safety Shoes etc.

16.2. The same are to be ensured by the vendor's deployed safety personnel as mentioned in clause Sl. No. 9.1.10, 9.2.1.2, 9.2.1.3.

16.3. All the vendors need to follow the GRSE safety guidelines "Appendix E", Revision 2.0 date: 20 June 2018

16.4. Proper safety measures are to be taken by all the personnel engaged in painting work.

16.5. Personal protective equipment is to be used by all personnel while working.

16.6. Vendor supervisor needs to fill daily safety log, daily safety permits before starting activity in advance.

16.7. Entering proper displaying of 'NO HOT WORK' board at provident place where painting activity is carried out.

16.8. Ensuring proper ventilation as per Sl. No. 9.2.1.2

16.9. All safety precaution to be taken against transmission of COVID-19 corona virus at work place.

**FORMAT FOR TECHNICAL ELIGIBILITY****1. Name of the Bidder:****2. Job Description:****3. Tender Reference:****(A) Details of Executed relevant jobs:**

Sl. No.	Description of Executed relevant jobs	Order No., Date & Value (in INR) (Supporting soft or, hard copy to be submitted)	Start & Completion date as per Order	Actual start date	Actual Completion Date	Order placed by	Scope of work for executed contract (To quantify)	Details of Resources/ Machinery Deployed	Work completion certificate Ref. No. & date (Supporting soft or, hard copy to be submitted)

(Signature of Authorized Representative with official seal)**Date:****Name:****Designation:****Note: Please add additional pages if required.**



ANNEXURE-4

FORMAT FOR FINANCIAL ELIGIBILITY
(To be submitted in Company's Letterhead)

Financial Data for evaluating Financial Eligibility

SL. No.	Financial Years	Turn Over (Rs. In Lakh)
1	2023-24	
2	2022-23	
3	2021-22	

(Signature of Authorized Representative with official seal)

Date:

Name:

Designation:



FORMAT OF SELF-CERTIFICATION FOR DECLARATION REGARDING BLACKLISTING/ TENDER HOLIDAY

(To be submitted in Company's Letterhead)

I / We, Proprietor/ Partner(s)/ Director(s) of M/s. ----- hereby declare that our firm/company namely M/s.-----have neither been blacklisted nor have received any tender holiday by any PSUs/Central & State Govt. Organizations or any other Government / Quasi Government Organizations during last 03 (three) years ending on **28.02.2025** from taking part in Government tenders.

Or

I / We Proprietor/ Partner(s)/ Director(s) of M/s. ----- hereby declare that our firm/company namely M/s.-----has received tender holiday from M/s----- (name of PSUs/Central & State Govt. Organizations or any other Government / Quasi Government Organizations) from taking part in Government tenders for a period of ----- months w.e.f.-----to ----- (date). The period is over on ----- (date) and now our firm/company is entitled to take part in Government tenders. (relevant withdrawal/revocation document is attached).

In case the above information are found inappropriate, I/We are fully aware that the offer submitted by our firm / contract awarded to our firm/company namely M/s -----will be rejected/cancelled by M/s GRSE, and EMD/SD shall be forfeited and appropriate action will be taken in accordance with the vendor policy of GRSE.

Signature -----

Name -----

Designation: -----

Name & address of the firm: -----

Date:

Signature of Bidder with Seal.

**CHECK LIST OF STATUTORY RESPONSIBILITY OF CONTRACTOR
THE CONTRACT LABOUR (R & A), ACT, 1970 AND CENTRAL RULES, 1971**

SL. NO.	NATURE OF STATUTORY REQUIREMENTS	FORM NO.	RESPONSIBILITY	REMARKS
01	Labour License	Form –III	Contractor	Contractors engaging 20 or more contract labours would apply for obtaining labour license (in triplicate) to the ALC (C), Kolkata. A copy of the license should be submitted to concerned Unit HR Department. Note: The Contractor cannot deploy more than the number of workmen mentioned in the license on any day.
02	Renewal of labour license	Form –II	Contractor	The contractor shall apply to the ALC(C), Kolkata for renewal of license at least 30 days prior to its expiry. A copy of the acknowledgement / renewed license should be submitted to concerned Unit HR Department.
03	Notice for commencement / completion of work	Form-VII	Contractor / Principal Employer	The contractor shall submit Form – VII to the Inspector / Labour Enforcement Officer (C), Kolkata within 15 days intimating the actual date of commencement / completion of the work. The receipted copy of Form – VII should be submitted to concerned Unit HR Department.
MAINTENANCE OF REGISTERS				
04	Employee Register	FORM – A	Contractor	Comprising of personal details like name, father's name, DOB, Address etc. of the workmen engaged by the contractor.
05	Wages Payment Register	FORM – B	Contractor	Comprising of current rate of minimum wages, employees PF & ESI contribution and other allowances, if any.
06	Register of Loan / Recoveries / Fines etc.	FORM – C	Contractor	To maintain record of loans, fines and advances given, if any and monthly record of recoveries.
07	Attendance Registers	FORM – D	Contractor	Data of daily attendance of each workmen engaged by the contractor indicating their in and out time.

SL. NO.	NATURE OF STATUTORY REQUIREMENTS	FORM NO.	RESPONSIBILITY	REMARKS
08	Employment Card	Form – XII	Contractor	Every contractor shall issue employment card / appointment letter to their contract workers within 03 days from their date of employment.
09	Service Certificate	Form – VIII	Contractor	To be issued by the contractor upon termination of employment / completion of work etc.
10	Wage-slip	Form – XIX	Contractor	Contractors shall issue wage-slip to their workmen at least 01 day prior to disbursement of wages.
11	Annual Return	Online Submission	Contractor	Every Contractors shall prepare Annual Return for the previous year which is submitted online by the Contractors' in <i>Shram Suvidha</i> Portal to the Registering Officer within 31st Jan of the following year.

**CHECK LIST OF STATUTORY RESPONSIBILITY OF CONTRACTOR
COMPLIANCE OF OTHER STATUES FOR ENGAGEMENT OF CONTRACTORS' WORKMEN**

Sl. No.	Relevant Statues	Responsibility	Compliances to be ensured as per the Statute
01	The Factories Act, 1948 & West Bengal Factories Rules, 1958	Contractor	1. <u>Leave with Wages</u>: Every worker who has worked for a period of 240 days or more is entitled to get leave with wages to be calculated one day for every 20 days of work performed by him. 2. <u>Payment of Overtime</u>: Where a worker has worked for more than 09 hours in any day or for more than 48 hours in a week, he shall, in respect of overtime work, be entitled to wages twice the hourly rate. 3. <u>Hours of Work</u>: The total nos. of hours of work in a week, including overtime, shall not exceed sixty. 4. <u>Hours of Overtime</u>: The total hours of overtime shall not exceed fifty in any quarter i.e. during three consecutive months for any worker.
02	Payment of Wages Act, 1936	Contractor	Contractors (employer) engaging less than 1,000 persons have to pay wages before expiry of the 7th day after the last day of wage period.
03	The Minimum Wages Act, 1948	Contractor	Contractors (employer) shall pay minimum wages to every worker as per the Central rates circulated by the Management from time to time.
04	The EPF & MP Act, 1952	Contractor	1. Every contractor shall obtain the following before commencement of work: (a) PF Code No. of the firm. (b) PF UAN i.r.o of the workmen engaged by him. (c) Ensure submission of nominee and dependent details while applying for UAN of workmen.
		Contractor	2. Every contractor shall contribute towards PF @ 12% of the monthly wages of each workman as employer's share and recover 12% of monthly wages from each employee, as employees share and thereafter remit the entire amount to EPFO i.r.o every workman engaged by him. The contribution for the preceding month should be remitted prior to expiry of the 15th day of the following month. Contractors (Employers) are also required to bear the administrative charges as applicable.

Sl. No.	Relevant Statutes	Responsibility	Compliances to be ensured as per the Statute
05	The ESI Act, 1948	Contractor	1. Every contractor shall obtain the following: a) ESI Code No. of the firm (b) ESI code no. i.r.o of the workmen engaged by him (c) Ensure submission of nominee and dependent details while applying for ESI TIC (E-Pehchan Card).
		Contractor	2. Every contractor shall remit ESI contribution (employers' share @ 3.25% and employees' share @ 0.75%) i.r.o every workman engaged by him for the preceding month prior to expiry of the 15th day of the following month.
06	The Payment of Bonus Act 1965 & Rules	Contractor	1. Contractors shall pay annual bonus to their workmen (Contract Labour) drawing wages below and upto Rs. 21,000/- per month. Bonus will be payable minimum @ 8.33% and maximum @ 20% of annual wages.
		Contractor	2. Register in Form - C format {Rule 4(b)} of 'The Payment of Bonus Act, 1965' is to be maintained by the contractor for submission of Annual Return as per the Act.

**RESPONSIBILITIES OF CONTRACTORS OVER AND
ABOVE THE STATUTORY REQUIREMENTS**

- (i) Contractors shall take all necessary steps for disbursement of wages through bank-transfer and issue a payment notice at least 02 days prior to such bank-transfer for information of respective unit HR Dept. as well his workers. (should be incorporated in the contract document in the Payment Terms).
- (ii) All contractors should obtain labour-licenses prior to commencement of work. Principal Employer shall not allow any contractor without license.
- (iii) All outsourced jobs are required to be supervised by a Supervisor duly appointed by the Contractor. The contractor should declare the name and contact number of the supervisor(s) against each P.O before commencement of work and submit the details of the supervisor(s) to the respective unit HR Department. He should keep adequate nos. of supervisors to supervise and co-ordinate the execution of job by contract labours. (The principal employer must check that the name and number of the supervisor which has been provided by the contractor, whether the same person is coming as the said supervisor).
- (iv) The supervisor's name should not be mentioned in the employee register as he is not a contract labour.
- (v) Supervisor of concerned contractor should be present in the work-site where the contract labours of the concerned contractor are supposed to work. To ensure the presence of the supervisor, their attendance may be recorded by the user department on daily basis.
- (vi) Contractor should mention the name of his Supervisor / agent / manager in Form-II which is to be submitted to ALC (C) for obtaining labour license.
- (vii) The supervisor should maintain the attendance register of their contract labours (Form-D) which may be randomly checked by the Officers of the user department. This attendance register will be submitted by the contractors on monthly basis along with the wages-payment registers to the respective unit HR Depts. for obtaining certification of payment of wages to each contractor labour based on their daily / monthly attendances.
- (viii) Contractors must submit details of their firms in the Appendix B1 format prior to commencement of work. They must also submit details of their contract labours in B2 formats for making new gate-passes for the purpose of entry / exit prior to the engagement of such contract labour.

PRICE ESCALATION DETAILS

The initial established rates will be valid for a period of two years. Thereafter, one-time escalation will be applicable on the established rates, only for the unexecuted portion of work which goes beyond the initial contractual period of two (02) years and where the delay thereof is proved beyond doubt and not attributable to the contractor.

Beyond the tenure of the contract, one-time escalation will be applicable till completion of contract for the extended period.

The portion of the pending job on which the escalated rate is applicable, will be decided through discussion and mutual accordance in between GRSE and Contractor, prior 02 (Two) months of the expiry of the initial contract period of two (02) years.

In case of extension/ delay is attributable to the contractor for the unexecuted portion of work, then the escalation clause will not be applicable and LD will be levied.

The methodology for price escalation is as follows:

The calculation for escalation will be based on the changes in minimum daily wage rates as per Notification of Chief Labour Commissioner, Ministry of Labour & Employment, Govt. of India.

- i. The initial established rates “Rs. R” will be fixed for initial 02 (two) years from the start date of the Rate Contract.
- ii. The escalation percentage on initial established rate “Rs. R” after two years till completion of contract will be as follows:

A = Average minimum daily labour wage rate as on start date of the Rate Contract.

B= Average minimum daily labour wage rate as on end date of the Rate Contract.

Therefore, escalation percentage will be $(B-A)/A \%$

Now, Escalation will be applicable on 70% value of the established rate “R”.

The increased value of Rate, Rs. $[(0.7R) * (B-A)/A]$

The escalated Rate will be Rs. $R + [(0.7R) * (B-A)/A]$ which will be valid after two years till completion of the contract.

For purpose of escalation formula mentioned above, Average Minimum Daily Labour Wage Rate shall be considered as follows:

$[(1 \text{ High Skilled} + 1 \text{ Skilled} + 1 \text{ Semi Skilled} + 1 \text{ Unskilled}) / 4]$

If there is decrease in minimum daily labour wages rate the same rule will apply for de-escalation/reduction of Rates.



ANNEXURE-9

INTEGRITY PACT

This Integrity Pact Agreement is executed thisDay of2025.

Between

M/s Garden Reach Shipbuilders & Engineers Limited (GRSE) hereinafter referred to as "The Principal"

and

M/s..... having registered office address _____
hereinafter referred to as "the Bidder/Principal Contractor"

Preamble

The Principal intends to award, under laid down organizational procedures, contract/s for _____(Job) The Principal values full compliance with all relevant laws of the land, rules, regulations, economic use of resources and of fairness /transparency in its relations with its Bidder(s)/ or Principal Contractors (s) in consideration of the Contract awarded to GRSE by Indian Navy, Government of India.

In order to achieve these goals, the Principal will appoint an Independent External Monitor (IEM), who will monitor the tender process and the execution of the contract for compliance with the Principal mentioned above.

Section 1- Commitments of the Principal

[1] The Principal commits itself to take all measures necessary to prevent corruption and to observe the following principles: -

- a. No employee of the Principal, personally or through family members, will in connection with the tender for, or the execution of a contract, demand, take a promise for or accept for self or third person, any material or immaterial benefit which the person is not legally entitled to.
- b. The Principal will, during the tender process treat all bidder(s) with equity and reason. The Principal will in particular, before and during the tender process, provide to all bidder(s) the same information and will not provide to any bidder(s) confidential /additional information through which the bidder(s) could obtain an advantage in relation to the tender process or the contract execution.
- c. The Principal will exclude from the process, all known prejudiced persons.

[2] If the Principal obtains information on the conduct of any of its employees which is a criminal offence under the IPC/PC Act, or if there be a substantive suspicion in this



regard, the principal will inform the Chief Vigilance Officer and in addition can initiate disciplinary actions.

Section 2- Commitments of the Bidder(s)/Principal Contractor(s)

[1] The Bidder(s)/Principal Contractor(s) commit himself to take all measures necessary to prevent corruption. He commits himself to observe the following principles during his participation in the tender process and during the contract execution.

- a. The Bidder(s)/ Principal Contractor(s) will not, directly or through any other person or firm, offer, promise or give to any of the Principal's employees involved in the tender process or the execution of the contract or to any third person, any material or other benefit which he/she is not legally entitled to in order to obtain in exchange any advantage of any kind whatsoever during the tender process or during the execution of the contract.
- b. The Bidder(s)/Principal Contractor(s) will not enter with other Bidders into any undisclosed agreement or understanding, whether formal or informal. This applies in particular to prices, specifications, certifications, subsidiary contracts, submission or non-submission of bids or any other actions to restrict competitiveness or to introduce cartelization in the bidding process.
- c. The Bidder(s)/Principal Contractor(s) will not commit any offence under the relevant IPC/PC Act, further the Bidder(s)/Principal Contractor(s) will not use improperly, for purpose of competition or personal gain, or pass on to others, any information or document provided by the principal as part of the business relationship, regarding plans, technical proposals and business details, including information contained or transmitted electronically.
- d. The Bidder(s)/Principal Contractor(s) of foreign origin shall disclose the name and address of the Agents/representatives in India, if any. Similarly, the Bidder(s) / Principal Contractor(s) of Indian Nationality shall furnish the name and address of the foreign particulars, if any. Further details as mentioned in the "Guidelines on Indian agents of Foreign suppliers" shall be disclosed by the Bidder(s)/Principal Contractor(s). Further as mentioned in the Guidelines all the payments made to the Indian agent/representative have to be in Indian Rupees only, copy of the "Guidelines on Indian agent of foreign supplier" is annexed and marked as annex.
- e. The Bidder(s)/Principal Contractor(S) will, when presenting his/its bid, disclose any and all payments he/it has made, is committed to or intends to make to agents, brokers or any other intermediaries or any other person in connection with the award of the contract.



[2] The Bidders(s)/ Principal Contractor(s) will not instigate third persons to commit offences, outlined above or be an accessory to such offence.

Section 3- Disqualification from tender process and exclusion from future contracts.

If the Bidder(s)/Principal Contractor(s) before award or during execution has/have committed a transgression through a violation of Section 2 above or in any other form such as to put his reliability or credibility in question, the Principal is entitled to disqualify the Bidders(s)/ Principal Contractor(s) from the tender process or take action as per the extant procedure of the Principal.

Section 4- Compensation for Damages.

- 1) If the Principal has disqualified the Bidder(s) from the tender process prior to the award according to section 3, the Principal is entitled to demand and recover the damages equivalent to earnest Money deposit/Bid security.
- 2) If the Principal has terminated the contract according to Section 3, or if the Principal is entitled to terminate the contract according to section 3, the Principal shall be entitled to demand and recover from the Principal Contractor liquidated damages of the contract value or the amount equivalent to Performance Bank Guarantee.

Section 5- Previous Transgression

- 1) The Bidder declares that no previous transgressions has occurred for them in the last 3 years with any other company in any country conforming to the anti-corruption approach or with any other Public Sector Enterprise in India that could justify his exclusion from the tender process.
- 2) If the Bidder makes incorrect statement on this subject he can be disqualified from the tender process or action can be taken as per the procedure mentioned in "Guidelines on Banning of business dealing"

Section 6- Equal treatment of all Bidders/Principal Contractors/Sub-Principal Contractors.

- 1) The Bidder(s)/Principal Contractor(s) undertake(s) to demand from all sub-Principal Contractors a commitment in conformity with this integrity pact, and to submit it to the Principal before contract signing.
- 2) The Principal will enter into agreements with identical conditions as this one with all Bidders, Principal Contractors and Sub-Principal Contractors.
- 3) The Principal will disqualify from the tender process all bidders who do not sign this pact or violates its provisions.



Section -7- Criminal charges against violating Bidder(s) Contractor(s)/Sub-Contractor(s)

If the Contractor obtains knowledge of conduct of a Bidder, Contractor or Sub-Principal Contractor, or of an employee or a representative or an associate of a Bidder, Contractor or Sub Contractor which constitutes corruption, or if the principal has substantive suspicion in this regard, the Principal will inform the same to the Chief Vigilance Officer.

Section 8- Independent External Monitor/Monitors

- 1) The Principal appoints competent and credible Independent External Monitor (Monitor) for this pact. The task of the Monitor is to review independently and objectively, whether and to what extent the parties comply with the obligations under this agreement.
- 2) The Monitor is not subject to instructions by the representative of the parties and perform its functions neutrally and independently. The Monitors report to the Chairman, GRSE.
- 3) The Bidder(s)/Contractor (s) accepts that the Monitor has the right to access without restriction to all project documentation of the Principal including that provided by the Principal Contractor. The Principal Contractor will also grant the Monitor, upon its request and demonstration of a valid interest, unrestricted and unconditional access to the project documentation. The same is applicable to Sub Principal Contractors. The Monitor is under contractual obligation to treat the information and documents of the Bidder(s)/ Principal Contractor(s) /Sub Principal Contractor(s) with confidentiality.
- 4) The Principal will provide to the Monitor sufficient information about all meeting among the parties related to the project provided such meetings could have an impact on the contractual relations between the Principal and the Principal Contractor, The parties offer to the Monitor the option to participate in such meetings.
- 5) As soon as the Monitor notices, or believes to notice, a violation of this pact, it will so inform the management of the Principal and request the management to discontinue or take corrective action, or to take other relevant action. The Monitor can in this regard submit non-binding recommendations. Beyond this the Monitor has no right to demand from the parties that they act in a specific manner, refrain from action or tolerate action.
- 6) The Monitor will submit a written report to the Chairman, GRSE within 8 to 10 weeks from the date of reference or intimation to it by the Principal and should the occasion arise, submit proposals for correcting problematic situations.
- 7) The Monitor shall be entitled to compensation on the same terms as being extended to/provided to Independent Directors on the GRSE Board.



8) If the Monitor has reported to the Chairman GRSE, a substantiated suspicion of an offence under relevant IPC/PC act, and the Chairman GRSE has not, within the reasonable time taken visible action to proceed against such offence or reported it to the Chief Vigilance Officer, the Monitor may also transmit this information directly to the Central Vigilance Commissioner.

9) The word 'Monitor' would include both Singular and plural.

Section 9- Pact Duration:

This pact begins, when both parties have legally signed it. It expires for the Principal Contractor 18 months after the last payment under the contract, and for all other bidders 6 months after the contract has been awarded.

If any claim is made/lodged during this time, the same shall be binding and continue to be valid despite the lapse of this pact as specified above, unless it is discharged/determined by Chairman of GRSE.

Section 10- Other provisions:

1) This agreement is subject to Indian Law; place of performance and jurisdiction is the Registered Office of the Principal i.e. Kolkata.

2) Changes and supplements as well as termination notices need to be made in writing. Side agreements have not been made.

3) If any provisions of this agreement is held to be invalid, illegal or unenforceable, the validity, legality and enforceability of the remaining provisions hereof shall not be affected and shall remain valid. In this case, the parties will strive to come to an agreement to their original intentions.

(For & On behalf of the Principal)

(For & On behalf of the Bidder/Principal Contractor)
(Name, designation, official seal)

Place

Place.....

Date

Date.....

Witness 1
(Signature, Name & Address)

Witness 2
(Signature, Name & Address)



Form for Bid Security Declaration
(To be submitted in Company's Letterhead)

Date: _____
Bidder's Ref: _____
Tender Ref: _____

To
M/S. Garden Reach Shipbuilders & Engineers Ltd.
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 GRSE vendor Registration certificate.

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 23 (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]

- In case of JV, the entity should be registered with GRSE and Bid security declaration to be submitted by the JV entity.
- In case of consortium, the Lead partner should be registered with GRSE and Bid security declaration to be submitted by all of the Consortium