



GARDEN REACH SHIPBUILDERS & ENGINEERS LIMITED

गार्डन रीच शिपबिल्डर्स एण्ड इंजीनियर्स लिमिटेड

(A GOVERNMENT OF INDIA UNDERTAKING – MINISTRY OF DEFENCE)

(भारत सरकार का प्रतिष्ठान)

Registered & Corporate Office Address: GRSE Bhavan, 61, Garden Reach Road, Kolkata - 700 024

Web site वेब: www.grse.in, CIN सी आई एन: L35111WB1934GOI007891

NOTICE INVITING TENDER (NIT)

निविदा आमंत्रण सूचना

Garden Reach Shipbuilders & Engineers Limited, a leading Warship Builders and Engineering Product Company, invites interested, reputed, resourceful and financially solvent Service provider 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/DC/NIC/OT(P)/Sub-Station/KPDD/126/ ET-3295
Job Title कार्यकानाम:	"CONSTRUCTION OF SUB STATION WITH LT NETWORK AT KPDD" [to be executed as per SOTR No. ES/MAIN/02/25-26 at Annexure-I]
Tender issuing Dept. बिभागद्वारा जारी:	Contract Cell (संविदाबिभाग), GRSE (61 Park)
Executing dept.	ES dept., GRSE

ARTICLE 1 अनुच्छेद-1: SCHEDULE OF CALENDAR DATESसमायावलीकी अनुसूची:

SCHEDULE सारणी		
Pre-Bid Meeting (if applicable) बोली-पूर्व बैठक (यदि लागू है)	08-10-2025	11.00 Hrs.
Bid submission Starting Date निविदा जमा करने की प्रारंभिक तिथि	13/10/2025	12:00 hrs.
Tender Due Date निविदा जमा की अंतिम तिथि	15/10/2025	16:00 hrs.
Tender Opening Date (Part I) निविदा खुलने की तिथि (तकनीकी- वाणिज्यिक बोली भाग-I)	16/10/2025	12:00 hrs.
Offer Validity Period minimum ऑफर की नियुक्तम वैधता अवधि	180 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 मूल्य (स्टैक के परिच्छेद 03 में उद्धृत)	INR 500/- **
Earnest Money Deposit (EMD) (refer clause 4 of STAC) बयाना राशि जमा (स्टैक के परिच्छेद 4 में उद्धृत) **	Rs. 10,00,000/- (Rupees Ten Lakhs only) **

**** 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. Bid security to be submitted as per Annexure-6.

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-6.

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.

f) Submission of Tender Fee instrument is MANDATORY for joint-venture / consortium of two or more firms and there shall be no exemption applicable against submission of MSE/NSIC/ GRSE registration certificates by the firms.

Security Deposit (SD)प्रतिभूति	5% of Order Value (inclusive of GST)
PBG पी बी जी	10% of Order Value (incl. GST)
Liquidated Damages परिनिर्धारितनुकसान	0.5 % per week, Max 5% of unexecuted job
Billing Frequency बिलकरनेकीअवधी	Stage wise Progressive Bill basis
Evaluation of L1 एल1 कामूल्यांकन	L1 bidder will be decided on Totality Basis

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) ((attached with NIT)
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	Format for Bid Security Declaration(attached with NIT)
Annexure 7 संलग्नक-7	Format for - Integrity Pact (attached with NIT) To be submitted in Non-Judicial stamp paper of value not less than Rs.100/-.

Annexure 8 संलग्नक-8	Confirmation by Bidder and checklist for bid submission (attached with NIT)
Annexure 9 संलग्नक-9	Check List of Statutory Responsibility of Contractor and Principal employer (attached with NIT)
Annexure 10 संलग्नक-10	Penalty for non-cleaning of work area post job completion
Annexure 11 संलग्नक-11	Non-Disclosure Agreement (NDA) to be submitted in Non-Judicial stamp paper of value not less than Rs.100/- (www.grse.in)
Annexure 12 संलग्नक-12	Fire & Safety Guidelines (please refer www.grse.in →Tender→Enclosures Related to tenders of Sub-Contracting Activities) (https://www.grse.in/enclosures-related-to-the-tenders-of-sub-contracting-activities/Safety_Guidelines_for_contractors_Revised.pdf)
Annexure 13 संलग्नक-13	Special condition of contract (please refer www.grse.in →Tender→Enclosures Related to tenders of Sub-Contracting Activities)
Annexure 14 संलग्नक-14	Contractors Responsibility (please refer www.grse.in →Tender→Enclosures Related to tenders of Sub-Contracting Activities)
Annexure 15 संलग्नक-15	General Requirement (please refer www.grse.in →Tender→Enclosures Related to tenders of Sub-Contracting Activities)
Annexure 16 संलग्नक-16	PF, ESI declaration form (please refer www.grse.in →Tender→Enclosures Related to tenders of Sub-Contracting Activities)
Annexure 17 संलग्नक-17	Guideline for Bank Guarantee (please refer www.grse.in →Tender →Enclosures Related to tenders of Sub-Contracting Activities) (BG to be submitted in Rs. 100/- Non-Judicial Stamp paper)
Annexure 18 संलग्नक-18	Format for - Bank Guarantee Format for EMD (please refer www.grse.in →Tender→Enclosures Related to tenders of Sub-Contracting Activities)
Annexure 19 संलग्नक-19	Format for - Bank Guarantee Format for SD (please refer www.grse.in →Tender→Enclosures Related to tenders of Sub-Contracting Activities)
Annexure 20 संलग्नक-20	Format for - Bank Guarantee Format for collection of material (please refer www.grse.in →Tender→Enclosures Related to tenders of Sub-Contracting Activities)
Annexure 21 संलग्नक-21	Format for - Bank Guarantee Format for Indemnity Bond (please refer www.grse.in →Tender→Enclosures Related to tenders of Sub-Contracting Activities)
Annexure 22 संलग्नक-22	Format for - Bank Guarantee Format for PBG (please refer www.grse.in →Tender→Enclosures Related to tenders of Sub-Contracting Activities)

ARTICLE 4अनुच्छेद-4: DOCUMENTS TO BE UPLOADEDअपलोडहेतुदस्तावेज

Self-Attested documents are to be scanned and uploaded with Part I of GeM-bid
ई-बिडके भाग-1 के साथ स्कैन एवं अपलोड हेतु स्वअभिप्रायित दस्तावेज

1	DD/ BG towards tender fee and EMD or MSE (UDYAM)/NSIC certificate/ valid GRSE vendor registration and Bid security declaration (as per Annexure - 6) to get exemption towards tender fee and EMD	Yes
2	If MSE/NSIC firm, confirmation for whether SC/ST, and Women entrepreneur with documentary evidence to be submitted	Yes
3	Technical Acceptance Matrix, matrix for SOTR as available with NIT after being downloaded and filled up	Yes
4	Commercial Acceptance Matrix , matrix for NIT, Standard terms and conditions as available with NIT after being downloaded and filled up	Yes
5	Documents meeting the Technical Eligibility Criteria to be submitted with filled in format at Annexure - 3 along with documentary evidences.	Yes
6	Documents meeting the Financial Eligibility Criteria to be submitted with filled in format at Annexure - 4 along with documentary evidences.	Yes
7	Audited/Certified Annual Accounts and Annual Report for immediate last three (03) financial years ending on 31st March 2025 in support of Financial Eligibility.	Yes
8	Solvency Certificate of (as mentioned in NIT document under eligibility criteria) from Banker to be submitted – Solvency certificate should not be older than 03 (three) month from tender publication date.	NA
9	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
10	Integrity Pact (refer clause 01 of STAC) as per format at Annexure-7	Yes
11	PAN /TAN, GST, Labor License Certificate, Registration Certificate of the Company with ROC, Trade License, Memorandum and the Article of Association of the firm.	Yes
12	Copies of registration with PF, ESI authorities/ last challans etc.	Yes
13	Partnership Deed / Memorandum and the Article of Association of the firm confirming partners and lead partner (if applicable)/ Joint Venture Agreement / Memorandum of Understanding with Power of Attorney in favour of lead member (if applicable).	Yes
14	Government E-Market Place (GeM) registration certificate with Unique GeM Seller ID . GeM ID is to be indicated in Commercial Matrix.	Yes
15	Confirmation of TReDS registration number (Entity ID) allotted to MSME's by Trades Receivable e-Discounting System (TReDS) for invoice discounting system in case of MSME Organization	Yes
16	Checklist for bid submission at (Annexure - 9) in Company's letterhead	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.**

ARTICLE 5 अनुच्छेद-5: DOCUMENTS IN PHYSICAL FORM TO SUBMIT वास्तविकप्रपत्रजोडमाकरनेहै:

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	Scanned copy to be uploaded along with the bid & original to be submitted within 03 days from opening of Part I bid

	Above mentioned original Negotiable Instruments as stipulated, to reach the office of Ms. Debalina Chowdhury, AM(Contract), Contract Cell, GRSE 61Park Unit, 2ndFloor (North Block of the building), 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.
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ARTICLE 6अनुच्छेद-6: JOB EXECUTION SCHEDULEकार्यनिष्पादनसूची

(A) Mobilisation Period लामबंदीअवधी- 07 days from the date of placement of LOI/Purchase Order (whichever is earlier) will be given for commencement of work.

(B) Job Starting Dateकार्यआरम्भतिथी - The job is to be commenced immediately on receipt of LOI/PO (whichever is earlier).

(C) Job Completion date / Period of Contract कार्यसमाप्तीतिथी/अनुबन्धकासमय- The job is to be completed within 180 days from LOI/PO (whichever is earlier) from commencement of work as per instruction of ES Dept.

(D) Inspection/Quality Assurance Authority – DGM (ES & CM) or his nominated officer/ JM(ES) is authorized to carry out quality control / inspection on behalf of GRSE.

(E)Place of Work – KPDD (PAN BAZAR).

ARTICLE 7अनुच्छेद-7: JOB EXECUTIONकार्यनिष्पादन - The job is to be carried out strictly as per SOTR and in case of doubt, instructions and guidance of DGM (ES & CM)/ nominated officer of ES dept., GRSE is to be followed.

ARTICLE 8अनुच्छेद-8: GUARANTEE& WARRANTYगारंटीएवंवारंटी-

The work executed including equipment or component thereof are to be guaranteed for satisfactory performance (design, engineering, materials and workmanship) for the period of 12 calendar months from the date mentioned of completion certificate. In case supplied items fails within the guarantee period, the same shall be replace at free of cost within 72 hours. if any sub-parts found defective , they shall be replace or rectified in a reasonable time but not more than 48 hours.

ARTICLE 9अनुच्छेद-9: PRICEमूल्य-

a. 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.

b. The Price established will firm and fixed for the entire contract period till satisfactory completion of work. No escalation whatsoever will be considered under any circumstances in respect of the contract. The quoted price should also include all statutory cost / detail as mentioned/indicated in SOTR to complete the project.

No other attachment regarding price will be accepted (other than as given in html format in E-procurement portal) and if submitted by the vendor then the offer will be treated as cancelled.

Please note, if any price indication or price attachment found with techno-commercial bid, the vendor will be rejected outright.

ARTICLE 10 अनुच्छेद - 10: ESCALATIONमूल्यवृद्धि: Not applicable.

ARTICLE 11 अनुच्छेद-11: UNREASONABLE QUOTES अतर्कसंगतभाव -

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 analyzed 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 प्रस्तावकी वैधता-

Offer should be valid for **180 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 180 days against valid reason.

ARTICLE 13 अनुच्छेद-13: CONDITIONAL OFFER सशर्त प्रस्ताव -

Conditional offers w.r.t. SOTR 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 for such deviation on the price quoted by the bidder will be considered (during TNC/CNC proceedings) prior to determine the L1 price.

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

L1 bidder will be decided on Totality Basis.

ARTICLE 15 अनुच्छेद-15: BOQ बीओक्यू -

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 contract as per actual requirement of GRSE. The selected Bidder has to execute the required quantity at same rate, terms & conditions to complete the job. Purchase Order will be amended accordingly. BOQ as per SOTR is given below. However, the detail will be as per technical specifications:

Sl. No.	Descriptions	Qty.	UOM
1	Construction of four rooms for substation	01	EA
2	Supply of VCBs enclosure (04 VCBs – one incoming three outgoing)	01	EA
3	Supply of 1000 KVA compact sub station with 01 VCB	02	EA
4	Supply of LT Distribution panel one incoming and 08 outgoing	01	EA
5	Supply of 3 core x 300 sq. mm. Aluminium Conductor (AL) 11 kV(E) Armoured XLPE HT Cable as per IS standard	300	mtr

6	Supply of End Termination of 300 Sq.mm 3 Core HT cable kit	06	Set
7	Supply of 3.5 X 300 sq mm XLPE AL LT Aluminum cable as per IS standard	3000	mtr
8	Supply of 1200A (Incoming) DB with 1000A, 200A, 100 A outgoing	10	EA
9	Supply of DB 1200 A(incoming) with 400A and 200A outgoing	01	EA
10	Supply of 200 A (incoming DB) with 100 A outgoing	01	EA
11	Supply of LT cable end termination material (300 sq mm cable) at each end location	30	Set
12	Supply of Earth pit item 50 mm Dia GI Pipe	09	Set
13	Supply of copper earth plate for neutral earthing size 600 mm X 600 mm X 3.15 mm	04	EA
14	Supply of 50 x 6 mm Cu Flat	50	Mtr
15	Supply of 50 x 6 mm GI Flat	300	Mtr
16	Supply of 3.5 Sq mm 70 sq mm armored AL cable as per IS standard	500	mtr
17	Supply of LT cable end termination material (70 sq mm cable)	40	Set
18	Supply of 400 KVA AFPC panel	02	EA
19	Service for Mapping of existing cable, pipe lines approximate 700 X 01 sq m area	01	AU
20	Installation of above CSS, VCBs enclosure and LT Panel as per IE rule	01	AU
21	Laying and dressing of 200 mtr HT cable as per IE standard through underground	01	AU
22	Laying and dressing of 100 mtr HT cable as per IE standard inside sub station	01	AU
23	Laying of said LT cable as per IE standard through under ground with end termination (3.5 C, 300 sq mm)	01	AU
24	Laying of 3.5 C 70 sq mm LT cable for various rooms through under ground with end termination	01	AU
25	Installation of all 12 nos DBs with end termination of LT cable on concrete platform	01	AU
26	End Termination of 300 Sq.mm 3 Core HT cable as per IE standard (06 sets)	01	AU
27	Earthing as per IE rule	01	AU
28	Provision of lights , fans and other arrangements	01	AU
29	Installation of 02 nos AFPC panels	01	AU
30	Service CEA approval for new VCB panel & HT cable Installations for entire scope of job	01	AU

NB: UOM = Unit of Measurement, AU- At actual; EA-Each

Detail of BOQ and all requirement and terms are as per SOTR (SOW) attached with NIT and technical specifications.

Note: Material / equipment required for execution of job as per SOTR which is to be supplied by vendor will be F.O.R. GRSE. Transit, freight, insurance, duty etc. as applicable for delivery of the

items in GRSE shall be the responsibility of vendor with obtaining proper inspection note and delivery challans at GRSE.

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 छोट्टे उद्योग -

- a) 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.
- b) 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: AWARDING JOBS TO MULTIPLE BIDDER बहुल बिडर के लिए ठेका कार्य: Not Applicable.

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

A. Technical Eligibility Criteria तकनीकी मापदंड - As per SOTR Ref. ES/Main/02/25-26.

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 2025** should be at least **Rs. 1.7 Cr.**

Supporting documents meeting Financial Eligibility Criteria i.e. Audited Balance Sheet, Profit & Loss Account etc. of the company for last 03 (three) financial years, Solvency certificate to be submitted along with the part – 1 bid as per format given in **Annexure-4**.

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 **31.08.2025**. 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.

[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 with documentary evidences and to be submitted the same along with the Techno-Commercial bid]

Note: - Documents mentioned in above clauses to be submitted with Techno-commercial bid (Part-I) without which submitted offer will liable to be rejected for processing of tender. GRSE reserves the right to independently verify the submitted self-certification of any bidder. In case violation of declaration is detected at any stage of tender process and during currency of contract, the order will be terminated.

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

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 03 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 **03** 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): 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.),
Email: lov_56@yahoo.com

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

8. INTEGRITY PACT: – 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-7). **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 (SI.No.-1) in GRSE website/Annexure-2 of the tender]**

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. Build specifications are to be returned to GRSE after submission of bid. Also all soft copies are to be destroyed and a self-certification to be submitted during TNC meeting.

12. Ownership:

The Free Issue Materials and the vessel to be constructed by the Contractor on behalf of GRSE shall at all times remain the exclusive property of GRSE and the Contractor under any circumstances shall not be entitled to nor shall have the right to create mortgage, charge, lien or other encumbrance of any nature whatsoever over and in respect of the said free use materials and the ship to be constructed pursuant to this NIT.

13. The Contractor will indemnify and keep GRSE indemnified and harmless from and against all actions, claims, demands, losses, damages, costs, charges and expenses whatsoever which GRSE may suffer or incur as a result of:

- (a) any breach or default of any of the terms contained in this NIT by the Contractor;
- (b) Any negligence or wrongful act or omission on the part of the Contractor or its team or labourers/workers/sub-contractors engaged by the Contractor in connection with or incidental to the POs/NIT;
- (c) Injuries or death of any person due to any activity of the Contractor, its team or labourers/workers/sub-contractors in the execution of the POs/NIT;

14. 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.
15. 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.
16. 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.
17. A Bidder is allowed to submit only one Bid under any capacity / status.
18. Difficulty in submitting the bid:
 - a. Any query/difficulty in understanding of SOTR or other technical Terms may be got clarified from **Cdr Madesi Venugopal Dora, DGM(ES&CM), Mobile no.: 9910453125**, e-mail ID – Dora.Mv@grse.co.in prior to submission of offer.
 - b. Any query/difficulty in understanding of Commercial Terms may be got clarified from **Ms. Debalina Chowdhury, AM (Contract)/ 61 Park Unit, Mobile No. 9147162442**, e-mail: Chowdhury.Debalina@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]
19. **E-mail Address for communication** संचार हेतु ई. मेलपता: Vendor to provide e-mail address to enable faster communication.

ARTICLE 21 अनुच्छेद-21: e-BID INSTRUCTION ईबिडके अनुदेश-

- i. 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>
- ii. 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>.
- iii. 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.
- iv. 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.
- v. 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.

vi. Bids can be submitted only during validity of registration of bidder with GRSE e- Procurement portal.

vii. The amendments / clarifications to the bid document, if any, will be posted on E- Procurement portal / GRSE web site only.

viii. 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.

ix. 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.

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 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 अस्वीकृतिके 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 7 GRSE working days from the tender closing date (as applicable).
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 not submitting Integrity Pact as per requirement of the tender.

12. Bidder submitted false/incorrect documents etc.

13. Bidders who have indicated / attached / shown any price anywhere else other than as per provision in NIC portal under price bid section], then offer will be treated as cancelled.

14. **Conflict of Interest:** The Contractor shall disclose to GRSE in writing, all actual and potential conflicts of interest that exist, arise or may arise in course of performing the POs as soon as practicable after it becomes aware of that conflict. A bidder shall not have conflict of interest with other bidders. Such conflict of interest can lead to anti-competitive practices to the detriment of Procuring Entity's interests. The bidder found to have a conflict of interest shall be disqualified as per stipulation and guideline provided by GOI.

ARTICLE 23 अनुच्छेद-23: POST AWARD APPLICABLE CLAUSES ठेकाजारी करने के पश्चात लागू उपधारा -

i. **Security Deposit प्रतिभूति जमा -**

a) Successful bidder will deposit an amount equivalent to 05% (percent) of the total contract value (inclusive of GST) as interest free refundable Security Deposit (SD) in the form of Pay Orders/D.Ds/Bank Guarantees (in case of BG- with validity of sixty days beyond contract period as per GRSE format) on any schedule bank other than Co-operative bank payable at Kolkata, duly crossed favoring "**Garden Reach Shipbuilders & Engineers Limited**", within 15 days from the date of released order. In case of non-submission of SD as per schedule, penal interest will be charged for delayed period of submission of SD beyond 15 days at the prevailing SBI cash credit rate on the amount of SD to be submitted.

b) If SD is to be submitted in the form of BG then the same is to be forwarded directly to GM (Finance), GRSE by the Bank in Banker's sealed envelope failing which same will not be accepted. Details of B.G. should also be confirmed to Ordering Department, GRSE.

Bank Guarantee should be executed on the non-judicial stamp paper of Rs.100/- which should be obtained in the name of the executing Banker. Bank guarantee must explicitly mention GRSE SAP PO no. else B.G. will not be accepted. In case a single stamp paper of Rs.100/- is not available, stamp paper of multiple denomination is acceptable provided serial no. of such stamp paper are consecutive and are purchased on the same date. Bank Guarantee should be executed strictly as per GRSE's format. Any alteration in the writing is required to be authenticated by the signatory executing the Bank Guarantee under official seal. Hard copy/Original B.G. must be submitted by supplier's bank in banker's sealed envelope directly to dealing officer of Commercial dept/ordering dept. BG in PDF is to be uploaded by vendor in OBPS portal.

c) S.D. amounts would be refunded / returned after successful execution of the job and on submission of MRS (if applicable). The Contractor is to apply for release of their SD which has to be certified by DGM (ES)/ his nominated officer through Ordering Dept., GRSE. In the event of failure to execute the order satisfactorily or default by the Contractor, the security deposit will be forfeited.

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

WDC / Material acceptance certificate (GR) / Job completion Certificate (Service entry) will be issued by JM(ES)/ DGM(ES&CM) in OBPS portal based on the Inspection Report as applicable. On site receiving of material / completion of job to be certified by GRSE

nominated officer. 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/ any other recoverable is also to be indicated [in days/weeks specified therein]. Any recovery/deduction is also to be indicated on WDC.

iii. Payment Termsभुगतानकीशर्तें:

1. The Stage wise certified bill amount (with full GST) against actual work done will be paid within 30 days of receipt of bill duly certified by bill certifying authority supported with certified Work Done Certificate (WDC). Recoverable from contractor, if any, is to be adjusted from the payment as per certification of bill certifying authority. Moreover, release of payment is subjected to clearance of PF, ESI & other statutory responsibilities of the contractor.

The payment for the scope shall be released as per following stages:

a. Civil Job:

Stage	Description	% Payment
I	On completion of plinth area. (sl (1) of SOTR para)	20
II	On completion of before roof area. (sl (1) of SOTR para 2)	30
III	On completion of Building. (sl (1) of SOTR para 2)	40
IV	On completion of 12 months defect liability period and post liquidation of all guarantee liabilities. (sl (1) of SOTR para 2)	10

b. For Supply of electrical materials:

Stage	Description	% Payment
I	Supply each item (items Serial Nos. 02 to 18 of SOTR para 2)	70
II	Supply items (items Serial Nos. 02 to 18 of SOTR para 2) shall be paid after completion of entire project.	20
III	After completion of 12 months defect liability period and post liquidation of all guarantee liabilities.	10

c. Completion of service jobs:

Stage	Payment Schedule	% Payment
I	On Completion of service jobs (items Serial Nos 19 to 30 of SOTR para 2) shall be paid on completion of entire project.	90
II	On completion of 12 months defect liability period and post liquidation of all guarantee liabilities.	10

2. 10% bill amount retained from each activity as Performance Guarantee and the same will be released after expiry of guarantee period duly certified by Bill Certifying Authority or on submission of Performance Bank Guarantee of equivalent amount valid till expiry of Guarantee period plus sixty (60) days beyond guarantee period.

3. For release of this 10% retention money either after guarantee period or on submission of PBG, work done certificate shall not be required. While releasing PBG after expiry of guarantee period, the

PBG release application to be submitted to Contract Cell duly certified by DGM(ES & CM) or his nominated officer.

4. Bill Submissionबिलप्रस्तुति:

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

Note:

- (i) All Vendors having turnover above Rs. 5 Crore have to mandatorily submit Invoice.
- (ii) All Vendors having turnover below Rs. 5 Crore are also to submit E-Invoice/digitally signed invoice. (Vendors having turnover under Rs. 5 Crore have option to create E-Invoice).
- (iii) Invoice in hard copy is not desirable.
- (iv) Transaction fee of Rs 500.00 for first return & Rs 1000.00 for subsequent return of bill with inappropriate documents will be charged.

5. Payment will be made based on actual WDC certification of GRSE.

6. **Bill Certifying Authority:** DGM (ES & CM) / his Nominated officer.

iv. Liquidated Damagesनिर्णीतहर्जाना-

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.

v. Risk Purchase: -जोखिमखरीद-

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.

vi. 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). You should take all safety precautions and provide adequate supervision & control for your workmen in order to carry out the job safely. In case of any

violation of safety precaution and none using of safety equipment, Contractor shall be liable for a penalty which is detailed in Fire and safety Guideline. 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.

- vii. **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

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.

- viii. **Contractor's Safety Personnel (संविदाकारकेबचावकर्मचारी) (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.
- ix. **Time of completion shall always be considered as essence of the contract / PO (कार्य समापन अवधी निविदा का मूलतत्व)** and cannot be extended for any reason whatsoever. However, in an unlikely situation beyond the control of the contractor, application for extension of due time shall be submitted by the Contractor, one week in advance with proper justification duly endorsed by respective Berth Officer of GRSE with commensurate recording of events in the "Hindrance Register". Please note LD will be levied for the unexecuted portion for such time extension. **However, vendor has to compete the job within given schedule as per instruction of concerned authority of GRSE.**
- x. Please note that this is an extremely time bound job and requires proper scheduling and monitoring of each activity. Vendor is to maintain job register to log the activity for the job wet start time and completion time and also record major events interim. The hindrance register should be maintained as indicated.
- xi. **Increase in quantity or introduction of items is strictly prohibited under any circumstances** मात्रामेवृद्धीयाप्रवेशणकिसीभीपरिस्थितीमेंअमान्य. However, in an unlikely situation for completion of the job in all respect demand a minor increase of quantity or item, the same has to

be brought to the notice to the Engineer In-charge/concerned project head of GRSE, in writing, sufficient time in advance. Only on approval / amendment of PO/ Contract in writing and in advance has to be considered for this additional quantity or item. Contractor should not do any such additional work on verbal clearances of any Authority of GRSE. No post facto approval request for such deviation will be accepted.

- xii. Secrecy of Information:** - All documents and drawings of this project are of confidential in nature and should be used explicitly for the purpose for which they are provided. Technical information, Drawings should not be copied and should be returned to GRSE on completion of work. No information in respect of contracts/orders shall be released to the national or international media or any one not directly involved its execution without the express written approval of the GRSE. In the event of any breach of above provisions, the vendor would have to make good of any loss/ cost/ damage/ any other claim whatsoever preferred by anybody to GRSE in this respect.
- xiii. Relationship between the Parties**
Nothing in this NIT/POs constitutes/shall constitute any fiduciary relationship between GRSE and the Contractor or any relationship of employer-employee, principal and agent or partnership between GRSE and the Contractor. No party shall bind the other party in any manner whatsoever except as agreed under the NIT and POs to be issued. GRSE has no obligation to the Contractor except as agreed under the terms of NIT.
- xiv. Survival**
The provisions of NIT in relation to Confidential Information, Non-Disclosure, Intellectual Property Rights and Ownership shall survive the expiry or termination of the Purchase order.
- xv. Entire Contract**
The terms and conditions laid down in the NIT and all the annexure and appendices shall be read and construed in conjunction with the POs and shall form integral part of the POs to be issued to the bidder.
- xvi. Cyber Security Secrecy**
The Contractor shall at all times keep all relevant data such as Statistics/Business processes and supporting records and materials complied or prepared in course of its rendering services under the POs secret and confidential and shall give a declaration indemnifying GRSE against all actions, claims, demands, losses, damages, costs, charges and expenses whatsoever which GRSE may suffer or incur as a result of breach or default by divulging Confidential Information to any other person or party those which will be acquired by the Contractor during operation and/or implementation of the POs
- xvii. Amalgamation/Demerger** the Contractor shall not after issue of PO/s and during subsistence of POs, transfer any of its undertakings/business nor make any arrangement for merger, amalgamation/demerger without prior written consent of GRSE.
- xviii. Fitment of portable ACs at the vendors' premises/PORTA cabins on chargeable basis.** Following to be complied with respect to installation / usage of AC machines (if an as applicable): -
- (a) Installation of New AC Machines.
 - (i) ACs are to be of 5-Star Green rating upto a maximum of 1.5 Tons.
 - (ii) Vendors to seek installation clearance from ES&CM department. Post accord of clearance by ES&CM, vendor to install the AC and take power supply from designated place shown by the ES&CM dept.
 - (iii) All cables, RCCB, socket etc required for connection of the AC are to be arranged by the respective vendor.
 - (iv) Post completion of installation, an inspection will be carried out by the ES Dept for readiness

to energise. Same procedure will be followed in case vendor willing to discontinue this facility.

(v) Charges toward electrical bills will be on monthly fixed rate basis @ 700.00 per month per AC irrespective of utilization / restriction of utilization.

(vi) In case vendor desires to remove AC connection, approval for the same to be obtained from ES Dept. However, full month charges will be applicable for the said month in which the AC will be disconnected.

(vii) Any damage to GRSE property occurred due to use of AC to be made good by the vendor. In case vendor fails to carry out the same, defect will be made good under the risk and cost of the vendor.

(b) Usage of Existing AC Machine

(i) Vendors to apply for inspection of the installed AC by ES Dept. Any observations made by ES&CM dept during the inspection process are to be liquidated by the vendor. Cables, RCCB, socket etc, if required to be replaced, are to be undertaken by the vendor at his own cost.

(ii) Charges toward electrical bills will be on monthly fixed rate basis @ 850.00 per month (for below five stars rating) and ₹ 700.00 per month (for five stars rating) irrespective of utilization / restriction of utilization.

(iii) In case vendor desires to remove AC connection, approval for the same to be obtained from ES Dept. However, full month charges will be applicable for the said month in which the AC will be disconnected.

ARTICLE 24 अनुच्छेद 24: SUBMISSION OF BID बिडकीपेशी-

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: -

- a. Contractor is liable for payment of PF, ESI to their engaged workmen and for other labour oriented mandatory liabilities, wage slip 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 PERSONNEL INSIDE GRSE PREMISES – AS PER APPENDIX-A AND APPENDIX-B ENCLOSED UNDER ANNEXURE-9.

The Vendor has to comply all mandatory liabilities, Entry/exist of their personnel(s) as applicable for carrying the job as per prevailed procedure/CLMS policy of GRSE. The Firm/Service provider shall only be responsible to maintain PF, ESI/Employees compensation insurance policy/Accident policy as per compensation Act, 1923 with relevant medical policies for their workmen/technician/team as applicable for carrying out the job inside GRSE premises.

ARTICLE 27 अनुच्छेद-27: PRE-BID MEETING बोली-पूर्व बैठक:

A pre-bid meeting with post site visit will be held on **08.10.2025** at **on site KPDD, Pan Bazar premises of GRSE occupied area**, at 11:00 AM to discuss the detail Scope of Work of the Tender/ clarifying the queries of the bidders, if any. Vendors interested to participate in pre-bid meeting should inform Mr. Anupam Bhabak, Junior Manager (JM), email: Bhabak.Anupam@grse.co.in may be contacted, 48 hours before schedule.

Debalina Chowdhury
AM (Contract)
Garden Reach Shipbuilders & Engineers Limited
GRSE 61 Park unit, 61, Garden Reach Road, Kolkata – 700 024
Mobile: +91 9147162442



**GARDEN REACH SHIPBUILDERS AND
ENGINEERS LIMITED**

SOR No.: /ES/MAIN/02/ 25-26

STATEMENT OF REQUIREMENT
FOR PROVISION OF SUB STATION (6000/415 V) WITH
LT NETWORK AT KPDD (PAN BAZAR)

Prepared by:		Checked By:	Approved by:
JM(ES)	AM(Civil)	DGM (ES & CM)	CGM (Tech)

(अनुपम भावक/Anupam Bhabak)

क. प्रबंधक/Junior Manager

वैद्युत विभाग (मेन)/Elect. Dept (Main)

जे. आर. एस. ई लि. /G.R.S.E Ltd.

मनतोष देबनाथ / Manatosh Debnath

सहायक प्रबन्धक, (सिविल) मेन यूनिट

Assistant Manager (Civil), Main Unit

गार्डन रीच शिपबिल्डर्स एण्ड इंजीनियर्स लिमिटेड

Garden Reach Shipbuilders & Engineers Ltd.

कोलकाता / Kolkata-700 024

Cdr M Venugopal Dora, IN (Retd.)
कमांडर एम वेणुगोपाल दोरा, आई. एन. (रिटिर्ड)
Deputy General Manager (ES & CM)
उप महाप्रबंधक (ई.एस.एंड सी.एम.)
MAIN UNIT / मेन यूनिट
जी.आर.एस.ई.लि. / G.R.S.E. Ltd.
43/48, गार्डन रीच रोड, कोल-24
43/48, Garden Reach Road, Kol-24

कमांडर भुवनेश्वर मिश्रा, भा. नौ. (रोवानिवृत्त)

Cdr. Bhubaneshwar Mishra, IN (Retd.)

मुख्य महाप्रबंधक (सिविली एवं प्रोजेक्ट) / Chief General Manager (Tech & Project)

होमिन्स विभाग का उपप्रभु, (रक्षा विभाग) / A Government of India Undertaking, (Ministry of Defence)

गार्डन रीच शिपबिल्डर्स एण्ड इंजीनियर्स लिमिटेड

Garden Reach Shipbuilders & Engineers Ltd.

कोलकाता 700024 / Kolkata-700024

1. **INTENT.** Garden Reach Shipbuilders & Engineers Limited is a premier ship building industry engaged in manufacturing of ships & vessels of assorted shape and size. It is proposed to constructed new sub-station house in KPDD of capacity of 2000 KVA including down strim LT distribution network.

2. **CONTRACT'S SCOPE OF WORK.**

CONTENT:

Sl. No.	Descriptions	Qty.	UOM
1	Construction of four rooms for substation	01	EA
2	Supply of VCBs enclosure (04 VCBs – one incoming three outgoing)	01	EA
3	Supply of 1000 KVA compact sub station with 01 VCB	02	EA
4	Supply of LT Distribution panel one incoming and 08 outgoing	01	EA
5	Supply of 3 core x 300 sq. mm. Aluminium Conductor (AL) 11 kV(E) Armoured XLPE HT Cable as per IS standard	300	mtr
6	Supply of End Termination of 300 Sq.mm 3 Core HT cable kit	06	Set
7	Supply of 3 .5 X 300 sq mm XLPE AL LT Aluminum cable as per IS standard	3000	mtr
8	Supply of 1200A (Incoming) DB with 1000A, 200A, 100 A outgoing	10	EA
9	Supply of DB 1200 A(incoming) with 400A and 200A outgoing	01	EA
10	Supply of 200 A (incoming DB) with 100 A outgoing	01	EA
11	Supply of LT cable end termination material (300 sq mm cable) at each end location	30	Set
12	Supply of Earth pit item 50 mm Dia GI Pipe	09	Set
13	Supply of copper earth plate for neutral earthing size 600 mm X 600 mm X 3.15 mm	04	EA
14	Supply of 50 x 6 mm Cu Flat	50	Mtr
15	Supply of 50 x 6 mm GI Flat	300	Mtr
16	Supply of 3.5 Sq mm 70 sq mm armored AL cable as per IS standard	500	mtr
17	Supply of LT cable end termination material (70 sq mm cable)	40	Set
18	Supply of 400 KVA AFPC panel	02	EA
19	Service for Mapping of existing cable, pipe lines approximate 700 X 01 sq m area	01	AU
20	Installation of above CSS, VCBs enclosure and LT Panel as per IE rule	01	AU
21	Laying and dressing of 200 mtr HT cable as per IE standard through underground	01	AU
22	Laying and dressing of 100 mtr HT cable as per IE standard	01	AU

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	inside sub station		
23	Laying of said LT cable as per IE standard through under ground with end termination (3.5 C, 300 sq mm)	01	AU
24	Laying of 3.5 C 70 sq mm LT cable for various rooms through under ground with end termination	01	AU
25	Installation of all 12 nos DBs with end termination of LT cable on concrete platform	01	AU
26	End Termination of 300 Sq.mm 3 Core HT cable as per IE standard (06 sets)	01	AU
27	Earthing as per IE rule	01	AU
28	Provision of lights , fans and other arrangements	01	AU
29	Installation of 02 nos AFPC panels	01	AU
30	Service CEA approval for new VCB panel & HT cable Installations for entire scope of job	01	AU

Please note : EA- Each ; AU -- At actual

Technical Specifications

(A) Electrical items

(a) VCBs enclosure - (04 VCBs one incoming three outgoing) (preferable Dimension 1400 mm(L) X 800 mm (W) X 2500 mm(H))

Sl.No	Description	Qty.
A.	Supply, installation & commissioning of 4 panel (1 incomer & 3 outgoing) air insulated VCB switchboard along with BUS PT panel. The indoor Type VCB enclosure shall be self-supporting, floor mounted, dust & vermin proof with Earthing, padlocks & proper Lifting arrangement with 4mm Galvanized Base for withstanding total load of all equipment. This must be duly Type Tested as per IS:62271-200 Internal Arc Classification Type A (FLR 26.3kA for 1 sec) of safety of the operator. The enclosure of the VCB shall have IP42 degree of protection. VCB unit shall be complete roll on floor type of design for ease of handling & maintenance. Switchgear shall be fully type tested for extended mechanical endurance of M2 class as per IEC 62271. Switchgear shall be E2 and C2 electrical parameter compliance. Each unit of VCB Panel Board should be divided into functional individual compartment such as Bus Bar, Instrument/relay & LT control, Circuit breaker, Cable termination and Instrument transformers (CT, PT). There shall be metallic partitions between individual compartments. All these compartments should have proper access for maintenance & should be segregated from each other by means of earthed metallic sheet steel/safety shutters. Safety shutters should be fully automatic and mechanically interlocked with the movement of the truck assembly having danger plates and pad locking arrangements. It shall have both electrical and mechanical flag indication for Isolate/Test/Service position. The switchgear shall	1

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	be of high quality galvanized sheet steel construction with sheet not less than 2.5 mm thickness (front door, load bearing/structural members/gland plate) and not less than 2 mm thickness for non-load bearing section & shall totally enclosed dust and vermin proof, free standing and floor mounting type. Front door hinges shall be of heavy duty type. High voltage Compartment shall have IP42 and Relay and Metering Compartment: IP52 as per IEC 60529. OEM shall submit complete GTP sheet along with comprehensive test reports as per IEC 62271-100/200 for short-circuit characteristic test, internal arc test, IP test etc.	
1.0	<u>VCBs</u> <u>VCB FUNCTION Type :</u> (Vacuum Circuit Breaker in series with 3 position independent operation disconnecter) 1. Operation of Vacuum Circuit Breaker- Manually operated type 2. VCB short time withstand current at 12kV, 630 A, 26.3KA for 3sec. 3. VCB shall have Impulse with stand capacity of 75KV peak 4. It shall have Short time making capacity of 62.5kA peak 5. VCB shall have PM type partition class & LSC-2B class of loss of service continuity. 6. VCB shall have internal Arc classification of AFLR upto 40kA for 1 sec 7. VCB shall be provided with 3 element (2 Over current & 1 Earth Fault), self powered Electronic numerical protection relay, Type-DPX- V5 or equivalent with Modbus RS485 communication port for future integration with SCADA system. It shall be IDMT based, password protected & shall store 20 trip data with date & time stamping. 8. Each panel shall be provided with Master Trip or Lockout Relay. 9. Auxiliary Relay 10. Trip Circuit Supervision Relay 11. Over & Under voltage relay (for incomer only) 12. Annunciator module – 9 window. 13. Multi-function Meter with RS485 communication port for measurement of I, V, Power, Energy, PF, Frequency, THD. It shall have accuracy Class 0.5s. Secondary CT ratio of 5/1A, 128 sample rate & shall be 96x96 flush mounted. 14. CTs: CTR : 30-75-150/1 A, 2.5 VA Class -5P10 15. 1 No Disconnector Switch. Open, Close, Earth 16. 1 No Vacuum Circuit Breaker 17. 1 No Emergency Push button 18. Shunt Trip Coil rating- 230V AC 19. Power Pack with 230V ac output for emergency tripping. 20. Space heater with thermostat	

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(b) **Compact Sub station (01 No 1000 KVA with 01 VCB). Qty 02 Nos**

(Preferable Dimension 3500 mm (L) 2400 mm (W) X 2600 (H))

Sl.No.	Description	Qty.
A.	Outdoor Type Package Substation (PSS) with facility for internal lighting, Earthing, padlocks & proper Lifting arrangement with 4mm Galvanized Base for withstanding total load of all equipment. PSS must be duly Type Tested as per IS:62271-202 Internal Arc Type A & Type B for safety of the operator , K10 Temperature class & IK10 for Mechanical Impact on PSS. Connection between RMU & transformer shall be using 3 nos. 1C X 95 sq.mm. Aluminium un-armored (E) XLPE cable and Connections from Transformer to LT Panel shall be by Copper Busbar . All the HT & LT components in the CSS/PSS shall be from same OEM as the CSS/PSS itself. HT & LT shall be of similar make to have protection fault co-ordination & OEM shall provide commissioning support for both HT & LT relay.	1
1.0	<u>ENCLOSURE</u> Enclosure with canopy type design with 2mm thick Galvanized Enclosure shall have IP54 degree of protection for HT & LT Switchgear Compartment & IP34 degree of protection for Transformer Compartment. The Enclosure exterior shall be powder coated with Epoxy based paint. HT & LT compartment will be provided with the door and pad locking arrangement. Transformer Compartment will be provided with Cover. The Compartment illumination lamp with door operated switch shall be provided for HT and LT compartment. Lifting (Bucket) arrangement shall be provided with each PSS.	1
2.0	<u>HT Section :</u>	
2.1	<u>RMU – LBS (Load Break Switch)(Manual) – 01 No and VCB (Qty : 01 No) with Copper BUSBAR</u> <u>LOAD BREAK SWITCH Function Type :</u> The line unit consists of a switch disconnecter and an earthing switch 1. Cable switch 11 kV, 630 A, 21 kA for 3 sec . 2. Operating mechanism_ MANUAL 3.Cable bushing 630 A. 5.Cable cover standard. 6.Capacitive voltage indication fixed type – LED display. 7.ON, OFF, EARTH indication on the front mimic of the panel. 8.Cable box for termination of cable up to 300 sq. mm. 9.Cable entry bottom, front. 10. Operating handle with pad locking arrangement 11. Load breaking & fault making inside SF6 tank <u>VCB FUNCTION Type :</u> (Vacuum Circuit Breaker in series with 3 position independent operation disconnecter) 1. Operation of Vacuum Circuit Breaker- Manual.	1

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	2. Vacuum Circuit Breaker-11kV, 630 A, 21 KA for 3sec. 3. Self Powered Electronic numerical over current protection relay 4. CTs : CTR : 30-75-150/1 A, 2.5 VA Class - 5P10 5. 1 No Disconnect Switch. Open, Close, Earth 6. 1 No Vacuum Circuit Breaker 7. 1 No Emergency Push button- Provided 8. Shunt Trip Coil rating- 230V AC 9. VCB in SF6 tank 10. Making capacity of 52kA peak RMU ACCESSORIES : 1. Manual Operating Handle – 1 No. 2. Standard Manometer for SF6 gas pressure indication without remote contacts. 3. Right Angled Cable Boots suitable for 3 Run x 1 C x 95 Sq. mm for VCB	
2.2	1000 KVA TRANSFORMER (Cast Resin Dry Type) : 1000 KVA, 6KV/0.415KV, Dyn11, 3-ph, 50Hz, Copper wound, Cast Resin Dry type Transformer with Off Load tap link with tapping +5% to -5% in steps of 2.5%, Impedance 5%(IS TOL.). Insulation class -F, with WTI, Surge Arrestor, alarm & trip contact. Losses as per ECBC 2017, Latest amendment. As per IS-11171. (BEE Star Rated Energy Efficient Amorphous Core Transformer)	1
3.0	LT SECTION	
	LT Busbar - Main Bus bar are of Copper (1.6A/sq.mm) provided between Transformer & LT Incomer Connection along with Copper flexible Busbar, Voltage Rating- 433V, Current Rating- 2000 A	
	ACB : 2000A, 4P Ics=100% Icu=Icw=50kA for 1 sec Manual Fixed Type, self powered type Micro processor based IDMT release with O/L, E/F, S/C & Neutral O/L Protection, 3line LED/LCD display for 3ph running current, Neutral current, percentage loading, 20 trip records, thermal memory. Individual LED indication for Power ON, O/L, S/C, Inst., E/F, Neutral and Trip. ACB terminals shall be with silver plated copper.	1
	MFM with RS485 communication port for measurement of I, V, Power, Energy, PF, Frequency, THD. Sample rate 128 sample/cycle. It shall have accuracy Class 0.5s. Secondary CT ratio of 5/1A, 128 sample rate & shall be 96x96 flush mounted.	1
	LT CT 2000/5A, 5VA Class 1.0	3
4.0	Electrical Items:	
	MCB, DP, 6A, 230VAC	2
	MCB, TP, 6A, 230VAC	1
	Limit switch -1NO+1NC	4
	Heater, 80W, 230VAC	2
	Thermostat, 30°C-90°C	2
	230 V AC, Phase Indicator LED Lamp R, Y, B.	3
	230V AC. ON-OFF-TRIP Indication LED	3
	Illumination Lamp	2
	Plug & Socket, 16A, 3-pin with switch	1
5.0	Accessories:	

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	HT Sleeving.	3
	Cable XLP- 95mm ² Lug	3
	Aluminum XLPE cable (3x 1core x95 sq.mm)	3
6.0	User's manual with as made drawing .	1

(c) **LT Distribution panel with bus coupler(Qty : 01 No)** Supply of microprocessor based power distribution panel Indoor type floor mounted LT ACB with 2000A copper bus bar and R,Y,B LED Indication Lamp, Analogue Type Voltmeter, Ammeter & Digital multifunction Meter consisting of All ACBs shall conform to IEC 60947-2 & shall submit latest report.

(i) **Incomer** : 2000A , 4P Ics=100% Icu=Icw=50kA for 1 sec Manual drawout Type, self-powered type Micro processor based IDMT release with O/L, E/F, S/C & Neutral O/L Protection, 3line LED/LCD display for 3ph running current, Neutral current, percentage loading , 20 trip records, thermal memory. Individual LED indication for Power ON, O/L, S/C, Inst., E/F, Neutral and Trip. ACB terminals shall be with silver plated copper. **(02 nos)**

(ii) **Bus-coupler** : 2000 A LT ACB same as incomers. **(Qty : 01 No)**, Incomers & bus-coupler shall be interlocked with Lock-key arrangement.

(iii) **Outings**: 1250A , 4P Ics=100% Icu=Icw=50kA for 1 sec Manual drawout Type, self-powered type Micro processor based IDMT release with O/L, E/F, S/C & Neutral O/L Protection, 3line LED/LCD display for 3ph running current, Neutral current, percentage loading , 20 trip records, thermal memory. Individual LED indication for Power ON, O/L, S/C, Inst., E/F, Neutral and Trip. ACB terminals shall be with silver plated copper **(Qty : 08 Nos)**.

(iv) Multi-function Meter shall be with RS485 communication port for measurement of I,V, Power, Energy, PF, Frequency, THD. It shall have accuracy Class 0.5s. Secondary CT ratio of 5/1A, 128 sample rate & shall be 96x96 flush mounted for each outgoing.

GENERAL SPECIFICATION

(v) Sheet Metal 1.6 mm CRCA Sheet

(vi) Mounting Floor mounted/WALL.

(vii) Construction Indoor, cubicle type, compartmentalized/Non-Compartmentalized,

(viii) Colour 7 tanks treated Phosphates Powder coated

(ix) Colour Shade Siemens Grey, RAL 7032,

(x) Busbar Suitable rating of 4 strip 415V, CU. bus bar, with heat colour coded H.S Sleeves

(xi) Bus support DMC/SMC Insulator.

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- (xii) Cable Entry Bottom /TOP
- (xiii) Door Lock Rotary turn Panel lock considered for each door..
- (xiv) Gasket Synthetic Rubber Gasket
- (xv) Inscription Feeder inscription name plate with the detail Location will be provided. Indication R/Y/B LED type Indication with legend as per Bill of material.

(d) **Supply of outdoor type Floor Mounted Microprocessor Based 4 Pole MCCB DB Panel(qty : 10 nos)** with 1600 A copper bus bar R,Y,B LED Indication Lamp, Analogue Type Voltmeter, Ammeter & Digital multifunction Meter :

Technical specifications:

All MCCB shall be current limiting type with opening time less than 20msec. All MCCB shall be fixed mounted. MCCBs shall be provided with silver plated copper spreader terminals for proper cable termination and extended operating handle with door interlocking facility. All MCCBs shall conform to IEC 60947-2 & shall be true 4 pole type with suitability for isolation making for human safety. All MCCBs shall be supplied with microprocessor-based O/L, S/C, E/F & Neutral O/L protection, thermal memory.

Multi-function Meter shall be with RS485 communication port for measurement of I,V, Power, Energy, PF, Frequency, THD. It shall have accuracy Class 0.5s. Secondary CT ratio of 5/1A, 128 sample rate & shall be 96x96 flush mounted (for each outgoing).

- (i) 1200A/1250A 4 Pole Micro processor Based LT Main Incomer MCCB.
- (ii) 1000A 4 Pole Micro processor Based LT MCCB outgoing.
- (iii) 200A 4 Pole Micro processor Based LT Main MCCB outgoing(qty : 02 Nos).
- (iv) 100 A 4 Pole Micro processor Based LT Main MCCB outgoing(qty : 02 Nos).

(e) **Supply of outdoor type Floor Mounted Microprocessor Based 4 Pole MCCB DB(for** Panel with 1600 A copper bus bar R,Y,B LED Indication Lamp, Analogue Type Voltmeter, Ammeter & Digital multifunction Meter.

Technical specification:

All MCCB shall be current limiting type with opening time less than 20msec. All MCCB shall be fixed mounted. MCCBs shall be provided with silver plated copper spreader terminals for proper cable termination and extended operating handle with door interlocking facility. All MCCBs shall conform to IEC 60947-2 & shall be true 4 pole type with suitability for isolation making for human safety. All MCCBs shall be supplied with microprocessor-based O/L, S/C, E/F & Neutral O/L protection, thermal memory.

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Multi-function Meter shall be with RS485 communication port for measurement of I,V, Power, Energy, PF, Frequency, THD. It shall have accuracy Class 0.5s. Secondary CT ratio of 5/1A, 128 sample rate & shall be 96x96 flush mounted (for each outgoing).

- (i) 1200A/1250A 4 Pole Micro processor Based LT Main Incomer MCCB(Qty : 01 No)
- (ii) 400 A 4 Pole Micro processor Based LT Main MCCB(Qty : 02 Nos) outgoing.
- (iii) 200 A 4 Pole Micro processor Based LT Main MCCB(Qty : 03 No) outgoing.

(f) **Supply of Microprocessor Based outdoor type floor Mounted type MCCB Panel with 200 A copper bus bar consists of(Qty : 01 No):-**

Technical specification:

All MCCB shall be current limiting type with opening time less than 20msec. All MCCB shall be fixed mounted. MCCBs shall be provided with silver plated copper spreader terminals for proper cable termination and extended operating handle with door interlocking facility. All MCCBs shall conform to IEC 60947-2 & shall be true 4 pole type with suitability for isolation making for human safety. All MCCBs shall be supplied with microprocessor-based O/L, S/C, E/F & Neutral O/L protection, thermal memory.

Multi-function Meter for incomer only, shall be with RS485 communication port for measurement of I,V, Power, Energy, PF, Frequency, THD. It shall have accuracy Class 0.5s. Secondary CT ratio of 5/1A, 128 sample rate & shall be 96x96 flush mounted.

- (iii) 200 A 4 Pole Microprocessor Based MCCB Incomer
- (iv) 100 A 4 Pole Microprocessor Based MCCB outgoing(Qty :04 Nos)
- (v) 63 A 4 pole Microprocessor Based MCCB Outgoing (04 Nos).

(g) **Laying of cable along with end terminations(To be laid down as per IE rule).**

(i) **HT cable.**

(aa) One 200 mtr cable to be laid from Compact Substation to Pump house for 6000V pumps control panel through underground.

(ab) 100 m cable to be laid inside the sub-station.

(ii) **LT cable.** From LT room to following locations two cables(3.5 sq 300 sq mm) to be laid through underground from Substation :-

(aa) Dry Dock (108 mtr dry dock) – approx. 200 m through **three** DBs.

(ab) Dry Dock (162 mtr dry dock, Island area) – approx. 200 m through **two** DBs.

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- (ac) Dry Dock (162 mtr dry dock, Island area) – approx. 170 m through **two** DBs.
- (ad) Dock No 13 through **three** DBs Approx 250 mtr.
- (ae) Crane DB at Island area through SR Dept Office .Approx. 200 mtr
- (ae) Lighting / Office DB – 20 mtr.
- (af) Pump house – Approx. 200 mtr .
- (iii) Laying of cable 3.5 C X 70 sq mm armored Al cable with end termination from DBs / Sub station.
 - (a) Capstan Rooms – 06 Nos
 - (b) Office Room – 01 No
 - (c) Pumps -02 nos

Note. All End terminations materials also included in the scope of work.

- (h) **Earthing.** To be carried out as per IE standard.
- (i) **Standards.**
 - (i) Requirement of National Electrical code.
 - (ii) Requirement of Indian Electricity Rules.
- (j) **Construction of all panels details.** MCCB enclosure should be fabricated out of 2 mm CRCA Sheet steel with IP 65 protection. Panel shall be outdoor type, self-standing, dust and vermin proof construction with integral ISMC base channel suitable for bottom entry of cables. Panel shall have corrosion proof construction totally sheet metal enclosed, compartmentalized cubicle design with front operating access & back access for maintenance and power cabling only. Sheet metal shall be CRCA minimum 2.0 mm thick. Interior colour finish shall be off white whereas outside shall be pebble gray. All incoming / outgoing feeder to be MCCB with microprocessor base tripping mechanism with Cu busbar as mentioned above. All panels to be painted with RAL 7032 light grey colour. All panels to be fitted on Concreate platform (Vendor to prepare concrete platform of 06 ft X 04 ft X 11/2 ft).
- (k) **AFPC(QTY : 02 Nos)** . Each to contain following :-
 - (a) **General specification**
 - (i) Sheet Metal : 2.0 mm CRCA Sheet & 2mm for Gland Plate
 - (ii) Mounting : Floor Mounted.
 - (iii) Construction : 7 tanks treated Phosphates Powder coated
 - (iv) Colour Shade : Siemens Grey

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- (v) Bus bar : Suitable rating of 4 strip 415V,AL. bus bar, with heat colour coded H.S Sleeves
- (vi) Bus Support : DMC/SMC Insulator
- (vii) Cable entry : Top / Bottom
- (viii) Door Lock : Rotary turn Panel lock considered for each door
- (ix) Gasket : Synthetic Rubber Gasket
- (x) Inscription : Feeder inscription name plate with the detail Location will be provided.
- (xi) Indication : R/Y/B LED type Indication with legend as per Bill of material
- (xii) APFC Relay shall be 3 CT input type having 12 stages with 4 quadrant operation for future installation of Solar Power Source. It shall display 3ph current & voltage and Power Factor upto 3rd decimal. It shall also record and display harmonics current upto 31st order. APFC relay shall have RS485 communication port to integrate with energy management system in future to capture online PF & harmonics.
- (xiii) Capacitors shall be ultra heavy duty cylindrical type with APP technology rated at 480Vac without any derating in its kVAR output. It shall have over current withstand capacity of 3 x In and peak inrush current of 500 x In. Capacitor shall be able to operate at maximum temp. upto 65°C. Capacitor shall have operating watt loss less than 0.45W/kVAr. It shall be provided with discharge resistors for safer operation.
- (xiv) 7% detuned copper reactors shall be provided in series with Capacitors to protect the Capacitors from harmonics current. It shall have class-H insulation, 180% linearity & thermal cut-off function.
- (xv) Capacitor duty contactor AC-6b duty class, shall be provided for switching of Capacitors in APFC panel.

(b) **Other details .**

- (i) 800A 3P 50KA MCCB : 01 No
- (ii) Indication lamp (RYB) -01 Set
- (iii) DIGITAL AMMETER 96X96 SQMM FLUSH MOUNTIN G0-800A -01 No
- (iv) VOLTMETERSELECTOR SWITCH : 01 No
- (v) 12 STAGE APFC RELAY -01 No
- (vi) Exhaust fans
- (vii) CT , MCCB as per panel requirement
- (viii) 25 KVAR Capacitors bank with accessories -04 set

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- (ix) 50 KVAR Capacitor bank with accessories – 02 Nos
 - (x) 100 KVAR Capacitors banks with accessories – 02 Nos
 - (xi) All the components like MCCB, Contactor, Capacitor, reactor & APFC relay shall be of make for service guarantee from the OEM & to have single point of contact.
- (j) **Single line diagram.** Large Single line diagram is required to display inside power house.

(B) **PROVISION OF LIGHT , FAN AND OTHER ARRANGEMENTS.**

- (a) **Lighting and fan arrangement.** Following items to be provided as per indicated places by GRSE(all materials included) :-
 - (i) 100 nos tube lights(Power failure back up for 04 hours) .
 - (ii) 04 nos branded Ceiling fan.
 - (iii) 12 nos 15 A industrial switch sockets .
 - (iv) All lights/ fan on / off switches to be controlled by 10 nos switch boards. Boards also to have 05 A five pin sockets.
 - (v) Branded cable with 4 sq mm for main line and 1.5 sq mm for distribution system to be used.
 - (vi) Cables to be run with casing capping system.
 - (vii) 08 nos 400 W LED light(IP 65) for outside illumination.
 - (viii) 08 nos 12 inch exhaust fan.
- (b) **Fire Safety Signs.** The Signs shall have capacity to absorb light in the course of normal working day and glow in the dark once the lights have gone out. It Shall be used for guiding employees and visitors and rescue team for evacuation. It Shall also ensure the path for locating nearest fire extinguisher.
- (c) **Escape Route Marking Signs.** These signs shall serve as clear indicators of Fire Exits on the premises in case of an emergency.
- (d) The selected bidder shall submit a complete set of :-
 - (i) Floor Layout Drawings,
 - (ii) Structural and Electrical Lay out drawing
 - (iii) Single Line diagram.
 - (iv) Complete cabling system layout (as installed), including cable routing.
 - (v) The layout shall detail locations of all components and indicate all wiring pathways.

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(e) The bidder shall be responsible for preparing process documentation related to the operation and maintenance of each and every component of the HT substation

(h) The prepared process document shall be formally signed off by GRSE technical committee before completion of final acceptance test.

(f) The selected bidder shall document all the installation and commissioning procedures and provide the same to GRSE, within one week of the commissioning of HT substation along with final configuration and implemented solution details.

(g) The owner of every installation of voltage exceeding 250V shall affix permanently in a conspicuous position a danger notice in Hindi or English and the local language of the District, with a sign of skull and bones of a design as per IS -2551 on every motor, generator, transformer and other electrical plant and equipment together with apparatus.

(h) **First aid box**. One first box to be provided.

(i) Address and contact number of the nearest Doctor, Hospital with a facility for first-aid treatment for electric shock and burns, ambulance service and fire service shall be prominently displayed near the electric shock treatment chart in control room and operator cabin.

(j) **Hand held Fire Extinguishers**. 10 Nos Handheld fire extinguishers shall be provided to suppress small, local fire outbreak. CO2 extinguisher (04 nos) & DCP (04 nos) to be provided. 04 Nos fire bucket to be placed.

(k) **Display of instructions for resuscitation of persons suffering from electric shock**. English, Hindi and Bengali the resuscitation of persons suffering from electric shock, shall be affixed.

(l) **Protection against lightning**. To be provided.

(m) **Fire Detection System**. One FDS with minimum 08 sensors(as indicated by GRSE) and 05 manual call points to be installed in all the four rooms.

(n) Fencing to be provided around substation and properly earthed with displaying danger sign. Restricted entry board to be fitted and authorized employees name to be displayed.

(o) **415/ 110 V, 10 KVA, 3 Ph Transformer** – 06 Nos Transformers to be provided for ship's temporary lighting system. All transformer to be placed adjoined to Distribution panels platform.

Note. All dimensions of equipment are preferable, however may be minor alter during execution of job. Installation and subsequent proving of All items(VCB

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enclosure, CSS , LT distribution panel, DBs etc) are to be carried as per IE rule.

(C) **CIVIL WORK.**

Construction of four room with 5 mX 6.3 m (for CESC) , 13 mX 6.3 m (HT room) , 8m X 6.3m (LT room) and ES & CM Office (3 m X 6.3 m) with 05 m height)

The work primarily involves **construction of 04 (four) nos. room with RCC Framed Structure adjacently as CESC Room, HT room, LT Room and Office Room** along with Rolling shutter, Door/Window/Ventilator/Emergency Exit with chajja, covered Cable trench, Lifting facility, Ramp, MS ladder up to roof, Parapet wall etc. at the designated location inside the premises of GRSE/KPDD Unit at Pan Bazar for installation of Panels.

Room Specification :-

- **CESC Room** – The Size of the room is 5mx6.3mx5m (LxBxH) along with 1No. Rolling shutter (Size – 3mx3m), 1No. louvered Ventilator (Size – 1.2mx0.6m) and an emergency exit with MS Door (Size – 1mx2.1m).
- **HT Room** - The Size of the room is 13mx6.3mx5m (LxBxH) along with 3Nos. Rolling shutter (Size – 3mx3m), 2Nos. louver Ventilator (Size – 1.2mx0.6m) made of aluminium and an emergency exit of MS Door (Size – 1mx2.1m).
- **LT Room** - The Size of the room is 8mx6.3mx5m (LxBxH) along with 2Nos. Rolling shutter (Size – 3mx3m), 2Nos. louver Ventilator (Size – 1.2mx0.6m) made of aluminium and an emergency exit of MS Door (Size – 1mx2.1m).
- **Office Room** - The Size of the room is 3mx6.3mx5m (LxBxH) along with 1 No. Wooden Flush Door (Size – 1.2mx2.1m), 2Nos. Windows (Size – 1.2mx0.9m).
- **All the dimensions specified above are provisional and may be changed based on the requirement/site condition as finalized by EIC.**

Scope of work & Technical specification covered under this tender broadly comprises of following: -

- a) Detail surveying and Preparation of drawing and designing as mentioned below are required for the construction of the 04(four) nos. rooms to meet the objectives as specified: -
 - i) GA drawing
 - ii) All Civil drawing (Plan, Elevation, Section etc.) and detailing
 - iii) Structural Design, Drawing and detailing for single storey building with future extendable vertically up to one additional floor
 - iv) Approval of final design & drawing (civil & structural) from Competent Authority of KOPT/KMC or other concerned authority of Govt. of West Bengal, which is applicable.
- b) Temporary barricading of working site with metal sheet for safety purpose.

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- c) Supplying, fitting and fixing steel rolling shutter as per requirement.
- d) Provision of Flush door and Aluminum Windows at Office Room.
- e) Primer & Painting on wall & metal surface.
- f) Provision for rain water pipes.
- g) All equipment and machinery including consumables necessary for the construction, fabrication & erection are to be arranged by the contractor.
- h) Pumping out of water, if required, during work to be arranged by vendor.
- i) Cutting and trimming of trees, if required, to be done by the vendor.
- j) Any other related Civil works for successful completion of the project.
- k) **Site Clearance:** -
 - (i) Taking out all unsalvageable, discarded material/items, all debris/waste as generated during execution of work and also misc. loose items lying inside the working site of GRSE premises (as per prevailing rules of GRSE) progressively and segregating & shifting the salvageable materials (metal and wood) within the GRSE premises in the designated area.
 - (ii) Timely disposal of debris in environmentally sound manner abiding by prevailing Municipal Solid Wastes Rules of Municipal Corporation & get appropriate clearance from the local authority, as applicable.
- l) Any damages of underground service lines/electrical lines etc. caused during execution of work are to be repaired by the vendor without any extra amount paid by GRSE.
- m) Defect Liability of 12 (twelve) months against defective material, workmanship, quality for material supplied for the executed work is applicable.

TECHNICAL SPECIFICATIONS

A. Earth Work

- a. Earth work in excavation of foundation, trenches or drains, in all sorts of soil (including mixed soil) including removing, spreading or stacking the spoils within a lead of 75 m. as directed.
- b. Earth work in filling in foundation trenches or plinth with good earth, in layers not exceeding 150 mm. including watering and ramming etc. layer by layer complete.
- c. Filling in foundation or plinth by fine sand in layers not exceeding 150 mm as directed and consolidating the same by thorough saturation with water, ramming complete including the cost of supply of sand.

B. Concreting Work

- a. The Contractor shall use nominal concrete mixes described as 1:2:4, 1:1.5:3 etc. (The figures denote the relative proportions of cement, dry sand and graded stone aggregate respectively) including all labour, materials, equipment and incidentals required for proper execution and completion of all concrete work as specified in IS 456(Latest edition) and latest PWD schedule, West Bengal.

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- b. The Contractor shall not pour any concrete unless and until the representatives of the EIC have inspected the formwork, reinforcing steel and inserts and sleeves if any and given permission to place concrete.
- c. Portland Pozzolana Cement (Grade-53) conforming to IS: 1489 (Part-I) (Fly ash based) to be used.
- d. Shuttering shall be steel shuttering or 9 to 12 mm thick approved quality ply board shuttering at all locations for all shapes etc in all complete including de-shuttering of the same after specified period without damaging the concrete works as directed by Engineer-in charge, etc. Providing and applying approved form oil on all surfaces of formwork coming in contact with concrete as per specifications and drawings and as directed by Engineer in-charge. Shuttering shall be of leakproof.
- e. Each layer of concrete shall be compacted with vibrator fully before the succeeding layer is placed.
- f. All concrete work shall be water cured for a minimum period of 7 days after concreting or as directed by Engineer-in charge.

C. Steel Reinforcement:

Supplying TOR steel reinforcement (of approved manufacturer) of tested quality of any diameter up to 32mm dia. minimum Fe 500 confirming to IS:1786 for reinforced concrete work in all sorts of structures at all depth and height including distribution bars, stirrups, binders etc. initial straightening and removal of loose rust (if necessary), cutting to requisite length, hooking and bending to correct shape, placing in proper position and binding with 16 gauge black annealed wire at every intersection, complete as per drawing and direction.

D. Structural Steel Work

- a. All steel and other materials used for steelwork and in association with steel work shall confirm to the appropriate Indian Standard. All structural steel shall be of tested quality.
- b. Mild steel shall conform to IS: 2026 Grade –‘A’ for rolled sections and plates.
- c. All structural steel shall be free from rust, scales, lamination, cracks, fissures and other surface defects.
- d. All fabrication of structural steelwork shall be in accordance with IS: 800 and as per the approved drawings unless otherwise specified. The tolerances of fabrication of steel structures shall be in accordance with IS: 7215 unless otherwise specified.
- e. Fabrication and erection of steel structure (If Structural Steel Section or Hollow Section is supplied by GRSE, rate of recovery **@Rs.51,900/ton or applicable latest GRSE recovery** issue rate from the Bill)

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E. Masonry / Brickwork

- a. Single Brick Flat Soling of picked jhama bricks including ramming and dressing bed to proper level and filling joints with local sand below footings, floor and wherever required as directed by EIC.
- b. The thickness of walls of all the rooms will be 250mm thick in sub structure, super structure, parapet up to 900mm height etc..
- c. The bricks shall be locally available kiln burnt 1st class bricks of generally regular and uniform size, shape & colour, uniformly well burn but not over burnt.
- d. The size of brick shall normally 230 mm x 115 mm x 75 mm. Bricks of one standard size shall be used on one work unless specially permitted by the Engineer.
- e. After immersion in water, absorption by weight shall not be exceeding 20% of dry weight of the brick when tested according to IS 1077 of latest edition. Unless otherwise specified the load to crush the brick when tested according to IS 1077 of latest edition shall not be less than 75 Kg/Sq.cm.
- f. Prior approval of Engineer shall be obtained for the brands of bricks to be used in the work after compliance with the above specifications/tests.
- g. Unless otherwise specified, mortar for brick work shall be composed of 1:4 ratio i.e. 1 part of cement to 4 parts of sand.

F. Flooring Work

- a. 25mm. thick damp proof course with cement concrete with stone chips (1:1.5:3) [with graded stone aggregate 10 mm nominal size] and admixture of water proofing compound.
- b. RCC flooring of thickness 125mm with Artificial stone in floor, dado etc. with cement concrete (1:2:4) with stone chips, laid in panels as directed with topping made with ordinary cement and marble dust in proportion (1:2) including smooth finishing and rounding off corners including raking out joints or roughening of concrete surface and application of cement slurry before flooring works using cement @ 1.75 kg/sq.m all complete including all materials and labour.
- c. Flooring of Office Room with 1st quality Ceramic tiles in floor, skirting etc.
- d. Neat cement punning about 1.5mm thick in wall, dado, window sill, floor etc.

G. Plastering Work

Plaster (to wall, floor, ceiling etc.) with sand and cement mortar including rounding off or chamfering corners as directed and raking out joints including throating, nosing and drip course, scaffolding/staging where necessary: - With 1:6 cement mortar

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- a. 20 mm thick plaster for exterior wall.
- b. 15 mm thick plaster for interior wall, ceiling.

H. Painting Work

- a) The Exterior and Interior Painting (two or more) on all types of surfaces in accordance with the drawings and Schedule of finishes or as per the guideline explained in IS: 1477, IS: 2395 and as per direction of the Engineer and 'Schedule of Quantities'. Approved Shade card to be finalized by EIC.
- b) All surfaces for painting shall be properly sand papered and cleaned by mechanical buffing and where necessary good quality putty shall be used to hide all holes, cracks, open joints etc.
- c) Paint shall be applied with approved brushes/rollers and surfaces shall be sand papered after every coat. All work when completed shall present a smooth, clean solid and uniform surface, to the satisfaction of the Engineer-in- Charge.
- d) All surfaces for painting, if they are new, should have a coat of suitable primer before application of the paint. Old surfaces where existing paints have been completely worn out owing to long use should also receive a coat of priming before application of fresh painting.
- e) Steel Primer: For steel surface red oxide primer, zinc chromate primer of approved brand and manufacture and as per direction of the Engineer-in-Charge is to be applied on the surface.
- f) Acrylic Primer Coat (solvent based Primer): Acrylic primer coat is to be used as base coat on wall finish of cement, lime or lime cement plaster surface before application of any wall coating e.g. distemper, oil-based paints, synthetic enamel, acrylic emulsion etc. on them.
- g) Enamel Paint: - Enamel paint of approved brand and manufacture shall be used. Each coat shall be allowed to dry for 24 hours and lightly rubbed down with fine grade sand paper and dusted before the next coat is applied. The finished surface shall present an even and uniform appearance. Minimum thickness of paint should be 25µm/coat.
- h) Acrylic Emulsion Paint: - Acrylic emulsion paint is not suitable for application on external surface and surface which are liable to heavy condensation and are be used generally on internal surface. For plastered surfaces a cement priming coat is required before application of acrylic emulsion. Acrylic emulsion paint of approved brand and manufacture and of the required shade shall be used as per the instruction of EIC.
- i) Protective and Decorative Acrylic exterior emulsion paint of approved quality, as per manufacturer's specification and as per direction of Engineer-in-Charge to be applied over acrylic primer as required. The rate includes cost of material, labour, scaffolding and all incidental charges

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I. Provision of Hand Washing facility at Office:-

- a. Supplying, fitting and fixing white vitreous china best quality approved make wash basin with C.I. brackets on 75 mm X 75 mm wooden blocks, C.P. waste fittings of 32 mm dia., one approved quality brass C.P. pillar cock of 15 mm dia., C.P. chain with rubber plug of 30 mm dia., approved quality P.V.C. waste pipe with C.P. nut 32 mm dia., 900 mm long approved quality P.V.C. connection pipe with heavy brass C.P. nut including mending good all damages and painting the brackets with two coats of approved paint.
- b. Supplying, fitting and fixing CPVC/uPVC pipes of approved make conforming to IS-15778: 2007 . with all necessary accessories, specials viz. socket, bend, tee, union, cross, elbo, nipple, longscrew, reducing socket, reducing tee, short piece etc. fitted with holder bats clamps, including cutting pipes, fitting, fixing etc. complete in all respect including cost of all necessary fittings as required, jointing materials in any position above ground.

J. Drainage & pipeline work :-

Proper drainage to be provided for discharging of rain water from roof, waste water from basin etc. with necessary PVC pipeline, Masonry Pits etc. and all the lines to be connected to nearby drains as instructed by EIC.

K. Approved Make / Brand

Item	Make / Brand
Cement	Lafarge / ACC / Ultratech or equivalent as approved by Engineer
Reinforcement Steel	TISCO / SAIL / ESSAR / RINL/ SRMB or equivalent as approved by Engineer.
Structural Steel	SAIL / TATA / JINDAL / equivalent as approved by Engineer
Paint	Asian Paints / Berger / ICI / Nerolac or equivalent as approved by Engineer
Glass	Saint Gobain / Modi Guard /Asahi India Glass Ltd.
Tiles	Kajaria, Johnson, Somany/ equivalent as approved by Engineer
PVC Pipeline	Supreme, Astral, Skipper or equivalent as approved by Engineer
Plumbing Fittings	Hindware, Parryware, Neycer or equivalent as approved by Engineer

B. **General Requirements.** The Contractor shall carry out a detailed survey on site (**at Khiderpore Dock , Panbazar**) for finalisation of extent of work. The Contractor will be responsible for overall site management and coordination of site

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activities within the boundary of the works, as necessary to ensure the adequacy, stability and safety of the works and of persons at the site. The contractor is required to plan his work in coordination with on-going production activities of GRSE, other contractors working in and around the workplace. The contractor shall take all necessary work permit from concern Dept. of GRSE (i.e. Safety, Fire etc.) as applicable in line with prevailing rules in GRSE. The contractor shall take all precautionary measures in consultation with GRSE Safety Dept. while working at height during dismantling, construction painting etc. The submission to and comment/acceptance by the Engineer of such programmes, methods, drawings, designs shall not relieve the Contractor of any of his duties or responsibilities under the Contract.

C. Testing of Materials and Acceptance

(i) The Contractor shall submit valid correlated test certificates conforming to applicable standards for materials/items before incorporation in the permanent works. Unless stipulated otherwise in the Contract, the cost of any test required by the Engineer or his representative in respect of materials and workmanship deployed on the work shall be borne by the Contractor.

(ii) **For Site inspection**, the Contractor shall give adequate notice to the DGM(ES)/ JM(ES) or Officers (authorised representative of GRSE). The Contractor shall provide the DGM (ES &CM)/Officers (authorised representative of GRSE) with proper free and safe access to the Contractor's works and stores or his sub-contractor's works and stores at all times and shall provide reasonable facilities to enable him to undertake his inspection. The Contractor shall make all necessary arrangements to enable stage inspections by the DGM(ES) Officers (authorised representative of GRSE). The DGM(ES)/ Officers (authorised representative of GRSE) shall have power to certify or disapprove/reject works or materials, in accordance with the Conditions of Contract.

D. Quality & Workmanship. Quality and workmanship of all items/materials and work shall conform to BOQ /Technical Specification / relevant Indian Standards. The Contractor shall be responsible for any loss/damage during the course of work to machinery, equipment, fittings, wiring, piping, and systems etc. caused by his workman (or his sub contractor's) and the Contractors shall make good such damage free of cost.

E. Materials / Work not acceptable to GRSE. The DGM(ES&CM)/ JM(ES) or authorised representative of GRSE shall have the power to inspect any material and work at any time and to order at any time :—

(a) for removal from the Site of any material which in his opinion is not in accordance with the Contract or the instruction of the DGM (ES &CM)/ JM(ES) or authorised representative of GRSE.

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(b) for the substitution by the proper and suitable materials,
or

(c) the removal and proper re-execution of any work, which in respect of material and workmanship is not in accordance with the Contract or the instructions of the Engineer. The Contractor shall comply with such order at his own expense and within the time specified in the order. If the Contractor fails to comply, the Engineer shall be at liberty to dispose any such materials and re-do any work in the manner convenient to the Engineer by engaging any outside agency at the risk and expense of the Contractor and after giving him a prior written notice of 7 (seven) days. The Contractor shall extend his full assistance as required by the Engineer during inspection.

F. Contractor to Commence Work. The Contractor shall mobilize and commence the work on site on the Commencement Date stated in the LOA/PO. The Contractor shall then proceed with the work with due expedition and without delay, except as may be expressly sanctioned or ordered by the Engineer or his Representative, time being deemed the essence of the Contract on the part of the Contractor.

G. Supervision by the Contractor. The Contractor shall engage experienced and qualified Engineers having Technical qualification {for both civil and electrical(with valid Electrical supervisory License)} at site in day-to-day charge of the work and he should be authorized to receive instructions from the Engineer/GRSE. He shall receive orders given by the Engineer from time to time and shall act on them promptly. The Contractor shall provide necessary and adequate supervision during the execution of the works and as long thereafter as the Engineer or his Representative shall consider necessary during the Defect Liability Period. The Contractor or his competent and authorised agent or representative shall be constantly at site during working hours. The Contractor shall inform the Engineer or his Representative in writing about such representative / agent of him at site. Replacement of any of the authorised agent of the Contractor during the currency of Contract shall only be with prior written approval of the GRSE/ Engineer. The Contractor and his authorised agent or representative shall be readily available to meet with the GRSE and/or Engineer and/or Engineer's Representative and instructions given to him by GRSE or his Representative in writing shall be binding upon the Contractor

H. Setting Out. The Contractor shall be responsible for the true and proper fitting / alignment/ IS Codes in relation to Electrical work as applicable. The checking of any Electrical workmanship by GRSE or his Representative shall not in any way relieve the Contractor of his responsibility for the correctness thereof and he shall fully provide, protect and preserve the setting out of the works. The Contractor shall promptly notify the Engineer of any discrepancy in the Electrical Workmanship.

I. Care of the Work. From the commencement of the works till issue of the

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Completion Certificate hereof; the Contractor shall take full responsibility for the care thereof. Save for the excepted risks, any damage, loss or injury to the work or any part thereof shall be made good by the Contractor at his own cost as per instruction and to the satisfaction of the Engineer, failing which GRSE or his Representative may cause the same to be made good by any other agency and the expenses incurred and certified by the GRSE, shall be recovered from the Contractor.

J. Protection of the Existing Structures / Machines. The Contractor will be responsible for the protection of all existing structures, machines, cranes etc. adjacent to and within the Works from any type of damage. Before the commencement of work, the Contractor to take necessary precautions and measures to safeguard the existing structures/machines/materials and protect them from possible damages. For that the Contractor will arrange adequate safety nets, ropes etc. without any extra cost. If any damage occur by the Contractor or contractor's workmen, will be recovered suitably from the Contractor.

K. Existing Roads & Shop floor or office to be kept clean. Existing roads & floor or office used by vehicles/machineries of the Contractor or any of his subcontractors for supplies of materials or plant shall be kept clean and clear of all dirt, mud or any other materials dropped by the said vehicles or their tyres. The Contractor shall provide and maintain all equipment as may be necessary to keep the Owner's roads clean as required by this Clause. Any damage caused by the Contractor to the surface of the roads or car parks shall be made good at his own cost.

L. Control of Pollution / Health Hazards

The Contractor shall take care to comply with current legislation on the Control of Pollution.

M. Site-In charge / Log Book / Hindrance & other Records

One fully responsible and experienced / Qualified Site-in-charge has to be posted at the site during progress of work.

Details of technical personnel deployed for the job.

Log book for re-work/ modification.

Site instruction book.

Details of materials brought by vendor along with copies of challan.

Proper record of hindrances is to be maintained by the contractor for the purpose of timely removal of the hindrance and is to be put up for approval by the Engineer on weekly basis.

N. Clearance of Site.

During construction work, the Contractor shall remove all unsalvageable dismantled materials, asbestos & translucent sheets, north light glazing, excavated



surplus earth etc. as directed by the Engineer from the site progressively so that construction activities remain unaffected. These materials shall be disposed off to a suitable area (to be arranged by the Contractor in conformity with statutory rules) outside the GRSE premises.

On receiving the Completion Certificate, the Contractor shall remove any remaining Contractor's Equipment, surplus material, scrap materials, wreckage, debris, rubbish and temporary works from the Site or as directed by the Engineer. site shall be handed over in a tidy and workmanship manner. If all these items have not been removed within 28 (twenty-eight) days, after the issue of Completion Certificate the Owner may sell or otherwise dispose of any remaining items. The Owner shall be entitled to be paid the costs incurred in connection with, or attributable to, such sale or disposal and restoring the Site.

O. **Site Condition**

The Tenderer shall consider that accommodation for personnel of the Contractor and their sub-contractors is not allowed to reside at GRSE premises. All the work sites are within the compound of a running engineering works and the Contractor's works will have to be carried out in a manner so as to avoid interruption in the normal shipyard production activities. Accordingly, the Contractor is to co-operate with GRSE to minimize disruption to shipbuilding activities and is to preserve and maintain GRSE vehicular access route for the transport of ship blocks etc.. Tenderer must carefully consider his method of construction and safety of the works in relation to environmental factors and the ground conditions. Before quoting, the Tenderer in his own interest shall carry out site visits to know the site conditions / situations and full implications of the assignment. This will also help him in proper assessment of the work. Failure to do so will not absolve the contractor of his responsibility to carry out the work as specified in the Tender Documents. The cost of visiting the site shall be borne by the Tenderer and shall be at his own responsibility and risk.

P. **Site Consultations**. The work shall be carried out in consultation with the Electrical Department of GRSE headed by Deputy General Manager (ES & CM) or other officers as nominated by him.

Q. **Award of Work** . The work will be executed as a whole without splitting of order.

R. **Details of Tools & Tackles**. All tools & tackles, measuring instruments etc towards execution of job are required to be arrange by vendor within this work order.

3. **DRAWINGS** . The vendor shall be responsible for

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- (a) Preparation of all relevant drawings including layout drawings, SLDs, GA drawings, and schematic diagrams.
- (b) Submission and approval of all documents to consultant thereafter to the client (GRSE) before execution.
- (c) Incorporating any revisions or modifications as required during the review and approval process.
- (d) providing final as-built drawings and documentation upon completion.
- (e) Preparation of Final report along with all certificates.
- (f) Involving Independent Certification Agency(ICA) for Approval of Design, Documents, BOQ, Witness the FAT (Factory Acceptance Report) before dispatch of materials at OEM premises & SAT (Site Acceptance Test) at site during Erection, Testing & Commissioning of the Project.

4. **GRSE SCOPE OF SUPPLY.** Electricity GRSE will provide electrical power supply at one point / suitable location near the construction area / site at free of cost for execution of job. The Contractor shall make necessary arrangements for further distribution, as required, from that point on a temporary basis all at his own cost. The contractor shall ensure consumption of power in very economical way to save energy. Construction water will be provided at free of cost from existing source of GRSE. Water, compressed air and lifting apparatus will be provided by GRSE free of cost. However firm requirement to be projected well in advance.

5. **CONTRACT'S SCOPE OF SUPPLY.** Apart from para 2 i.e. contractor's scope of work materials required for laying, securing , termination , glanding, resting of cables as per IE rules to be within the scope of contractors. All concrete materials, iron metal required for concrete job to be catered within the scope of contractors.

6. **JOB EXECUTION/ COMPLTION SCHEDULE.** Completion period of the entire scope of work under this tender shall be **180 calendar days from the date of issuance of LOI/PO.** The tenderer must submit a network schedule explaining planning and program in detail for execution of the project. During execution of work the contractor shall ensure the timely mobilization of their equipment, adequate manpower and materials based on agreed work schedule / milestones. The contractor shall adopt necessary measures to avoid any delay in work progress. In case of interim delay, the contractor shall augment more manpower and also work during extended working hours / holidays to catch up the delay.

7. **WORK DONE CERTIFICATION**

- (a) Material acceptance certificate (GR)/ Job completion Certificate (Service entry) will be issued by JM(ES) & DGM(ES & CM) in OBPS portal. On site (KPDD, PAN BAZAR , GRSE area) receiving of material/ completion of job to be certified by GRSE nominated Officer.

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(b) **Stage for issuance of work done / acceptance of material are as follows :-**

(i) **Civil Job.**

(aa) Stage – I (20 % of sl (1) of SOTR para 2). On completion of plinth area.

(ab) Stage -II (30 % of sl (1) of SOTR para 2). On completion of before roof area.

(ac) Stage -III. (40 % of sl (1) of SOTR para 2). On completion of Building.

(ad) Stage -IV. Balance 10% of (sl (1) of SOTR para 2) with applicable GST shall be paid after completion of 12 months defect liability period and post liquidation of all guarantee liabilities.

(ii) **For Supply of electrical materials:**

(aa) **Material.**

(aaa) 70% value of supply each items (items Serial Nos. 02 to 18 of SOTR para 2) with applicable GST.

(aab) 20% value of supply items (items Serial Nos. 02 to 18 of SOTR para 2) with applicable GST shall be paid after completion of entire project .

(aac) Balance 10% with applicable GST shall be paid after completion of 12 months defect liability period and post liquidation of all guarantee liabilities.

(ab) **Completion of service jobs:**

(aaa) 90% value with applicable GST for completion of service jobs (items Serial Nos 19 to 30 of SOTR para 2) shall be paid on completion of entire project.

(aab) Balance 10% with applicable GST shall be paid after completion of 12 months defect liability period and post liquidation of all guarantee liabilities.

8. **TECHNICAL ELIGIBILITY CRITERIA.**

(a) **Civil Work experience.** For associated civil works the vendor may establish Joint venture or consortium with other competent vendor having experience of construction / erection of building / structure in last 05 years.

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(b) Experience of the firm. Vendor should have successfully executed following within the **last 05 years** (from the date issuance of Tender) in Govt/ PSU/ Govt undertaking/organization/ large scale Industries :-

- (i) Supply/ laying of cable (**not below 300 sq mm**).
- (ii) **Job experience of minimum 06 KV substation** for repair / installation/ maintenance.
- (iii) Experience on supply / installation of minimum **500 KVA capacity Transformer/ 500 KVA capacity compact substation.**

(c) At least one documentary evidence in the form of Purchase orders / Work Orders / contracts **along with completion certificates** to be attached for each serials (a) and (b) above.

(d) Valid vendor's **electrical contractor's Licence**. Documents to be attached.

(e) Valid **electrical Supervisor licence** (either owner or vendor's employee) for "**underground cables exceeding 1100 volts up to 33000 volts**" (Govt of West Bengal Form B serial 7B or equivalent refers). **Evidence** documents to be attached.

(f) Office **in and around Kolkata** area (within approx. 70(seventy) km). Documents to be attached.

(g) **PERT chart** indicating details of job completion on weekly basis. Documents to be attached.

Note. The Tenderer shall submit necessary supporting documents for experience as per technical eligibility criteria documents along with their bids. Additional documents as per requirement of online bidding system also to be uploaded while submission of bid. Due care to be taken on the aspects. Non/ incomplete submission of requisite document(s) through online bidding system may cause rejection of bid at any stage. **Upload only relevant documents as mentioned in bid.**

9. **QUALITY CONTROL /INSPECTION AUTHORITY.** DGM (ES &CM) or his nominated officer / JM(ES) is authorised to carry out quality control / inspection on behalf of GRSE.

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10. **GUARANTEE APPLICABILITY**. The work executed including equipment or components thereof are to be guaranteed for satisfactory performance (design, engineering, materials and workmanship) **for the period of 12 (Twelve) Calendar months from the date mentioned of Completion Certificate**. In case supplied items fails within the guarantee period, the same shall be replaced at free of cost within 72 hours. If any sub-parts found defective, they shall be replaced or rectified in a reasonable time but not more than 48 hours.

11. **Additional point.**

(a) **Gate Pass during execution of job** . Arrangement of gate pass from KPDD authority for in / out movement of men and material is Vendor liability.

12. **PRE-BID MEETING**. Date of pre bid meeting will be intimated along with NIT / separately. For better understanding of the scope of work and to obviate any ambiguity on later stage, vendors are requested to participate in the pre-bid meeting. Pre bid meeting to be held after 07 days post publication of NIT. Place of pre bid meeting: **at on site KPDD, Pan Bazar premises of GRSE occupied area. Prebid meeting will be held followed by on site visit.**

V. Shukla
15/9/25

Job Title कार्य का नाम:	“CONSTRUCTION OF SUB STATION WITH LT NETWORK AT KPDD” (to be executed as per SOTR No. ES/MAIN/02/25-26 [Annexure-I])
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STANDARD TERMS & CONDITIONS (STAC)
मानक निबंधन और शर्तें (एसटीएससी)

(1) INTEGRITY PACT समग्रता अनुबंध:

All the participating vendors in this tender are required to enter into agreement by signing an Integrity Pact.

“The Pact essentially envisages as agreement between the prospective vendors/bidders and the buyer, committing the persons/officials of both the parties, not to exercise any corrupt influence on any aspect of the contract”.

Signing of Integrity Pact will be preliminary qualification for participation of this tender, only those vendors who have entered into this Pact with GRSE will qualify for the contract. This Integrity Pact will be effective from the stage of invitation of bids till the date of complete execution of this contract.

Signing Authority for Integrity Pact:

- (A) Vendor: Proprietor / Director / Authorized representative
- (B) GRSE: Head of the ordering department, not below the rank of DGM / AGM

Vendors need to sign on each page of the Integrity Pact document and provide the same on a Govt. issued bond paper of Rs.100/-. The scanned copy of the same need to be uploaded along with the technical Bid documents and original copy of the same to be forwarded to Tendering Department before the due date of the tender.

The vendor has to submit Integrity Pact as per GRSE Format along with Techno-commercial bid, wherever applicable as per NIT.

(2) MICRO & SMALL ENTERPRISE (सूक्ष्म और छोटे उद्यम) -

- a) Purchase preference will be given to eligible Micro and Small Enterprise firms as per MSME Act on submission of valid Udyam Registration Certificate (URC) or NSIC copy along with their offer to claim the benefit. Tendered Service is to be listed in the URC or NSIC submitted else they are disqualified to avail the benefit.
- b) Out of 25% target of annual procurement from MSEs, 4% (within the 25%) reservation will be provided for MSEs owned by Schedule Caste (SC) /Scheduled Tribe (ST) entrepreneurs and 3% (within the 25%) reservation will be provided for MSEs owned by women entrepreneurs. Necessary documents to be submitted along with the techno-commercial bid as evidence failing which benefit shall not be accorded. However, in the event of failure of such MSEs to participate in the tender process or meet the tender

requirements and L1 price, 4% reservation for MSEs owned by SC/ST entrepreneurs and 3% reservation for MSEs owned by women entrepreneurs will be met from other MSEs.

- c) Following facilities/benefits may be given to MSEs: -
- (i) Exemption for payment of Tender Fee & Earnest Money Deposit.
 - (ii) Relaxation in prior Turnover and prior Experience Criteria (Specially for Start Ups- Certificate of DIPP is required to Claim the benefit)
- d) (i) MSEs registered with MSME authority as stated above, quoting price within the band of L1 +15% will be allowed to supply a portion of the requirement by bringing down their price to L1 price in a situation where the L1 price is from someone other than MSE. Such MSEs will be allowed to supply at least 25% of total tendered value. To avail this purchase preference, submission of Udyam Registration Certificate /NSIC is mandatory failing which the benefit will not be accorded.
- (ii) In case L1 is not an MSE and there is more than one MSE within the range of L1 +15%, only the lowest MSE shall be considered for 25% order in case of divisible item or 100% in case the order quantity is not divisible, subject to matching the L1 prices.
- (iii) If the lowest MSE refuses to accept the L1 price, then the second lowest MSE within the range of L1 +15% will be considered. This process will continue till a MSE in the range accepts the L1 price or the MSEs in the L1 + 15% range are exhausted.
- (iv) In case no MSE accepts the L1 price or there is no MSE available in the L1 +15% range, then the order shall be placed to the L1 bidder without applying this principle.
- e) Non-Divisibility of Tender Items: - In case of non-divisible / non-splittable item in tenders, an MSE quoting in the price band of L1+15% may be awarded for full/complete supply of total tendered value, considering the spirit of policy for enhancing the government procurement from MSEs subject to matching the L1 prices by the MSE concerned. However, contract will be awarded as per GOI policy and at discretion of GRSE.
- f) To qualify for entitlement as SC/ST owned MSE, the SC/ST certificate issued by the District Authority must be submitted along with the offer or the same should be indicated in the relevant document NSIC / Udyam Registration Certificate.
- g) For the MSEs owned by SC/ST owned entrepreneur, the benefits as stated above shall be accorded only in the following cases:
- (i) For proprietary MSE, proprietor(s) shall be SC/ST.
 - (ii) For partnership MSE, the SC/ST partners shall be holding at least 51% shares in the unit.
 - (iii) For Private Limited Companies, at least 51% share shall be held by SC/ST promoters.
- (3) **TENDER FEE (निविदाशुल्क): NON-REFUNDABLE (गैर वापसी योग्य) –**
- i. Amount of declared non-refundable tender fee is to be submitted in the form of Demand Draft / Pay Order, Payable at Kolkata and issued in favour of “Garden Reach Shipbuilders & Engineers Limited” by any Nationalized/Scheduled Bank other than

Co-operative Bank. Physical DD/PO to be forwarded to Tendering Department of GRSE within 07 days of tender due date. A scanned copy of the same is to be uploaded as an attachment to the PART I of e-bid submission.

- ii. MSE registered firms having the tendered service listed in their MSE document will be eligible for exemption of tender fee. To claim the exemption, a copy of the valid MSE certificate with its annexure is to be scanned and uploaded as an attachment to the PART I of e-bid submission. The same is to be confirmed in the techno-commercial concurrence format.
- iii. Non-submission of tender fee or a valid MSE certificate may lead to offer rejection.

(4) EARNEST MONEY DEPOSIT (INTEREST FREE) बयाना जमा (ब्याज रहित) -

- i. Amount of declared interest free Earnest Money Deposit (EMD) is to be submitted in form of Demand Draft / Pay Order, Payable at Kolkata and issued in favour of "Garden Reach Shipbuilders & Engineers Limited" by any Nationalized/Scheduled Bank other than Co-operative Bank. Physical DD/PO to be forwarded to Tendering Department of GRSE within 07 days of tender due date. A scanned copy of the same is to be uploaded as an attachment to the PART I e-bid submission.
- ii. EMD may also be submitted in the form of Bank Guarantee with six months validity as per enclosed GRSE format of Bank Guarantee and is to be forwarded directly to GM (Finance), GRSE in Bankers' sealed envelope failing which same will not be accepted. Details of B.G. are to be in Techno-Commercial part of offer.
- iii. MSE registered firms having the tendered service listed in their MSE document will be eligible for exemption from submitting EMD. To claim the exemption a copy of the valid MSE certificate with its annexure is to be scanned and uploaded as an attachment to the General Document part of E-PROCUREMENT. The same is to be confirmed in the PART I concurrence format.
- iv. MSE Registered Firms has to be submit Bid Security Declaration In lieu of Earnest Money Deposit as per GRSE format.
- v. Non-submission of EMD /Bid Security Declaration and valid MSE certificate may lead to rejection of offer.

vi. Refund of Earnest Money Deposits (बयाना जमा की वापसी)

- a. EMD of unsuccessful bidders will be refunded/ returned within 30 days of finalisation of order on surrendering the original copy of GRSE Money Receipt with an application by bidder addressed to HOD of Ordering Department, GRSE on receipt of intimation from GRSE.
- b. EMD of disqualified bidders in TNC/CNC will be returned within 30 days from the date of receipt of application along with original copy of Money Receipt from the bidder. EMD, if not claimed within 1 year from the date of notification EMD will be forfeited.

- c. EMD of successful bidder will be returned after receipt of security deposit against work order as per contractual terms.

vii. Forfeiture of Earnest Money Deposit (बयाना जमा की जल्ती)

EMD may be forfeited under the following circumstances:

- a. The bidder withdraws the bid after opening of Price Bid during the period of validity of offer.
- b. The bidder does not accept the correction of error in bid price as indicated in **Clause 37** hereinafter.
- c. The successful bidder fails within the specifies time limit to:
 1. Acknowledge the LOA/Order
 2. Furnish the required Security Deposit
 3. Non-performance of the contract by the Contractor

(5) VALIDITY OF OFFER (प्रस्ताव की वैधता) :-

Your offer should remain valid for a period of 180 days (as per terms of specific NIT) from the due date of the tender.

(6) SECURITY DEPOSIT (INTEREST FREE) प्रतिभूति (ब्याज रहित):

- i. Successful bidder will deposit an amount equivalent to the declared per cent of the total contract value as interest free Security Deposit (SD) in the form of Pay Order/D. D/Bank Guarantee (with validity of sixty days beyond contract period as per GRSE format) on any schedule bank other than Co-operative bank payable at Kolkata, duly crossed favouring Garden Reach Shipbuilders & Engineers Limited., within 15 days from the date of site clearance/receipt of LOA or PO/as specified in the NIT. In case of non-submission of SD as per schedule, penal interest will be charged for delayed period of submission of SD beyond 15 days at the prevailing SBI cash credit rate on the amount of SD to be submitted.
- ii. If S.D is submitted in the form of B.G then same is to be forwarded directly to Gen. Mgr. (Finance) in Banker's sealed envelope failing which same will not be accepted. Details of B. G. should also be confirmed to Ordering Department, GRSE.
- iii. S.D. amount would be refunded / returned after successful execution of the job and certification of Material Reconciliation Statement by Internal Audit, if applicable. Vendor is to apply for release of their SD along with Job Completion Certificate which has to be certified by PL/Engineer-in-charge/authorized representative of concerned department through GRSE Ordering Dept. In the event of failure to execute the order satisfactorily or default by the contractor/ sub-contractor, the security deposit will be forfeited.

(7) WORK DONE CERTIFICATE (W.D.C.) (किए हुए काम का प्रमाणपत्र) :- Firm will put up Work Done for certification to site engineer /PL /or as specified in the NIT, along with clear

inspection report signed by Quality Assurance Authority. W.D.C. is to include whether work has been completed as per delivery schedule or the delay in days/weeks occurred in completion of work.

(8) **BILL SUBMISSION (बिल प्रस्तुति):**

On obtaining WDC, bills are to be raised on monthly/quarterly/half-yearly/annually(as specified in NIT) progressive basis in accordance with the Checklist as per GRSE format. Bills are to be submitted 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. For this Service Name of the person to be mentioned on sealed envelope will be concerned Project Leader of the Ship/Bill certifying officer.

(9) **COMPLIANCE OF ESI & PF (ईएसआई और पीएफ़ का अनुपालन): -**

- a) Compliance of ESI & PF of the engaged workman is the responsibility of the contractor.
- b) For execution of job inside GRSE premises, vendor has to obtain clearance from HR Dept. regarding statutory compliance of minimum wages, PF, ESI, etc. of their engaged workmen for release of payment.

(10) **POLICE VERIFICATION FOR CONTRACT LABOUR WORKMEN (ठेका श्रमिकों का पुलिस सत्यापन) :-**

(a) Police Verification certificates of character antecedents in respect of all employees of Contractors/Sub-contractors for operating inside GRSE Ltd. are required to be submitted to Security Dept./GRSE Ltd. before processing of Gate Passes.

(b) A certificate from the contractor's labour, clearly endorsing that characters of all his labourers have been duly verified and found to be satisfactory be submitted to GRSE at the time of making Gate Pass.

(c) Photo Identity Card /Gate Pass as required by GRSE will be arranged by the contractor for his employees at his own cost.

(11) **GST REGISTRATION (जी एस टी पंजीकरण): -** The vendor will have to submit copy of GST registration certificate (Part A & Part B) along with the Technical bid. Any bidder without having GST Registration Certificate will not be considered for Ordering.

(12) **GUARANTEE PERIOD (गारंटी अवधि):-**

Workmanship will be guaranteed for satisfactory performance for a period **as stated in NIT.** Any faulty work carried out by the sub-contractor is to be rectified by them within the time stipulated by the GRSE. In case of failure of sub- contractor to meet the ship's programme, outstanding deficiencies shall be rectified by GRSE and all costs of such work shall have to be borne by the sub-contractor).

During guarantee/ warranty period if any equipment or any component thereof supplied by the contractor, suffers due to defective material and/ or due to improper design and/ or due to defective drawing or due to faulty workmanship the contractor will assume full responsibility of rectification of such defective equipment or component thereof including all direct expenses relating to removal and re-positioning of the replacement/ repaired equipment or component thereof and subsequent test & trial, incurred thereon without any financial implication to GRSE.

(13) **PRICE (मूल्य):**

A. For Tender in NIC Portal (एन आई सी पोर्टल टेंडर हेतु): -

a) Price bid need to be filled up (excluding GST) in html format only through e-portal. No other attachment regarding price will be allowed, if so, then offer will be rejected. For break-up of prices, GRSE may attach excel sheet with the html format price bid and the bidder has to fill up their prices in excel sheet and also in html format as per instruction in NIT.

B. For Tender in GeM Portal (जे ई एम पोर्टल टेंडर हेतु):

a) Price bid needs to be filled up (with or without GST as specified in NIT) only through GeM portal for the total job.

b) The Bidder may have to upload the breakup of their quoted price in line with BOQ, as specified in NIT, along with their price offer in GeM portal.

c) The price should remain firm & fixed till satisfactory execution of the entire contract as per NIT. GST percentage has to be indicated in the offer. GST registration certificate for the service being tendered is to be enclosed with the techno-commercial bid. GST registration number is to be quoted in all bills.

(14) **QUANTITY VARIATION (मात्रा भेद) : As per term of NIT.** Quantity as specified in the NIT/SOTR/Price Bid is tentative and it may vary according to the actual requirement of the job. The selected bidder has to execute the required quantity at the same rate, terms & conditions up to variation (+/-25%) or as specified in the NIT in addition to the initial tendered quantity. Necessary amendment of Purchase Orders will be issued accordingly.

(15) **UNREASONABLE QUOTES अतर्कसंगत भाव –**

A. For Job Contract (कार्य संविदा हेतु) :

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

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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) (as applicable) 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.

B. For Manpower Contract (श्रमशक्ति संविदा हेतु):

- i) The quoted price of the L1 bidder should comply with the prevailing Minimum Wages Act & Other Statutory requirements i.e PF, ESI etc.
- ii) In case the quoted price of the L1 bidder is found unreasonably low i.e does not comply with the Minimum Wages Act & Other Statutory requirements and the L1 bidder fails to justify their quoted rate then the obtained L1 quote will be rejected and punitive action will be taken in line with the provision as per GRSE Vendor Policy.

(16) JOINT VENTURE (संयुक्त ऊधम) :

The bids submitted by a joint-venture company of two or more firms/persons/entities as partners/promoters shall comply with the following requirements:

- i) The Joint Venture Agreement must be a registered document under the Indian Registration Act and must be an independent and registered entity under the Companies Act/Indian Partnership Act, having its own trade name and having separate CIN, PAN, GST and other Statutory Licenses/Registrations independent of its promoters/partners.
- ii) All partners/promoters of the joint venture shall be liable jointly and severally for the execution/performance of the project/contract and for all sorts of contractual obligations, responsibilities and liabilities and consequences arising out of breach of terms and conditions of contract.
- iii) A Certified/True copy of the Joint Venture Agreement shall have to be submitted with the bid along with the resolution of Board of Directors (in case of a company) or a Power of Attorney to be executed by all the Partners (in case of Partnership Firm) of JV entity authorizing such person who will sign on behalf of JV entity.
- iv) Submission of EMD/SDs/Performance Guarantee etc., to be made by the Joint Venture Company/Firm and similarly all payments would also be remitted to/in favour of the JV entity.
- v) In order for a joint venture to qualify/meet the minimum criteria as may be specified in the Tender, the experience and financial capability of each of its promoters/partners would be considered jointly to judge the experience and/or the financial

capability of the JV entity as an independent entity. That is to say that the individual experience/qualification of each partner/promoter of the JV would be considered together for ascertaining the experience/qualification criteria of the JV. However, if any specific criteria/qualification is mentioned in the Tender that has to be met by each of the partners, then in such case each of the JV partner/promoters have to meet the same.

vi) Neither the JV entity nor any of its partners/promoters should have been blacklisted, banned or debarred from issuing any Tender or suffering Tender Holiday from participating in any Tender process of Government of India or any of its Agencies or by any State Government or by an PSU (both Central & State included) or by any Court/Tribunal. If so, then the bid is liable to be rejected.

vii) If selected, PO would be issued in favour of the JV.

(17) **CONSORTIUM (अल्पकालीन संघटन):**

The bids submitted by a Consortium of two or more firms as partners shall comply with the following requirements:

- i) There must be a written Agreement for formation of the Consortium amongst its members which should *inter alia* include the role of each member, the ratio of investment and the ratio of profit/loss sharing. The terms of the Agreement cannot be modified post submission of the bid and during execution of Contract, if awarded, without the express consent of GRSE. The Consortium Agreement must record that as to which member would act as the Lead Member in the Contract/Tender. This authorization shall be evidenced by submitting with the bid a Power of Attorney authorizing such member to act on its behalf as Lead Member, signed by legally authorized signatories of all other partners/members.
- ii) Each partner firm/company of a Consortium must legally authorize its representative who will represent the partner firm/company to sign and execute the Consortium Agreement and all other necessary papers/documents required for the formation of Consortium and all other purpose relating to activities of Consortium.
- iii) The leader shall be authorized to incur liabilities and to receive instruction for and on behalf of any and all partners/members of the consortium and the entire execution of the contract and all other related documents shall be done under the supervision and involvement of the lead member.
- iv) All partners of the consortium shall be liable jointly and severally for the execution of the project or contract without any limitation of liability. Any default or lapse on the part of any of the members of the Consortium regarding performance of the contract will be treated as default on the part of the Consortium as a whole and the Lead Member alone will be responsible for all consequential losses and damages that may be sustained by GRSE for such default or lapse on the part of a member.

- v) A Certified True copy of the Consortium contract/agreement entered into by and between the consortium partners and a certified True copy of the Power of Attorney, referred above, must be submitted with the bid and failure to submit any of such documents will make the bid of the Consortium liable to be rejected.
- vi). If Contract is awarded to the Consortium, an Agreement would be executed by and between GRSE and all the Consortium members wherein, inter alia, the role of each member and the mode of payments to be specifically defined and/or mentioned. However, all the consortium members shall remain, jointly and severally, responsible for execution and completion of the Contract and also to make good for all losses and damages if any sustained or to be sustained by GRSE in the subject contract due to default and/or negligence of the Consortium as a whole or of any of its members. Any statement or clause seeking to limit the liability of each member of the Consortium, such statement or clause to be treated as incompatible with the principle of joint and several liability and the bid of the Consortium will be liable to be rejected as not in compliance of tender specifications, without further evaluation.
- vii) In order to qualify/meet the qualification criteria, each of its partners/members or combination of partners/members must meet the minimum criteria set for the individual bidder. Failure to comply with this requirement will result in rejection of the Consortium's bid. The data/figures of each of the partners/members of the Consortium shall be added together in proportion to their participation in the Consortium, to determine the bidder's capacity as a whole to comply with the minimum criteria.
- viii) The percentage of partnership of the lead partner shall be highest among all the Consortium partners. Bid has to be submitted by the Lead Partner in its name however it should be clearly indicated that the lead partner is submitting such bid on behalf of a Consortium of which it is the Lead Partner.
- ix) The lead partner shall be responsible for payment of Bid Security/EMD as well as the Security Deposit & Performance Guarantee. However, the same has to be submitted by MSME/NSIC firms also if such firm acts as a Lead partner.
- x) All Payments to be made to the Lead Member pursuant to satisfactory execution of the job as specified in the Contract irrespective of the performance by all the members. Payments made to Lead partner of the Consortium would be construed as valid payment. Further the Consortium members agree not to entangle GRSE in any internal dispute between the Consortium members regarding payment/non-payment or any other issue and accordingly waives their rights, if any in this regard.
- xi) None of the consortium partners/members should have been blacklisted, banned or debarred or issued any Tender holiday from participating in Government Contracts by either the Government of India or any of its Agencies or by any State Government or by an PSU (both Central & State included) or by the Courts/Tribunals. If so, then the bid is liable to be rejected.

Note: The Consortium Agreement & the PoA is to be submitted by the Consortium's Lead partner along with the Bid for examination by GRSE. If the Consortium Agreement or the

PoA does not meet the criteria as specified in the clause then such bid would be liable to be rejected.

- (18) **MAINTENANCE OF MACHINES (यंत्रों का अनुरक्षण):** - The maintenance of machines brought in by contractors are to be undertaken as per OEM recommendations. Certificate to this effect is to be rendered by the contractor.
- (19) **SUB-CONTRACTING OF SUB-CONTRACTED JOB (उप संविदा कार्य का उप संविदा) :** -
- a) Sub-Contracting of the Sub-Contracted job is usually discouraged. When a contract is being finalised with a Vendor/ Contractor for execution of a particular job, the Contractor shall not sub-contract the job / a part of the job.
 - b) However, in case of requirement, the job in part or full could be sub-contracted with an approval from GRSE and copy of the same has to be forwarded to Ordering Dept. & HR Dept. for their information.
 - c) For sub-contracting of the sub-contracted job, the Vendor/Contractor has to submit the details of the sub-contractor to whom the job will be loaded including their name, credentials, document of past performance etc. for approval of GRSE Engineer In-Charge/ In-charge of User Dept./Project Leader / Project Superintendent /Head of Units.
- (20) **EXCESS/WASTE/REJECTED MATERIALS (अतिरिक्त/बेकार/ अस्वीकृत सामग्री) :** - Removal of excess/waste/rejected materials etc. generated during execution of work should be arranged by the Contractor at their own cost immediately after completion of work each day and for non-removal of same by the Contractor, the expenditure incurred by GRSE (if any) in removing these materials will be recovered from the available dues of the Contractor.
- (21) **FIRE &SAFETY PRECAUTIONSअग्नि एवं संरक्षा सावधानियाँ :** - 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.
- (22) **SAFETY GUIDELINE FOR MATERIAL HANDLING EQUIPMENT (सामग्री चालन उपकरण हेतु मार्गदर्शन):** The Vendor/Contractor shall abide by the Safety Guidelines /regulations of GRSE as detailed in NIT. The Vendor/Contractor should comply with all the Safety requirements like Statutory Examination and Certification of Crane & associated lifting tackles, Display of SWL, Competency requirement of Crane Operators,

PUC etc. in order to carry out the job safely. In case of any violation GRSE will take appropriate action as per policy.

- (23) **MANDATORY USE OF ISI MARKED PPE BY CONTRACTOR EMPLOYEES (संविदा कर्मचारी द्वारा आई एस आई निशान पी पी ई व्यवहार की अनिवार्यता):** 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 (पी पी ई की सूची)

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

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

- (24) **ENVIRONMENT MANAGEMENT AND OCCUPATIONAL HEALTH & SAFETY (पर्यावरण प्रबंधन एवं व्यावसायिक स्वास्थ्य सुरक्षा):** - The vendor shall ensure compliance of Environment Management System (ISO14001:2014), Occupational Health & Safety (ISO 45001:2018) & Energy Management System (ISO 50001:2011) while carrying out their activity in the yard.
- (25) **ENERGY CONSERVATION (ऊर्जा संरक्षण):** - GRSE will provide power supply at free of cost for execution of job. The vendor should ensure that the power during execution of job shall be used in a very economic way to save energy as per Energy Management System of ISO 50001: 2011.
- (26) **GUARANTEE FOR RAW MATERIAL (अनिर्मित सामग्री की गारंटी):** This Clause will be applicable for Collection of Raw materials /Free Issue materials from GRSE for the jobs which are to be executed outside GRSE premises.

a) Raw materials will be required to collect from GRSE against submission of Bank Guarantee as per GRSE format for the equivalent value of material as specified in NIT/Purchase Order. Transportation of materials from GRSE to Sub-contractor's premises and transportation of finished materials from Sub-contractor's premises up to GRSE is the responsibility of the contractor or as specified in NIT.

b) Indemnity Bond affixing the Common Seal from the registered sub-contractors may be accepted in lieu of Bank Guarantee but it should be backed by Insurance Coverage with GRSE as the beneficiary on case to case basis. If the contractor is unable to take coverage, GRSE will cover such risk and cost of premium will be borne by the contractor/recovered from their dues.

c) Indemnity Bond has to be submitted as per GRSE Format on the non-judicial Stamp paper of value Rs. 100/- and to be Notarized if Common Seal is not applicable.

d) During collection of material, the Transporter of the Sub-Contractor has to submit L-R copy, failing which materials will not be issued to the Sub-Contractor.

e) For the jobs which are to be executed inside GRSE premises, submission of Bank Guarantee or Indemnity Bond for Collection Raw materials is not required.

(27) **MATERIAL RECONCILIATION STATEMENT (MRS) (सामग्री मिलान विवरण) :-**

(a) Firms are to furnish the material reconciliation statement (running MRS) to GRSE, for items supplied by GRSE for execution of a job at vendor's premises. Furnishing of MRS to be done immediately on delivery of the Finished item/Block but not later than 30 days of delivery of the finished item showing details of raw materials received, material actually consumed, excess material returned, wastage etc. This statement should be submitted with documentary evidence of material issued/returned/wastage duly accepted by competent authority of GRSE and as per the GRSE format and filled up check list for MRS. Permissible variation in MRS is 1.5% of design weight of structure. MRS certification is to be completed by GRSE within 60 days of receipt of the same from vendors.

(b) Quantity of stiffeners used in transportation are to be mentioned in delivery challan clearly indicating whether the stiffeners are: -

- i) Temporary stiffeners supplied by vendor.
- ii) Sections of ABS quality supplied by GRSE.

(c) While submitting MRS of Finished item/Block, copies of certified MRS of all previous Finished items/Blocks are to be enclosed. This will be called the final MRS.

(28) **INSURANCE (बीमा):** - In case the sub-contracted job has to be executed at contractor's premises, the Insurance has to be taken by the contractor with appropriate value coverage for the underlying risks (the beneficiary would be GRSE by endorsement) e.g. Loss due to following:

- (i) Fire as per AIFT including EQ, STFI at Contractors premises.
- (ii) Burglary including theft during Storage at Contractors premises.
- (iii) Marine transit to and fro as per ITC(A) including SRCC (on the basis of agreed valuation between GRSE & contractors).
- (iv) Loading & unloading including TP liability at all fabricator's premises.
- (v) Loss due to infidelity of contractors whilst in storage.
- (vi) Spoilage of material by contractors by any accidental reasons whatsoever.

If the contractor is unable to take coverage, GRSE will cover such risk and cost of premium will be borne by the contractor/recovered from their dues.

For the jobs which are to be executed inside GRSE premises, Insurance coverage will not be the responsibility of contractor.

(29) **SITE-INCHARGE/ LOG BOOK/ HINDRANCE & OTHER RECORDS (कार्यस्थान प्रभार/कार्यपंजी/बाधा एवं अन्य रिकार्ड): -**

- a) One fully responsible and Qualified Site-in-charge has to be posted at the site during progress of work.
- b) Attendance Register, Wage Register etc. are to be maintained daily for the particular job on board and to be shown as and when required.
- c) Details of technical personnel deployed for the job.
- d) Monthly progress report.
- e) Log book for re-work/ modification.
- f) Details of materials brought by vendor along with copies of challan.
- g) Proper record of hindrances is to be maintained by the sub-contractor for the purpose of timely removal of the hindrance and is to be put up for approval by Project Leader/Site Engineer on weekly basis. A copy of the same would have to be enclosed while submitting any request for waiver of liquidated damages.
- h) Sufficient Supervisory Staff should be provided by the contractor during execution of work and in case of any accident/ damage to GRSE properties, full responsibility will be attributed to the contractor and loss incurred will be recovered from the contractor.

(30) **WORKING HOURS (कार्य समय) :**

The Contractor's normal working hours shall be in between 8 AM-5:06 PM from Monday to Friday & from 8:00 AM to 1:00 PM on Saturday. 1st & 3rd Saturday is Non-Duty Saturday. Work may also be required to be carried out in shifts (A, B & G shifts) as per GRSE's requirement. Also, work may be required to be carried out on Sunday/Holiday or beyond schedule working hours as per requirement of GRSE and the Contractor will have to arrange for same as per SOTR/NIT Terms.

(31) **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.

(32) **INDIVIDUALITY OF THE CONTRACT (संविदा की वैयक्तिकता):**

This Contract should be treated as an individual contract and should not be related with other orders with GRSE in respect of progress of work or payment.

(33) **SECURITY OF INFORMATION (सूचना की गोपनीयता): -**

All documents and drawings of this project are of confidential in nature and should be used explicitly for the purpose for which they are provided. Drawings should not be copied and should be returned to GRSE on completion of work.

No information in respect of contracts/orders shall be released to the national or international media or any one not directly involved its execution without the express written approval of the Integrated Headquarters, MOD (NAVY). In the event of any breach of above provisions, the vendor would have to make good of any loss/ cost/ damage/ any other claim whatsoever preferred by anybody to GRSE in this respect.

Non-Disclosure Agreement (NDA) as specified in the NIT has to be submitted as per GRSE Format.

(34) **REGISTRATION OF NEW VENDOR (नए बिक्रेता का पंजीकरण):**

The contractor has to confirm if they are registered with GRSE and Indicate Vendor Code (5 digits) and Product Code group accordingly in their offer. If the contractor is not registered with GRSE, then documents required for provisional vendor registration has to be submitted to the Ordering Department. For Permanent Vendor Registration with GRSE, the contractor has to submit their application to GRSE Vendor Development Cell.

(35) **CONTRACT WORKMAN WAGE PAYMENT (संविदा कामगार का मजदूरी भुगतान): -**

Payment of wages to the contractor's employee/workmen 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.

(36) **INSPECTION (निरीक्षण): -**

(i) Quality assurance authority: As per NIT/SOTR.

(ii) Inspection to be carried out stage wise by Quality Assurance Authority. On completion of work for any stage, vendor has to submit Inspection Offer to GRSE (Inspection Agency) for stage inspection. GRSE (Inspection Agency) shall co-ordinate with the Outside Inspection Authorities (as applicable) for carrying out inspection of completed job.

(iii) GRSE reserve the right to inspect all operations to be carried out by the contractor.

Free access to the work site at all the time shall be ensured by contractor. The presence or absence of GRSE representative does not relieve contractor of the responsibility for quality control. The contractor shall provide all assistance for carrying out inspection of completed work.

- (iv) Repeat inspection for any particular job is to be discouraged as far as possible. Hence the vendor should complete the job in all respect prior to submission of Inspection Offer to avoid reoffering. In case of repeat inspection happens for more than two occasions then the additional cost implication incurred by GRSE will be deducted from the bills of the vendor at actual. Number of occasions of repeat inspection for any particular job is to be indicated by GRSE in inspection note and same is to be incorporated in the work done certificate for deduction of additional cost implication for repeat inspection. Cost of deduction shall be calculated by Executing Dept., GRSE with the help of Finance Dept., GRSE.

(37) **CORRECTION OF ERRORS (त्रुटि सुधार):**

Bids determined to be responsive will be checked by GRSE for any arithmetic error. Errors will be corrected by GRSE as follows:

(i) **For Manual Tendering:** -

- a) Where there is a discrepancy between the rates in figures and in words, the rates in words will govern.
- b) Where there is a discrepancy between the unit rate and the line item total resulting from multiplying the unit rate by the quantity, the unit rate as quoted will govern.

(ii) **For Tendering through NIC Portal:** -

Where there is a discrepancy between the rates in html format and the attachment to price bid (if applicable), the rates in attachment to price bid will govern. In attachment to Price bid; if any discrepancy found between the unit rate and the line item total resulting from multiplying the unit rate by the quantity, the unit rate as quoted will be considered.

(iii) **For Tendering through GeM Portal:** -

Where there is a discrepancy between the total price quoted in GeM Portal and the attachment (i.e break up of quoted price in line with BOQ) to price offer, the total price quoted in GeM portal will govern. In attachment to the Price offer, if any discrepancy found between the unit rate and the line item total resulting from multiplying the unit rate by the quantity, the unit rate as quoted will be considered.

(38) **FORCE MAJEURE (अप्रत्याशित घटना) :**

In the event of contractor being unable to fulfil the obligation under the agreement owing to force majeure, such as War, Fire, Earthquake, Flood, Strike/ Lockout at GRSE premises where the contractor is working, the party affected shall not be held responsible for any failure or non-performance of the duties and obligations under the agreement,

provided that all responsible efforts have been made to overcome the consequences of such failure, or non-performance. The time for performances of the contractual obligation shall then be extended by period not more than the duration of such events.

In the event of Force Majeure condition existing at contractor's site in GRSE Premises or CPT areas for GRSE work, GRSE is to be intimated with details of such happenings and cessations thereof, within 3 days. Force Majeure is to be limited to contractor's site in GRSE/CPT premises for GRSE's work only. Lock out/ Closure of contractor's factory premises or office or any other place outside GRSE/CPT/GRSE nominated place as indicated above cannot be considered as a Force Majeure condition under this contract.

- (39) **TERMINATION OF CONTRACT (अनुबंध की समाप्ति):** In the event of non-performance or non-engagement of manpower for the execution of the job within the notice period, GRSE reserves the right to cancel the order in part or in full, and no compensation whatsoever will be entertained.
- (40) **DAMAGE OF MATERIALS / EQUIPMENTS (सामग्री/उपकरण की छती):** The contractor will ensure that no damage is caused to the materials, equipment or any other property of GRSE due to negligence and / or any reason whatsoever by the contractor's personnel. The cost of such damage will be suitably recovered from contractor's bills.
- (41) **OFFICE & STORAGE SPACE (कार्यालय एवं भंडारण स्थान):** The contractor will have to arrange their office & storage required for execution of job, for cumulative order value of Rs.75 lakhs and above, of their own. However, space for placing up to one container will be provided free of cost by GRSE. Container will have to be removed by the contractor within 03 months from the date of final settlement with GRSE. In case of non-removal of container within specified period penalty as deemed fit will be imposed for the occupied area of GRSE.
- (42) **ARBITRATION (मध्यस्थता): -**
- i. If at any time, before during or after the contract period, any unsettled claim, question, dispute or difference arises between the parties, upon or in relation to or in connection with or in any way touching or concerning this order, the same shall be settled/adjudicated through Arbitration to be conducted by a Sole Arbitrator, to be appointed by the parties on mutual consent, in accordance with the provisions of the Arbitration and Conciliation Act, 1996.
 - ii. In the event the parties fail to mutually appoint a Sole Arbitrator within 30 days from the receipt of a request by one party from the other, then either of the parties may approach the Hon'ble High Court at Calcutta under the provisions of the Arbitration and Conciliation Act, 1996 for appointment of a Sole Arbitrator by the Hon'ble Court.
 - iii. Such arbitration shall, in all respects, be conducted in accordance with the provisions of the Arbitration and Conciliation Act, 1996 and the rules framed there under or any statutory modification or re-enactment thereof for the time being in force.
 - iv. The Award of the Sole Arbitrator shall be final, conclusive and binding upon the Parties.

- v. In the event of the death or resignation or incapacity or whatsoever of the said Sole Arbitrator if appointed by the parties mutually the said parties may again appoint a suitable Substitute Arbitrator in place of the erstwhile Sole Arbitrator to continue with the proceedings. In the event of appointment of the Sole Arbitrator by the Hon'ble High court at Calcutta on death or resignation or incapacity or whatsoever of the said Sole Arbitrator, either of the parties in this behalf, may make an application to the Hon'ble High court at Calcutta for appointment of a Substitute Arbitrator and the Hon'ble Court may pass such orders as it deems fit and proper.
 - vi. Also, in the event an Arbitration award is set aside by a competent court the parties may appoint a Sole Arbitrator mutually or on failing to appoint a Sole Arbitrator mutually within the statutory period then either of the parties may file an application before the Hon'ble High Court at Calcutta under the provisions of the Arbitration and Conciliation Act, 1996 for appointment of a Sole Arbitrator by the Hon'ble Court in accordance with the provisions of the Arbitration & Conciliation Act.
 - vii. The cost of the arbitration, fees of the arbitrator, remuneration of the stenographer and clerk, stamp paper etc. shall be shared equally by the parties, unless otherwise directed by the Sole Arbitrator. The venue of arbitration shall be at Kolkata and unless otherwise decided by the parties or by the Sole Arbitrator himself, the venue shall be the premises of Garden Reach Shipbuilders & Engineers Ltd. located at 43/46, Garden Reach Road, Kolkata 700 024.
 - viii. The language of the proceeding shall be in English.
- (43) **JURISDICTION (न्याय अधिकार):** Litigation, if any, pertaining to this contract will come under the jurisdiction of High Court at Kolkata.
- i) All contracts shall be deemed to have been wholly made in Kolkata and all claims there under are payable in Kolkata City and it is the distinct condition of the order that no suit or action for the purpose of enforcing any claim in respect of the order shall be instituted in any Court other than that situated in Kolkata City, West Bengal State, India.
 - ii) The Firm is warranted that all service rendered by them shall conform to applicable city, states & central laws, ordinances and regulations and the said Firm shall indemnify / defend / relieve GRSE harmless, from / of against loss, cost of damage, by reason or any actual or alleged violation thereof.
 - iii) GRSE shall not be liable under the workmen's compensation Act of 1923; in case any employee or workmen receives injury while actually serving his employer in connection with the latter's work inside the compound of GRSE Ltd.
 - iv) All existing applicable Laws such as ESI, PF, SERVICE, CONTRACT LABOUR, CHILD LABOUR etc. as applicable, shall be binding for the contract.
1. For any discrepancy between SOTR/NIT (Notice Inviting Tender) and STAC, SOTR/NIT statement may be taken as final.



NIT SLA No. SCC/DC/NIC/OT(P)/Sub-Station/KPDD/126/ ET-3295

2. Clarification required, if any, regarding Tender Document, should be got resolved by contacting competent authority of GRSE prior to submission of bid.

FORMAT FOR EXECUTED RELEVANT JOBS TO JUSTIFY TECHNICAL ELIGIBILITY1. **Name of the Bidder and Address:**2. **Job Description:**3. **GeM Tender/Bid Reference:**(A) **Details of Executed relevant jobs:**

Sl. No	Description of Executed relevant jobs	Order No. & Date (Supporting documentary evidence to be submitted)	Order placed by	Start & Completion date as per Order	Actual start date	Actual Completion Date	Value of Purchase order (in INR)	Scope of work for executed contract	Work completion certificate Ref. No. & date (Supporting soft or, hard copy to be submitted)
1									
2									
3									
4									
5									

*Note: Please add additional pages if required***(Signature of Authorized Representative) Date:****Name:****Designation:****Official stamp**

FORMAT ON FINANCIAL ELIGIBILITY CRITERIA

(To be submitted on Company's letter head)

1. **Name of the Bidder:**

2. **Job Description:**

3. **Tender Reference:**

A. Financial Data for evaluating Financial Eligibility

SL. No.	Financial Years	Turn Over (in Rs.)
1	2024-25	
2	2023-24	
3	2022-23	

B. Detail of Solvency certificate:

Reference no. of certificate	Name of bank, Branch	Amount of Solvency (Rs.)

(Signature of Authorized Representative) Date:

Designation:

Note: i) Audited reports for above FY to be submitted as supporting documents.
ii) Banker's letter confirming solvency to be submitted as detailed in NIT.

SELF-CERTIFICATION FOR DECLARATION REGARDING BLACKLISTING/ TENDER HOLIDAY

(To be submitted in Company's Letterhead)

- | | |
|--|--------------|
| 1. <u>Name of the Bidder:</u> | Date: |
| 2. <u>Job Description:</u> | |
| 3. <u>GeM Tender/Bid Reference:</u> | |

Dear Sir,

(1) 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 31.08.2025** 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).

(2) 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.

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 certificate or valid 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 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

INTEGRITY PACT

This Integrity Pact is made on day of (month & year)

Between

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

and

M/s..... having its registered office athereinafter referred to as "the Bidder /Contractor"

The Principal intends to award, under laid down organizational procedures, contract for..... 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 Capital Bidder(s)/ or Contractors(s).

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 principals 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, provided 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)/ Contractor(s)

[1] The Bidder(s) /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) / 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)/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)/Contractor(s) will not commit any offence under the relevant IPC/PC Act; further the Bidder(s)/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)/Contractor(s) of foreign origin shall disclose the name and address of the Agents/representatives in India, if any. Similarly, the Bidder(s) /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) /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)/Contractor(s) will, when presenting his bid, disclose any and all payments he has made, is committed to or intends to make to agents, brokers or any other intermediaries in connection with the award of the contract.

[2] The Bidder(s)/ 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)/Contractor(s) before award or during execution has 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 Bidder(s) /Contractor(s) from the tender process or take action as per the extant procedure of the company (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 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 occurred 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 / Contractors / Sub-contractors.

(1) The Bidder(s) /Contractor(s) undertake(s) to demand from all subcontractors 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, Contractors and Sub-contractors.

(3) The Principal will disqualify from the tender process all bidders who do not sign this Pact or its provisions.

Section 7 – Criminal charges against violating Bidder(s) Contractor(s)/ Subcontractor(s)

If the Principal obtains knowledge of conduct of a Bidder, Contractor or Subcontractor, or of an employee or a representative or an associate of a Bidder, Contractor or Subcontractor 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 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 performs his functions neutrally and independently. He reports 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 Contractor. The Contractor will also grant the Monitor, upon his request and demonstration of a valid interest, unrestricted and unconditional access to his project documentation. The same is applicable to Subcontractors. The monitor is under contractual obligation to treat the information and documents of the Bidder(s) /Contractor(s) /Subcontractor(s) with confidentiality.

(4) The Principal will *provide* to the Monitor sufficient information about all meetings among the parties related to the Project provided Such meetings could have an impact on the contractual relations between the Principal and the 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 agreement, he 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 him by the Principal and, should the occasion arise, submit proposals for correcting problematic situations.

(7) 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 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 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 the Contractor is a partnership or a consortium, this agreement must be signed by all partners or consortium members.

4) Should one or several provisions of this agreement turn out to be invalid, the remainder of this agreement remains 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 Bidder/Contractor)
(Office Seal) (Office Seal)

Place.....

Place.....

Date.....

Date.....

Witness 1:
(Signature, Name & Address)

Witness 2:
(Signature, Name & Address)

Annexure – 8

NIT no.: SCC/DC/NIC/OT(P)/Sub-Station/KPDD/126/ ET-3295 Description: CONSTRUCTION OF SUB STATION WITH LT NETWORK AT KPDD	
ATTRIBUTES	Particulars (to be filled by the Bidder and submitted with Technical bid with sign and stamp)
Bidder's/Firm's Name	
Firm's Address	
Contact Person with Designation	
Contact details (Mob No. e-mail ID)	
Proprietorship/Partnership/ JV / Consortium /Pvt. Ltd./PSU/ Public Ltd. (as applicable) <i>(agreement need to be submitted in case of JV / Consortium)</i>	
PAN no.	
GST no. with Annexure-A &B	
Company Registration certification/trade licence/Memorandum/ others as applicable	
Labour License no.	
PF Registration no.	
ESI Registration no.	
EMD - DD /BG no. and date with validity	
MSE/NSIC registration certificate	
Bid security Declaration (Annexure-6) with MSE Udyam (if applicable)	
Annexure-3 (Tech eligibility) with documents	Submitted with documents / Not submitted
Registered Office or Branch Office address in Kolkata	
Financial Eligibility Annexure-4 with documents	Submitted with documents / Not submitted
FY-2021-22 (Rs.)	
FY-2022-23 (Rs.)	
FY-2023-24 (Rs.)	
Average Annual Turnover of last 3 F.Y. ending on 31.03.2024	Rs. _____
Solvency Certificate from Banker	Bank letter no. and date and Rs.
Self-Certification for not having tender Holiday, Blacklisting as on 31.08.2025 (Annexure-5)	(Annexure-5) submitted/ Not submitted
Integrity Pact (Annexure-7) in Rs. 100/- Non-judicial stamp paper	IP Submitted/ Not submitted
TReDS Registration no. in case of MSME	

**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 –II	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. <i>Note:</i> 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 STATUTES FOR ENGAGEMENT OF CONTRACTORS' WORKMEN

Sl. No.	Relevant Statutes	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.



गार्डन रीच शिपबिल्डर्स एण्ड इंजीनियर्स लिमिटेड
GARDEN REACH SHIPBUILDERS & ENGINEERS LIMITED

निदेशक (कार्मिक) का सचिवालय / D(P)'s Secretariat

संदर्भ सं / Ref No.: D(P)/TY/24/172

Date: 30 दिसंबर / Dec 2024

PENALTY FOR NON-CLEANING OF WORK AREA POST-JOB COMPLETION

To
All Contractors

1. It has been observed with serious concern that work areas onboard ships are often left uncleaned after job completion which causes waste accumulation, workflow disruptions, and safety hazards. Some of the examples are as follows:

- (i) non-removal of blasting grits after blasting activity.
- (ii) left over remaining electrodes, plastic welding spool after welding activity.
- (iii) left over Oxyfuel gas hose of gas cutting sets after gas cutting activity.
- (iv) Remain Welding set in on condition.
- (v) left over damaged/unused grinding wheel/cutting wheel after grinding and cutting activity.
- (vi) left over empty paint drums, thinner drums, painting machines and Spray-painting kit after painting activity.
- (vii) left over scraps & loose material after fabrication activity.
- (viii) left over Die Penetrant testing kit after D.P. test.
- (ix) left over cotton jute & waste after cleaning activity.
- (x) left over plastic wrappers removed from machinery items.
- (xi) left over excess / unused/cut piece cable after cable laying work.
- (xii) left over excess / unused insulation materials, cartoon box, gasket, drawing paper, plastic bottles and polyethene's, etc.
- (xiii) Any flammable or hazardous items (liquid or solid).

Contd... P/2

In addition, some of the contractors' workmen are spitting pan & gutkha & do urinal inside the ships which not only affects swacchata of the workplace but also gives a bad impression of cleanliness culture of GRSE.

2. To address this issue, the following guidelines are being enforced:

2.1 *Responsibility of Cleaning Work Areas:* Contractors must ensure that work areas are cleaned immediately after the completion of tasks and no worker should spit inside the compartments onboard the ships.

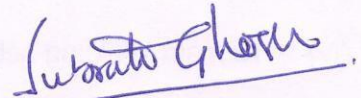
2.2. *Penalty for Non-Compliance:* Failure to clean the work area and spitting will result in the imposition of stringent penalties, including but not limited to:

(i) Monetary fines: Rs. 5000/- per instance on defaulter company.

(ii) Debar the concerned contractors' workman from entering the unit for maximum 10 (ten) days period in each instance of violation.

(iii) Temporary or permanent debarment from participating in future tenders of GRSE.

3. All contractors are advised to comply strictly with this directive to maintain a safe and efficient working environment.



DIG Subrato Ghosh, ICG (Retd.)
Director (Personnel)