



Garden Reach Shipbuilders & Engineers Limited

(A Govt. of India Undertaking Under Ministry of Defence)

43/46, Garden Reach Road, Kolkata - 700 024

<> Home Page: www.grse.in

Ph : 2469 8100-8114 (13 Lines) (200,225)/2469 7945(D) Fax :: 033-2469 3932/2469 8150

CORRIGENDUM-II

Name of job: - Biennial Rate Contract for On Board electrical Work for ASW SWC Ships at GRSE

E- TENDER NO - SCC/AKD/OT(Press)/ELEC WORK/ASW SWC/044/ET-1894
dt. 07.09.2022

FOLLOWING ARE TO BE READ IN CONJUNCTION WITH THE ORIGINAL TENDER DOCUMENT

1. In NIT: **Article 19:** the following is being **DELETED** from the **Eligibility Criteria.**

"Bidders should be a PSU/ Limited Co/ Pvt Ltd. Co incorporated in India [i.e. Proprietorship firm, Joint Venture company, partnership firm, LLP are not eligible]".

Except above, the other conditions will remain same.

2. The Bid submission end date and due date of opening of tender has been revised and indicated below:

Last date of submission of Tender: निविदा जमा की तिथी एवम समय:	12.10.2022 up to 12.00 hrs.
Date of opening of Tender:- Part I - Techno-Commercial Bid: तकनीकी- वाणिज्यिक बोली भाग-I खुलने की तिथी एवम समय:	14.10.2022 at 14.00 hrs.

3. All Other Terms & Conditions of the Tender Enquiry Remains Unaltered.

Date: 06.10.2022


SM (CONTRACT)

Enclosed:

1. Corrigendum-I
2. Original Tender Document



GARDEN REACH SHIPBUILDERS & ENGINEERS LIMITED

गार्डेनरीच 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

Main Unit Address: 43/46, Garden Reach Road, Kolkata-700 024

Phoneदूरभाष:(033)2469-8100 to 8113, Extn. बिस्तार: 200/204/225

Web siteवेब:www.grse.in; CINसीआईएन:L35111WB1934GOI007891

CORRIGENDUM-I dated 30.09.2022

SUB: Biennial Rate Contract for On Board electrical Work for ASW SWC Ships at GRSE

Ref: NIT No. SCC/AKD/OT(Press)/ELEC WORK/ASW SWC/044/ET-1894 dt. 07.09.2022

(Due date on 08.10.2022 at 12:00 hrs.)

The followings are to be read in conjunction with the tender document:-

1. SOTR Clause 3(d): Laying of Cables:

The following Clause has been modified and to be read as follows:

Existing	To be Read As
(d) All cables shall be laid carefully and not just pulled, which can result in damages. Pulling back of redundant cables due to modifications or rerouting will have to be done at no extra cost. Cables are required to pass through Multiple Cable Transit system (MCT) where each cable has been identified to be laid through a predetermined path i.e. as per approved cable route drawing and gland sketch.	(d) All cables shall be laid carefully and not just pulled, which can result in damages. Cables are required to pass through Multiple Cable Transit system (MCT) where each cable has been identified to be laid through a predetermined path i.e. as per approved cable route drawing and gland sketch.

2. SOTR Clause 12(e): Modification:

The following Clause has been modified and to be read as follows:

Existing	To be Read As
(e) Modification/rework charges at 120% of the established rate will be payable in case of changes/ modification at the behest of GRSE/due to changes. However, this will have to be done under written instruction from GRSE and a mention to this effect is to be made in WDC. Any rework arising out of defective workmanship or lapses on account of the contractor will not be paid for.	(e) (i) Modification/rework charges at 120% of the established rate will be payable in case of changes/ modification at the behest of GRSE/due to changes. (ii) Modification/rework charges at 20% of the established rate will be payable in case of pulling back of redundant cables due to modifications or rerouting at the behest of GRSE/due to changes. However, this will have to be done under written instruction from GRSE and a mention to this effect is to be made in WDC. Any rework arising out of defective workmanship or lapses on account of the contractor will not be paid for.



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3. NIT Article 23(ii): Work Done Certificate (W.D.C):

The following Clause has been incorporated in addition to the existing and to be read as follows:

- a) Work done certificate for Equipment Installation (with Seats, Lug, Pad and Shock Mounts, wherever applicable with Earthing Pad) as per Appendix-1, SI no. 9 of SOTR shall be issued in stages as mentioned below by the Engineer In Charge (L&W) / Project Leader/PCO of respective ships/Electrical Officer of Berth OR their Nominated officer based on clear inspection report as applicable:

Stage	Description
I	On completion of Line Out Marking and hot work of equipment (fitment / welding of lugs, pads, earthing lugs etc), fabrication, erection of brackets and touch up painting of hot work area i.e. lugs, brackets & other equipment mountings as applicable.
II	On completion of Equipment Installation/ Fitment along with necessary mountings (wherever applicable)

- b) W.D.C. is to include whether work has been completed as per delivery schedule or with delay [in days/weeks specified therein]. Any recovery towards usage of GRSE resources is also to be indicated.
- c) W.D.C. issuing Terms for all other items of Appendix-1 of SOTR except SI No. 9 will remain unaltered.

4. NIT Article 23(iv): Payment Terms:

The following Clause has been incorporated in addition to the existing and to be read as follows:

- a) Payment for Equipment Installation (with Seats, Lug, Pad and Shock Mounts, wherever applicable with Earthing Pad) as per Appendix-1, SI no. 9 of SOTR shall be made in stages as stated below:

Stage	Description	Percentage Payment
I	On completion of Line Out Marking and hot work of equipment (fitment / welding of lugs, pads, earthing lugs etc), fabrication, erection of brackets and touch up painting of hot work area i.e. lugs, brackets & other equipment mountings as applicable.	30%
II	On completion of Equipment Installation/ Fitment along with necessary mountings (wherever applicable)	70%



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- b) The stage wise certified bill amount with full GST against actual work done will be paid as monthly progressive basis within 30 days of receipt of bill (in 03 copies) duly certified by Bill Certifying Authority - Electrical Officer In-Charge/ AGM(L&W)/DGM(L&W) of respective Unit/ PS/ PL of concerned Ship /their Nominated officer & supported with satisfactory Work Done Certificate duly certified by WDC certifying Authority. Amounts recoverable from contractor, if any, is to be adjusted from the respective stage payments as per certification of Bill Certifying Authority. Moreover, release of payment is subject to clearance of ESI / P.F. and other labour related mandatory liabilities of the Contractor.
- c) 3% of the certified bill amount will either be retained from each bill as Performance Guarantee & the same will be released after expiry of guarantee period on certification by Bill Certifying Authority- Electrical Officer In-Charge/ AGM(L&W)/DGM(L&W) of respective Unit/ PS/ PL of concerned Ship /their Nominated officer or on submission of Performance Bank Guarantee of 3% of the value of Purchase Order valid for a period of 60 days beyond the expiry of Guarantee period. For release of this 3% retention money either after guarantee period or on submission of PBG, the PBG release application to be submitted to Contract Cell duly certified by AGM(L&W)/DGM(L&W) of respective Unit / PL of concerned Ship /their Nominated officer after expiry of guarantee period.
- d) Contractor to raise their Invoices following Running Account (RA) Billing System clearly showing the Quantity Ordered, Rate, cumulative quantity of job completed up to previous bills, job completed under this bill and corresponding value of the job. This is to be strictly complied.

Payment of Running Bills will be made on actual certification basis.

- e) Payment Terms for all other items of Appendix-1 of SOTR except SI No. 9 will remain unaltered.

All Other Terms & Conditions, Scheduled Bid submission date of the Tender will remain Unaltered.

Date: 30.09.2022

Ritwik Mandal
DGM (Contract)



GARDEN REACH SHIPBUILDERS & ENGINEERS LIMITED
गार्डन रीच शिपबिल्डर्स एण्ड इंजीनियर्स लिमिटेड
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Web site वेब: www.grse.in, E-Mail ई मेल: dey.ashimkumar@grse.co.in

CIN सी आई एन: L35111WB1934GOI007891

NOTICE INVITING TENDER (NIT)

निविदा आमंत्रण सूचना

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

NIT No निविदा संख्या:	SCC/AKD/OT(PRESS)/ELEC WORK/ASW SWC/044/ET-1894 Dated: 07/09/2022
Job Title कार्य का नाम:	“Biennial Rate Contract for On Board Electrical Work for ASW SWC Ships at GRSE”
Location for Execution	At GRSE MW / FOJ / RBD and / or KOPT
Tender issuing Dept. विभाग द्वारा जारी:	Contract Cell (संविदा विभाग)

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

SCHEDULE सारणी		
Bid submission Starting Date निविदा जमा करने की प्रारंभिक तिथि	27/09/2022	17:15 hrs.
Bid submission Closing Date निविदा जमा की अंतिम तिथि	08/10/2022	12:00 hrs.
Tender Opening Date (Part I) निविदा खुलने की तिथि (तकनीकी- वाणिज्यिकबोली भाग-I)	10/10/2022	16:00 hrs.
Offer Validity Period minimum ऑफर की नियुक्तम वैधता अवधि	120 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 (refer clause 03 of STAC) निविदा प्रपत्र मूल्य (स्टैक के परिच्छेद 03 में उद्धृत)	INR 500/-* (Rupees Five hundred Only)
Earnest Money Deposit (EMD) (refer clause 04 of STAC) बयाना राशि जमा (स्टैक के परिच्छेद 04 में उद्धृत)	INR 8,00,000/-* (Rupees Eight Lakhs Only)
Security Deposit (SD) प्रतिभूति	3% of individual Work Order Value (inclusive of GST)
PBG पी बी जी	3% of individual Work Order Value (inclusive of GST)
Liquidated Damages परिनिर्धारित नुकसान	0.5% per week, Max 5% of unexecuted job
Billing Frequency बिल करने की अवधि	Progressive bill basis
Evaluation of L1 एल1 का मूल्यांकन	In Totality based on quantity mentioned in Price bid

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. Non-submission of EMD or a valid MSE/NSIC certificate may lead to offer rejection.

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

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	Price Escalation Details Guideline (attached with NIT)
Annexure 7 संलग्नक-7	Guidelines of Vendor Rating system & performance Evaluation mechanism for job loading (attached with NIT)
Annexure 8 संलग्नक-8	Fire & Safety Guidelines (please refer www.grse.in →Tender→Enclosures Related to tenders of Sub-Contracting Activities)



Annexure 9 संलग्नक-9	Special condition of contract (please refer www.grse.in →Tender→Enclosures Related to tenders of Sub-Contracting Activities)
Annexure 10 संलग्नक-10	Contractors Responsibility (please refer www.grse.in →Tender→Enclosures Related to tenders of Sub-Contracting Activities)
Annexure 11 संलग्नक-11	General Requirement (please refer www.grse.in →Tender→Enclosures Related to tenders of Sub-Contracting Activities)
Annexure 12 संलग्नक-12	Check List for Bill Submission (attached with NIT)
Annexure 13 संलग्नक-13	PF, ESI declaration form (please refer www.grse.in →Tender→Enclosures Related to tenders of Sub-Contracting Activities)
Annexure 14 संलग्नक-14	Format for - Bank Guarantee Format for SD (please refer www.grse.in →Tender→Enclosures Related to tenders of Sub-Contracting Activities)
Annexure 15 संलग्नक-15	Format for - Bank Guarantee Format for PBG (please refer www.grse.in →Tender→Enclosures Related to tenders of Sub-Contracting Activities)
Annexure 16 संलग्नक-16	Format for - Bank Guarantee for EMD (please refer www.grse.in)
Annexure 17 संलग्नक-17	Check List of Statutory Responsibility of Contractor within GRSE (attached with NIT)
Annexure 18 संलग्नक-18	Format for Integrity Pact (attached with NIT)

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

Self-Attested documents are to be scanned and uploaded with Part I of e-bid ई-बिड के भाग-1 के साथ स्कैन एवं अपलोड हेतु स्वअभिप्रामाणित दस्तावेज		
SL	DESCRIPTION	
1	DD/PO or MSE/NSIC Exemption certificate towards tender fee	Yes
2	DD/PO /BG or MSE/NSIC Exemption certificate towards EMD	Yes
3	Technical Acceptance format as available with NIT after being downloaded and filled up	Yes
4	Commercial Acceptance Format as available with NIT after being downloaded and filled up	Yes
5	Documents meeting the Technical Eligibility Criteria as per format at Annexure 3	Yes
6	Documents meeting the Financial Eligibility Criteria as per format at Annexure 4	Yes
7	Audited/Certified Annual Accounts and Annual Report for last three (03) financial years ending on 31st March'21 in support of Financial Eligibility.	Yes
8	Self-certification for not having blacklisted /not received any tender holiday as per format at Annexure 5	Yes
9	Solvency Certificate of [INR "50 Lakhs"] from Banker Required	Yes
10	PAN /TAN, GST, Labour License Certificate, Registration Certificate of the Company with ROC	Yes



11	Partnership Deed / Memorandum and the Article of Association of the firm confirming partners and lead partner.	Yes
12	Joint Venture Agreement / Memorandum of Understanding with Power of Attorney in favour of lead member.	NA
13	Copies of registration with PF, ESI authorities/ / last challans etc.	Yes
14	Integrity Pact (refer clause 01 of STAC) Annexure 18	Yes
15	Government E-Market Place (GeM) registration certificate with Unique GeM Seller ID	Yes

- a. In case of non-submission of documents as mentioned above, the bidder is liable to be considered as disqualified.
- b. The Bidders has to submit ink signed hard copy of all above documents within 03 days from opening of Part I bid.
- c. Registered Vendors with GRSE need not upload documents at Sl. 10 above, if valid documents already submitted / available with GRSE Vendor Registration Cell.
- d. Bidders have to indicate Unique GeM Seller ID in COMMERCIAL MATRIX or prior to opening of price bids, failing which price bid of the bidder will not to be opened for further processing.

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

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

Note: Above mentioned original Negotiable Instruments as stipulated, to reach to **GM (CC & VD)**, Contract Cell, Commercial Department, New Building complex, 1st Floor, GRSE Main Unit, 43/46, Garden Reach Road, Kolkata-700 024 within stipulated period as indicated above in a sealed envelope with tender number and job duly superscripting on it.

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

(A) Tenure of Contract संविदा कार्यकाल- Initially, the rate contract shall be established for a period of **02 (Two) Years** from the date of commencement. The contract period may be extended for a further period of maximum 02 years with an escalation of rates [one time and not on yearly basis] or reduced as per requirement of GRSE production schedule.

The RC shall be applicable for 04 nos. ASW SWC Ships. However, the same will be applicable for any other upcoming projects of GRSE.



(B) Mobilisation Period लामबंदी अवधी- Mobilization of resources to be completed within 03 days from the placement of PO/LOA/Receipt of Site Clearance from GRSE. Purchase Order will be issued Yard Wise for Ships under construction at GRSE.

(C) Job Starting Date कार्य आरम्भ तिथी - Job is to be started as per requirement of GRSE in consultation with PL / In-charge L & W of respective Unit.

(D) Job Completion Schedule कार्य समाप्ती तिथी - Time is the essence of this Contract.

The Job completion will be strictly as per GRSE schedule subject to availability of site clearance, materials and drawings.

Minimum Required monthly throughput per Site for long lead activities will be as follows:

Sl	Activity	Monthly Throughput
a)	Fitment of Cable Tray/Ladder	600 M
b)	Fitment of MS rod, AL Flat Bar or pipe for local route	1800 M
c)	Cable Laying and Dressing	30 KM

However, total job completion period will be indicated in the individual purchase order.

(E) Place of Work & Facilities: The work has to be carried out by the contractor at different Units of GRSE and or KOPT and as per the scope of work mentioned in the SOTR and requirement projected by berths time to time. In case of shifting of the ships in different units for the requirement of production, the job has to be executed in any unit of GRSE.

ARTICLE 7 अनुच्छेद-7: JOB EXECUTION कार्य निष्पादन -

Job is to be carried out strictly as per SOTR (**SOR No: GRSE/L&W/22/01**) at **Annexure-1**, Drawings, GRSE requirement and in case of doubt, instructions of the Engineer-in-charge/ PL OR their nominated representative are to be followed.

The Contractor shall maintain a record/register against the material supplied by GRSE to them, indicating the quantity received and installed. The records shall be submitted by the Contractor **quartermonthly** to the Engineer In-Charge / PL or his nominated representative for review and authentication. The Contractor shall prepare and submit a reconciliation document every month and the same shall be duly certified by Engineer In-Charge / PL or his nominated representative. Balance unused materials, if any have to be returned to GRSE by the contractor on completion or termination of the contract.

ARTICLE 8 अनुच्छेद-8: GURANTEE & WARRANTY गारंटी एवं वारंटी -

Guarantee / Warranty of the job: Applicable for a Period of **12 months** from the date of final inspection /completion of the job. The details are as per clause 08 of STAC (Annexure 2)

ARTICLE 9 अनुच्छेद-9: PRICE मूल्य -

Price quoted will be firm and fixed till the tenure of the contract of two (02) years. Price is to be quoted with all taxes & duties except GST. GST is to be indicated separately in the Price Bid and will be paid extra as per ruling rate. No escalation whatsoever will be considered under any circumstances within the valid tenure of contract.



ARTICLE 10 अनुच्छेद-10: ESCALATION मूल्य वृद्धि -

The initial established rates will be valid till the tenure of the contract of two (02) years. Thereafter, one-time Escalation will be applicable on the established rates as detailed in **Annexure 6**, only for the unexecuted portion of work which goes beyond the contractual period and where the delay thereof is proved beyond doubt and not attributable to the contractor. Where the job has already loaded and it is under progress will not be considered for escalation of price.

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

The portion of the job completed and pending portion on which the escalated rate is applicable, will be decided through discussion and mutual accordence between GRSE and Contractor, 02 months prior to the expiry of the contractual period. The escalated rates will ONLY be applicable for the portion of work started/executed after the expiry of the contractual period and where the delay is not attributable to the contractor.

ARTICLE 11 अनुच्छेद-11: UNREASONABLE QUOTES अतर्कसंगत भाव -

- a. In case the price of L1 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.
- b. 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.
- c. If the justification is acceptable to GRSE, then the bidder has to submit a declaration to execute the job till satisfactory completion of entire contract. In case of breach of contract GRSE shall reserve the right to impose tender holiday for a period as per GRSE Vendor policy.

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

Offer is to be valid for **120 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 **120 days** against valid reason.

ARTICLE 13 अनुच्छेद-13: CONDITIONAL OFFER सशर्त प्रस्ताव -

Conditional offers w.r.t. SOTR (Annexure 1) will not be accepted.

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

L1 bidder will be decided on **Totality Basis based on the tendered quantity** indicated in the **Price Bid**.



ARTICLE 15 अनुच्छेद-15: BOQ बी ओ क्यू -

- a) The tentative quantity indicated in the SOTR is for 01(one) ASW SWC Ship only. However, quantity indicated in the price bid is for 04(four) nos. AWS SWC Ships. Determination of L1 bidder will be done based on quantity of 04 nos. ASW SWC ships only.
- b) The quantity beyond 04 nos. ASW SWC Ships may vary up to **+300%** of the price bid quantity.
- c) The quantity mentioned in the Price Bid is tentative and it may vary according to actual requirement of job during the period of rate contract. The selected Bidder has to execute the required quantity at same rate and Terms & Conditions up to variation of **(+ 300%)** in addition to the initial quantity of 04 nos. ASW SWC Ships for individual items and the total job value may be increased up to **100%** in addition of initial total job value. Similarly, the quantity of individual items as well as total job value may be reduced also as per GRSE project requirement. Necessary amendment of the Purchase Orders will be issued accordingly. The contractors will be loaded according to GRSE project requirement.

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 will also be intimated about their non-consideration for further processing.

ARTICLE 17 अनुच्छेद-17: MICRO & SMALL ENTERPRISES सूक्ष्म एवं छोटे 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: ASSESSMENT OF VENDORS AND DISTRIBUTION OF JOBS TO MULTIPLE BIDDER विक्रेताओं का आंकलन एवं विविध बोली लगाने वालों में कार्य वितरण -

- i. Selection of vendor: A pool of Techno-commercially cleared vendor will be created through negotiation based on the submitted documents against the tender. Price bids of those qualified vendors will be opened.
- ii. Establishment of rate: After opening of price bids and finalization of price with L1 bidder through negotiation (if required), the established rate will be offered to qualified bidders chronologically (L2 / L3 / L4 & so on). The vendors who are interested for the job have to accept the L1 rates for execution of the job.
- iii. Distribution of job:
 - a) GRSE Ltd. at its discretion intends to distribute the total job among 03 (Three) parallel contractors as per their chronological ranking (L1, L2, L3, L4 & so on) depending on the requirement of GRSE during the tenure of the rate contract.



- b) The total job will be distributed in the approximate ratio of 50:25:25 among three vendors. The L1 vendor will be awarded the job for 02 (two) ASW SWC Ship (tentatively first & fourth) and subsequently the next 02 bidders (L2/L3/L4 & so on) will be engaged chronologically for the remaining two ships.
- c) In case the L2/ L3/ L4 or subsequent bidder does not accept the L1 rate, the job of remaining 02 (two) ASW SWC Ships will not be loaded on the L1 bidder.

iv. Additional future requirement: - To cater future requirements other than 04 nos. ASW-SWC Ship within the tenure of contract, GRSE shall reserve the right to load the job to the other techno commercially qualified bidders (i.e L4/L5/L6 & so on) for this tender subject to their acceptance of established rates and each bidder will be loaded ship wise.

Note:

- a) Individual Work Order will be issued Ship wise.
- b) The loading of the job will be purely based on GRSE requirement and performance of the vendor. If the performance is not satisfactory, then the job allotted will be withdrawn and will be distributed to other available vendors as per discretion of GRSE. No claim from individual vendors will be accepted.

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

Bidders should be a PSU/ Limited Co/ Pvt Ltd. Co incorporated in India [i.e. **Proprietorship firm, Joint Venture company, partnership firm, LLP are not eligible**] and must fulfill the following minimum pre-qualification criteria:-

a. Technical Criteria तकनीकी मापदंड -

1. Bidder must have experience of successful execution of similar Electrical work (ref: SOTR at Annexure-1 for any sea going ship built under any classification society /Indian Navy during last **07** years ending **31st August 2022** should be either of the following:

- a) Three similar completed works each costing not less than **Rs 1.61 Crore**
OR,
- b) Two similar completed works each costing not less than **Rs 2.01 Crore**
OR,
- c) One similar completed work costing not less than **Rs 3.21 Crore**

(Description of similar job: Electrical work onboard warships of Indian Navy/coast guard from Cable routing using MCT Glands, to Gland packing, connectorisation and safety checks)

2. The bidder should submit the following in support of Technical Eligibility:

- i) Work Order copies in support of the bidder's experience and past performance during last **07** years ending on **31st August 2022**.



- ii) Satisfactory Work Completion Certificates indicating the work order numbers, issued by the party for whom the work is 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.

(Documents mentioned in above clauses to be submitted with Techno-commercial bid without which no submitted offer will be considered for processing of tender).

b. Financial Eligibility Criteria वित्तीय मापदंड -

1. Bidder's Average Audited Annual financial turnover during last 03 financial years ending on **31st March 2021** should be at least **Rs. 1.21 Crore**.
2. Bidder shall provide Solvency Certificate for a sum of **Rs. 50 Lakhs** from a Scheduled bank (not more than six months old from the due date of tender) other than any co-operative bank.
3. 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'/DPSUs'/Central & State Govt. Organizations PSUs/Central & State Govt. Organizations or any other Government / Quasi Government Organizations during last 03 (three) years ending on **31st August, 2022**. The bidder has to submit self-certification for the same along with the techno-commercial offer. GRSE reserves the right to independently verify the same. In case violation of declaration is detected at any stage of tender process and during currency of contract, the order will be terminated.

Note:

a) If any bidder has been black listed by any PSUs/Central & State Govt. Organizations or any other Government / Quasi Government Organizations, then the bidder is not eligible to participate in this tender. If any discrepancy is detected at any stage of the tender, then the offer submitted by the bidder / contract awarded to the bidder will be cancelled and EMD/SD shall be forfeited and appropriate action will be taken in accordance with the vendor policy of GRSE.

b) If any bidder has been 'Put on Tender Holiday' by any PSUs/Central & State Govt. Organizations or any other Government / Quasi Government Organizations, then this fact must be clearly stated and it may not necessarily be a cause for disqualifying them.

c) In case of non-submission of the self-certification document as per format at **Annexure-5**, the bidder will be treated as non-responsive and their offer will be rejected.

(Documents mentioned in above clauses to be submitted with Techno-commercial bid without which no submitted offer will be considered for processing of tender).

- c. Requisite formats attached with NIT as Annexures 3, 4 & 5 of Article 3 to be filled up in support of above technical and financial eligibility criteria.



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 if there be any doubts as to the meaning of a provision or requirement, the same shall immediately brought to notice of GRSE Tendering Dept. in writing, not less than 07 days prior to bid closing date.
3. It is understood that in receiving this bid, GRSE assumes no obligation to enter into a contract for the WORK covered by this bid request. GRSE reserves the right to reject any or, 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.

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.

4. General Contractors assumes 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, Health & Safety rules, regulations, policies, procedures and guidelines when performing work in the facility or site.
5. Bidders objecting on any grounds to any bid specification or legal requirements imposed by these bidding documents shall provide written notice to GRSE within 10 calendar day 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.
6. **Independent External Monitors (IEM) आई. ई. एम -**

Either or both of the following Independent External Monitors will have the power to access the entire project document and examine any complaints received by him. In case of any change in IEMs, it will be informed accordingly.



The communication details of the IEMs are as follows:-

- A. Shri Bam Bahadur Singh,
Height-7; Flat No.1802, Uniworld City,
New Town, Rajarhat,
Kolkata-700160
Email: bbsinghbeml@gmail.com
- B. Shri Pidatala Sridhar, IRS (Retd.)
Flat 2C, Kanaka Lakshmi Apartments
3-6-467 & 468
Street Number-6,
Himayatnagar, Hyderabad-500029
Email: sridharpidatala@gmail.com

7. Integrity Pact (समग्रताअनुबंध) :

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 documents. Refer Annexure-18.

The "Integrity pact on Govt. issued Stamp paper of Rs. 100 duly filled as per enclosed format to be submitted in original. Bidders to ensure that every page of IP is ink signed with company seal/stamp in every page. [Please refer guideline for IP in STAC (Sl.No.-1) in GRSE website/ Annexure-1 of the tender]

8. Job is to be carried out as per SOTR and instruction of the Engineer in-charge.
9. 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.
10. 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 CNC, failing which the processing of bid will not be taken further.
11. 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.
12. Bidder has to declare in what capacity he is participating in the tender viz. a PSU, Limited Co, Pvt. Ltd. Co., Sole Proprietorship Organization, Partnership firm, Joint Venture, etc. Supporting documents (scanned copy) confirming such status to be scanned and uploaded as attachment to Part I bid.
13. A Bidder is allowed to submit only one Bid under any capacity / status.



14. Difficulty in submitting the bid prior to submission of offer.:

a. Any query/difficulty in understanding of SOTR or other technical Terms may be got clarified from **Mr. Manish Kumar, DM (L&W), Mobile No. 88754 71083, e-mail: Kumar.Manish@grse.co.in** and **Mr. Ashim Kumar Dey, Manager (Contract)/ Main Unit, Mobile No. 75960 23717, e-mail: Dey.Ashimkumar@grse.co.in** prior to submission of offer.

b. Any difficulty in submitting / uploading of e-tender or for any system help **Mr. Saraswata Palit, SM (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]

15. **E-mail Address for communication** संचार हेतु ई. मेल पता: Vendor to provide e-mail address to enable faster communication.

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

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



i) **AMENDMENT OF TENDER DOCUMENT**

- i. Before the deadline for submission of tenders, the Tender Document may be modified by GRSE Ltd. by issue of addenda/corrigendum. Issue of addenda / corrigenda will however be stopped 7 days prior to the deadline for submission of tenders as finally stipulated.
- ii. Addendum/corrigendum, if any, will be hosted on website / e procurement portal and shall become a part of the tender document. All Tenderers are advised to see the website for addendum/ corrigendum to the tender document which may be uploaded up to 7 days prior to the deadline for submission of Tender as finally stipulated.
- iii. To give prospective Tenderers reasonable time in which to take the addenda/ corrigenda into account in preparing their tenders, extension of the deadline for submission of tenders may be given as considered necessary by GRSE.
- j. GRSE will follow the guidelines & directives as promulgated by GOI post COVID 19 pandemic outbreak. All the qualified bidders have to quote considering the same accordingly.

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

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

1. Bidder's failure to furnish sufficient or complete details for evaluation of the bids within the given period which may range in between two to three weeks depending on the deficiencies noticed in the drawings / technical data which shall not however conflict with validity period.
2. Incomplete / Incorrect/ 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. EMD validity period is shorter than specified in the Tender Enquiry.
8. Bidders have indicated / attached / shown any price anywhere else other than as per provision in e-portal [Art.21 (d)], then offer will be treated as cancelled.
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. Bidders not submitting Original instrument of EMD within 7 GRSE working days from the tender closing date.
12. Bidder submitted false/incorrect documents etc.
13. Bidders who have submitted **PRICE** along with Techno-Commercial Bid.

ARTICLE 23 अनुच्छेद-23: POST AWARD APLICABLE CLAUSES ठेका जारी करने के पश्चात लागू उपधारा -

i. **Security Deposit प्रतिभूति जमा -**

Interest free refundable security deposit of 3% of individual work order value (inclusive of GST) is to be deposited in the manner elaborated at clause 05 of STAC.

The firms' registered with NSIC may be exempted from submitting Security Deposit up to the monetary limit for which the unit is registered. And that Security Deposit will be sought from the vendor if the value of purchase order exceeds than the monetary limit.

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

Work done certificate will be issued by the Engineer In Charge (L&W) / Project Leader/PCO of respective ships/Electrical Officer of Berth OR their Nominated officer based on clear inspection report as applicable.

W.D.C. is to include whether work has been completed as per delivery schedule or with delay [in days/weeks specified therein]. Any recovery towards usage of GRSE resources is also to be indicated.

iii. **Bill Submission बिल प्रस्तुति:**

On obtaining WDC, bills are to be raised on progressive basis. Bills are to be submitted considering the Checklist for Bill Submission at **Annexure 12** along with supporting document (Work Done Certificate Copy etc.) at the Bill Receiving Counters located at the respective unit of Company. Bill is to be submitted (in 03 copies) in sealed envelope super-scribing on the envelope the Purchase Order No., Vendor code, Bill / Invoice No., Name of person /employee to whom bill is addressed, for processing. For Ship related Service Bill, the Name of the person to be mentioned on sealed envelope will be the Bill certifying officer, Project Leader of respective ships OR, his nominated officer.

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

iv. **Payment Terms भुगतान की शर्तें:**

a. The 97% bill amount with full GST will be paid as monthly progressive basis within 30 days of receipt of bill (in 03 copies) duly certified by Bill Certifying Authority-AGM(L&W)/DGM(L&W) of respective Unit/ PL of concerned Ship /their Nominated officer & supported with satisfactory Work Done Certificate duly certified by WDC certifying Authority for 100% of job done. Amounts recoverable from contractor, if any, is to be adjusted from 97% payment as per certification of Bill Certifying Authority. Moreover, release of payment is subject to clearance of ESI / P.F. and other labour related mandatory liabilities of the Contractor.



b. Balance 3% of the bill amount will be released after expiry of guarantee period on certification by Bill Certifying Authority- AGM(L&W)/DGM(L&W) of respective Unit/ PL of concerned Ship /their Nominated officer or on submission of Performance Bank Guarantee of 3% of the value of Purchase Order valid for a period of 60 days beyond the expiry of Guarantee period. For release of this 3% retention money either after guarantee period or on submission of PBG, the PBG release application to be submitted to Contract Cell duly certified by AGM(L&W)/DGM(L&W) of respective Unit / PL of concerned Ship /their Nominated officer after expiry of guarantee period.

c. Contractor to raise their Invoices following Running Account (RA) Billing System clearly showing the Quantity Ordered, Rate, cumulative quantity of job completed up to previous bills, job completed under this bill and corresponding value of the job. This is to be strictly complied.

Payment of Running Bills will be made on actual certification basis.

Bill Certifying Authority: AGM(L&W)/DGM(L&W) of respective Unit/ PL of concerned Ship /their Nominated officer.

v. **Liquidated Damages (निर्णीत हर्जाना)**

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

vi. **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.

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



ARTICLE 24 अनुच्छेद 24: SUBMISSION OF BID बिड की पेशी -

1. Last date of submission of Bid / Date of opening of bid is indicated in Tender Document. Tender is liable to be rejected if all the requisite documents are not enclosed with the Part I, Techno-Commercial offer.
2. Date of opening of Part II offer i.e. Price Bid will be notified to all Techno-Commercially qualified bidders in due course after conclusion of TNC/CNC meetings and acceptance of Techno-Commercial offer. After opening of e-Price bids, the techno-commercially qualified bidders can view the System Generated Price Comparison Sheet from their own portal.
3. GRSE reserves the right to accept / reject any Tender in full or in part without assigning any reason.
4. Acceptance Format Matrix should be filled up and attached with techno-commercial bid as marks of acceptance of NIT/SOTR/STAC. In case of non-receipt of filled in STACs acceptance format matrix, it would be presumed that you have accepted all our terms & conditions as per GRSE tender until & unless deviation is specially mentioned in offer.

ARTICLE 25 अनुच्छेद 25: CONTRACT WORKMAN WAGE PAYMENT: -

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

ARTICLE 26 अनुच्छेद 26: STATUTORY RESPONSIBILITY OF CONTRACTOR DEPLOYING THEIR WORKMEN INSIDE GRSE PREMISES – AS PER ANNEXURE-17.

ARTICLE 27 अनुच्छेद 27: REGULARIZATION THROUGH GEM PORTAL:

The order/s on selected bidder/s shall be regularized through GeM portal after finalization of prices. Bidders are requested to consider the same during submission of their quotation.

Ashim Kumar Dey
Manager (Contract)
Garden Reach Shipbuilders & Engineers Limited
43/46, Garden Reach Road, Kolkata – 700 024
Email ID: dey.ashimkumar@grse.co.in
Mobile: +9175960 23717

GRSE Ltd.	SOTR FOR ELECTRICAL WORK	SOTR No. GRSE. /L&W/22/01 Sheet: 1 of 22
Yard No.: All Yards Group: L&W		Rev: 0
Inspection: GRSE	Drawn by: DM(LW-MW) + M(PPC) Date: 23-08-22	Checked by: CGM(PPC)

A. INTENT

It is the intention of GRSE to establish triennial rate contract in order to outsource the Electrical work as detailed in Point B for Ships under construction in GRSE. The rate contract is would be valid for the 04 Nos. ASW SWC ships and other projects being built at GRSE.

B. Detail of Services

<u>Sl.</u>	<u>Activity</u>	<u>Method of Quotation</u>
1	Fitment of Cable Trays / Cable ladders	M
2	Fitment of MS rod, AL Flat Bar or pipe for local route	M
3	Fitment of MCT Glands	EA
4	Fitment of Bulkhead/Deck tubes	EA
5	Fitment of Cable conduits with supply of material up to 25 mm	M
6	Fitment of Cable conduits with supply of material > 25 mm	M
7	Cable laying and dressing up to 10 mm	M
8	Cable laying and dressing > 10 mm to 16.5 mm	M
9	Cable laying and dressing > 16.5 mm to 30.5 mm	M
10	Cable laying and dressing > 30.5 mm to 30.5 mm	M
11	Installation of Equipment up to 5 KG	EA
12	Installation of Equipment > 5 KG up to 50 KG	EA
13	Installation of Equipment > 50 KG to 100 KG	EA
14	Installation of Equipment > 100 KG to 200 KG	EA
15	Installation of Equipment above 200 KG (till 400 Kg will be considered as one unit, 400 Kg to 800 Kg as two units and so on)	EA
16	Glanding Connectorisation, check wire and system commissioning (per core) as follows: -	-----
16A	Terminal block connections up to 1.5 SQM cable core	Per core

GRSE Ltd.	SOTR FOR ELECTRICAL WORK	SOTR No. GRSE. /L&W/22/01 Sheet: 2 of 22
Yard No.: All Yards Group: L&W		Annexure-1 Rev: 0
Inspection: GRSE	Drawn by: DM(LW-MW) + M(PPC) Date: 23-08-22	Checked by: CGM(PPC)

16B	Terminal block connections > 1.5 to 10 Sq-mm cable core	Per core
16C	Terminal block connections > 10 to 35 Sq-mm cable core	Per core
16D	Terminal block connections > 35 to 70 Sq-mm cable core	Per core
16E	Terminal block connections > 70 Sq-mm cable core	Per core
16F	Plug type – crimping/soldering connection	Per core
16G	Plug type – crimping/soldering connection up to 1.5 SQM cable core	Per core
16H	Plug type – crimping/soldering connection Co-axial cables	Per core
17	Fixing of Tally plates	EA
18	Assistance for STW/Trial of systems (to be quoted per system)	EA
19	Emergency Supply Circuit	Per circuit
20	EMI/MC for cat-I, II, IV	EA
21	EMI/MC for flexible copper strap	M
22	Garlanding of Ceremonial Lights	Per circuit
23	Manning of MSB during trials	Per manhour

Note: Tentative Qty. for 01 ASW SWC is indicated at Appendix-1.

I. PRE -QUALIFICATION CRITERIA:

1. Vendor should have undertaken similar works within last 03 years. Similar job is defined as Electrical work onboard warships of Indian Navy/coast guard from Cable routing using MCT Glands, to Gland packing, connectorisation and safety checks.
2. Vendor has to submit document for execution of work against any Purchase order. Relevant Work Done/completion Certificates w.r.t Purchase Order (PO) is to be submitted by Vendor.
3. GRSE Technical Committee may call for additional details, for evaluation and assessment by the committee. Decision of Technical Committee will be binding on the vendor.

GRSE Ltd.	SOTR FOR ELECTRICAL WORK	SOTR No. GRSE. /L&W/22/01 Sheet: 3 of 22
Yard No.: All Yards		Rev: 0
Group: L&W	Annexure-1	
Inspection: GRSE	Drawn by: DM(LW-MW) + M(PPC) Date: 23-08-22	Checked by: CGM(PPC)

II. CONTRACTOR'S SCOPE OF WORK

1. Cable Route Work:

a) Marking and preparation of Cable routes as per drawing for main, separated/signal and aerial conduit cable routes including installation of all related items (Cable Ladder, MCT glands, NWT Glands, Deck/Bhd tubes, MCT Single piercing, 8 mm MS rod & Al flat bar of 4mm for local route, conduit – straight & flexible etc.), making openings, associated gas cutting, grinding, welding of supports for cable runs, preparation and installation of cable route item and conduits should be done by the Sub-contractor.

b) The Job involved are L.O.M., preparation of Cable Route including hot work, fitment of lugs, cable ladder/bends, cable trays, piercing & fitment of cable glands (including running & final welding), laying of conduits (including fitment of all accessories like pipe clamps, sockets, bends, elbows, tees, nipples, sleeves etc.) for cable routes including local routes. The Sub-contractor shall also be required to do painting of lugs, chairs, cable ladders/trays, other hot work of cable route. Any relocation of cable ladders, Cable glands, Bhd. & Dk tubes necessitated by normal ship Board interference problem shall be carried out by the Sub contractor at no extra cost.

c) The Electrical Sub-contractor is also required to carry out the Main & Branch Cable Routes which are partly completed. Left over of the cable routes including piercing points to be undertaken / completed as per the instruction of berth. The sub-contractor will also have to be undertaken the job of the cable route work including piercing of glands where the same are partly completed.

d) Local Cable routes in various compartments may not appear/partly shown in the composite layout drawings. The sub-contractor has to complete the routing based on equipment location of the compartment.

2. Installation of Equipment:

a) Various Electrical, Electronic, Navigation, Communication Equipment /items are to be installed in various compartments as per respective layout drawings.

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b) The Equipment /items are to be lined out prior to erection. The linings out markings are to be got approved from inspecting authority as per QAP.

c) The installation of Equipment includes fitment / welding of lugs, pads, earthing lugs, Seats for Equipment weighing less than 50 KG etc., installation of Equipment/ fittings on necessary shock mounts (wherever applicable), fabrication, erection of brackets and painting of hot work area i.e. lugs, brackets & other equipment mountings.

d) Entire painting scheme is to be completed behind all Electrical Equipment /Items prior to its fitment.

e) After installation of items, same are to be preserved with suitable cover/ mechanical protection to avoid damage till handing over. Cover is to be arranged by the contractor.

3. Laying of Cables:

a) This Job involves taking measurement of cable lengths based on cable schedule /system drawings, taking approval of GRSE on the measured length, laying of cables, preliminary dressing of cables in the Main, Branch, separated & Local routes. The cables will be required to be laid in Cable ladders, MS rod, Al Flat bar and Conduits as applicable. **The cables will have to be tested for Continuity and Insulation before and after laying.** Preparation of insulation test format/ certificate and submission of the same as per format given by GRSE will be carried out by Sub-Contractor.

b) The cables are to be laid through MCT/NWT Glands as per layout plan provided to the sub-contractor. During the process of cable laying, fitment of appropriate Modules / Blocks (according to cable OD) is required to be done by the sub-contractor. Placement of the Modules/Blocks, stay plates at each layers, putting of wedges for proper tightening of the total block is to be carried out by the sub-contractor for each MCT Gland as per recommended procedure provided to the sub-contractor.

c) Special requirement such as tray work in gun blast area etc. will be done as per electrical specification. In Magazine compartments and Barbettes conduit or GI pipes to be provided for laying of cables. Main & separated cable run in exposed

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deck and magazine need guarding by metallic guard will be provided by GRSE. The Sub-contractor should provide adequate free space on either side for fitting guards. Conduit required for magazine & exposed deck to be supplied by the subcontractor.

d) All cables shall be laid carefully and not just pulled, which can result in damages. Pulling back of redundant cables due to modifications or rerouting will have to be done at no extra cost. Cables are required to pass through Multiple Cable Transit system (MCT) where each cable has been identified to be laid through a predetermined path i.e. as per approved cable route drawing and gland sketch.

e) Use of cable tie (both nylon and SS) and other operations, which are necessary to suit at site. Details of cable tie is appended below:

- i) NYLON WEATHERPROOF HALOGEN FREE WIDTH 4 MM (High temperature -25° to 150°C)
- ii) NYLON WEATHERPROOF HALOGEN FREE WIDTH LESS THAN 8 MM (High temperature -25° to 150°C)
- iii) SS (INSULATED) WIDTH LESS THAN 8 MM, tie shall be conforming to American Aerospace Standards SAE AS 3367 SS 316.

f) Sub-contractor shall do all unit cable entry plates & glands and fitment of glands with watertight compound.

g) The sub-contractor is also required to check the route and piercing including those cables through MCT/NWT glands. Rectification, if any, will have to be done by the sub-contractor. Packing of these cables through MCT/NWT glands along with other cables to be laid by the sub-contractor and proving of the same to meet the requirement of APT in presence of IN rep after packing (on completion of laying through those particular glands) will be the responsibility of the sub-contractor.

h) The Sub-contractor has to make requisition (Circuit wise) indicating length of measured cables for each circuit. In the event of any mismatch between measured length and estimated length, the same to be brought to the notice of GRSE Engineer and only after approval by GRSE such circuits are to be laid. If any measured length is found to exceed by 10% and above the estimated length, the same should be brought to the notice of GRSE site Engineer immediately and the same are to be laid after receipt of further directive from GRSE.

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i) Monthly report of System & Circuit wise cable lengths is to be submitted to GRSE. Submission of the same shall be linked with work done certificate.

j) **Dressing of Cables:** The job involves preliminary and final dressing of cables in Main, Branch, Separated, Local Routes and MCT Glands as specified. Cables passing through MCT glands & NWT glands are to be packed as per standard procedure. The MCT glands will have to be packed with the rubber modules in two halves as per drawing and supplied by the manufacturer of the MCT glands for making the glands watertight & airtight. The dressing of cables should commence concurrently with the cable laying job.

k) **Laying & Dressing of De-gaussing Cables:** After completion of cable route work, degaussing cables are to be laid (as per cable schedule) by the contractor. The Job involves taking measurement of cable lengths based on cable schedule, taking approval of GRSE (Site officer) on the measured length, laying, dressing & clipping of cables in the cable trays including packing of piercing points. Degaussing cables will be required to be laid in trays and pipes. Measurement prior cutting is to be vetted in writing by GRSE (berth Officer/ PL).

l) The contractor should clean the conduits by pilot wire brushing and subsequently by blowing compressed Air. This cleaning of degaussing conduit pipes thoroughly before laying of cables is to be recorded in log sheet by contractor QA and counter signed by GRSE Berth Officer. Contractor is to undertake pressure testing after sealing the ends of the conduits as specified in drawings/ document.

4. Termination of cables for system equipment:

a) The Job involves end preparation of cables & termination of cables to various electrical, electronic, navigation & communication equipment / fittings after fitment of glands to the respective equipment as required. Connecting up of all equipment involving methods of cable terminations like crimping, soldering, connecting using plugs/ sockets etc. as per the system requirement/ demand.

b) The job also involves end dressing and end preparation of Cables, Termination, Circuit Identification, Ferruling, Gland/bush packing, earthing, Termination etc. to complete connection with the unit as per NAVAL ELECTRICAL STANDARD and/or Approved SHIP BUILDING PRACTICE.

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c) The Electrical sub-contractor is required to do termination work for the various Equipment /items. Any other items not specifically mentioned but required as per respective system drawings, termination for those will also have to be done by the sub-contractor.

5. Emergency Supply circuit -

a) The Electrical Sub-contractor is also required to carry out Preparation of emergency supply circuit which is totally independent of ship's main route. Emergency supply circuit consists of preparation of flexible cables, laying of permanent cables, installation of connection box, stowage brackets etc.

6. Garlanding of Ceremonial Lights -

a) The Electrical Sub-contractor is also required to carry out Preparation of garlanding of ceremonial lights.

7. STW, Trials Assistance:

a) Sub-contractors will undertake all necessary and essential activities which need to be done to make the electrical & electronic installation work on board, complete in all respect and to reach a stage of readiness to energise, though not specifically stated elsewhere is included in the scope of work of Sub contractor.

b) All the electrical, electronic System/ Equipment shall be installed, connected and check wired and inspection clearance to be obtained by the Sub contractor. STW and functional checks & commissioning will be done by the respective OEMs/ GRSE to whom all assistance be provided by the Sub contractor. The sub-contractor will have to provide the assistance during Part-IV activities at all Ports/Naval Dockyard with operatives/supervisor.

c) The Sub contractor shall associate with GRSE and also provide necessary assistance during STW of Main machineries, Aux machineries trials in Harbour and at Sea. The Sub contractor will also fill GRAQ forms/ Trial schedules as applicable and assist GRSE during final electrical checks as per GRAQ.

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d) The Sub contractor shall also aid any other work like laying of Shore load cables, rigging of external load (Load Tank/ Inductive loads) cabling connection of Shore Switch Board etc. During trials of DA, Converters, AC plants etc. disconnection & reconnection with relaying of Shore supply and other cables during Ship movement till commissioning of the Ship.

e) The Sub contractor shall do the temporary installation & connection of Mooring capstan, Anchor capstan and other electrical equipment require during the launching/movement of the ship.

f) All Ship borne Electrical Systems like SW Boards, lighting, fire detection, Main & Aux machineries etc. after being energised up to be manned and maintained by the sub-contractor till Commissioning of the Ship/ Handing over of the respective System.

g) The installation of equipment and cabling, connection etc. must withstand the normal shock and vibration, movement of the ship and for high ambient temperature, humidity and normal sea life. The installation will be inspected by GRSE/OEM or their assignees, WOT or other trial authorities.

h) EMI/ EMC being part of the installation & connection activities, the Sub contractor will take care of these aspects during cabling, connection etc. Earthing of all equipment, Cable screens, Conduits, Trays, Electrical clean compartments etc. as per specification/ Drawing/ EMI/ EMC guidelines. The Sub contractor has also to coordinate with GRSE & EMI/EMC inspection team during inspection. Defects observed during inspection are to be re-offered after rectification.

i) The Sub-contractor should record the readings and fill the specified electrical system trial formats (GRAQs etc) while conducting trials as and when carried out and take GRSE and WOT signature after completion.

j) Complete electrical support during CST, FMT and Part IV trails for HATs and SATs of Electrical, Electronics and communication systems.

8. Manning of Switchboard:

a) The switchboards are to be manned, as per GRSE requirement, during STW/ trials (including sea trials) of on-board equipment.

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b) At least 02 qualified persons to be present for 8 hours. The persons may be required to stay beyond the normal hours as per requirement of the on board works in progress. In case, demanded by Ship-in charge/PL the support has to be done in shifts A, B & C.

c) Contractor is to maintain log book and get it signed from Berth officer of GRSE and get the work done certified by GRSE.

9. Routine Maintenance:

a) Plan Preventive maintenance/ Routine maintenance of the machinery & equipment shifted/ installed on board the Ship (Including sacrificial Anodes/ ICCP) by GRSE or Sub contractor will be the responsibility of the Sub contractor. Logbooks to this effect will be maintained by the Sub contractor and produced for verification periodically as required. Voltages to be measured for ICCP System/ sacrificial Anodes periodically and Log book to be maintained duly signed by GRSE/Navy Inspection agency.

b) The Sub contractor will be responsible to maintain hygiene for all electrical & electronic equipment by proper covering, periodic dusting & cleaning, replacing fused bulbs, tubes etc. till commissioning of the Ship. Material required for this work i.e. bulbs, tubes etc. will be supplied by GRSE. All equipment on installation are to be covered with canvas cloth/or as advise by GRSE. No equipment inside the compartments are to be covered with plastic.

c) Sub-contractors will be responsible to maintain all batteries installed on board the Ship. Electrolyte & Distilled water will be issued by GRSE.

10. Following activities are also to be carried out by Vendor:

a) Earthing of various equipment as per standard norms / EMI/EMC guideline.

b) Fitment of cable Identification tally (before & after laying of cables).

c) Earthing & bonding of cables and fitment of conduits for mechanical protection and to meet EMI/EMC requirement / Standard. In case of conduit laying – for EMI/EMC continuity bond straps are to be fitted by the sub-contractor.

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- d) All installation work on board must conform to the rules of EMI/EMC guidelines provided by Indian Navy. EMI/EMC guideline to be collected by the subcontractor from GRSE before commencement of work.
- e) Continuity and Insulation test of cables circuit wise before and after laying. Continuity test is also to be done after connection on connectors and terminal trips.
- f) Incorporate all modification (Major or Minor), including necessary hot work, cabling, connection etc. which may be necessary during the installation, inspection and trials of the equipment of the Ship.
- g) Offering all systems and compartments for various stage inspections between LOI and completion of FI and clearing points during inspection, rendering necessary assistance to GRSE/ OEMs while STW/ rectifying the defects etc for commissioning of the Systems.
- h) Installation and connection of Earthling pads.
- i) Proving of MCT/NWT Glands during citadel testing/ATP. Necessary test appliances/tools required proving will have to be provided by the sub-contractor.
- j) Any other activities not listed above but required for successful completion of the related jobs of Cable route work, cable laying, dressing, clipping, Gland packing, etc. are to be carried out by the electrical sub-contractor without any cost implications.
- k) The Sub-contractor will have to submit the record of weight of material taken On-Board duly endorsed by WOT rep. to GRSE Ship-In-Charge fortnightly.

11. Technical Requirement:

- a) The entire electrical installation, Cable laying/dressing, identification marking, termination, fitment of equipment etc. shall be as per relevant Naval Standards/Specifications. Any faulty installation made by the Contractor will have to be rectified within the time stipulated by GRSE. In case of failure by the Contractor to meet the Ship's program, the outstanding deficiency may be rectified by GRSE and all cost of such work will have to be borne by the Contractor.

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b) All electrical fittings and other equipment as shown in the relevant layout drawings will have to be marked on the compartments. Marking of cable routes, cable glands and offering these markings for inspection and getting required clearance from WOT prior to cable laying is the responsibility of the contractor.

c) Welding of all seats, brackets etc. for the entire electrical installation work is to be carried out by the Sub-contractor. Seats for all major deck mounted equipment e.g. switch boards; converters, EDCs, trans-rectifier, transformers, control panels (weighing above 50Kg) etc. will be provided by GRSE. However, side supports/deck head supports are to be fabricated and erected by the sub-contractor to suit site requirement (Materials will be supplied by GRSE). Seats for rest of the equipment to be fabricated & erected by the subcontractor.

d) Modifications of seats (made by sub-contractors) in the event of mismatching at the time of equipment installation shall have to be carried out by the Sub-contractor without any cost implications.

e) Base material for equipment like Angle/ Flat Bar/ Standard Brackets/ Plate / Aluminum & Brass Sheets will be supplied by GRSE. However, necessary mounting arrangements are to be made by subcontractor. The Sub-contractor will have to intimate well in advance regarding the requirement of such raw materials. Drilling of hole on seats, brackets etc. for mounting of electrical equipment will be responsibility of the sub-contractor and to be done by electrical or pneumatic drilling machine only and never by gas cutting.

12. Modification:

a) The Sub-contractor should carry out modification to installation as required by GRSE/WOT due to system changes/modifications up to clearance of P.I. without any extra cost.

b) Modifications necessary, subsequent to installation, to avoid interference with other equipment will also have to be carried out by the Sub-contractor at free of cost. Any change required to be carried out by the firm for installed items shall be mutually discussed and approval for the same shall be obtained from GRSE.

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c) The Sub-contractor will be liable for any shortcomings in the installation/erection/trials work and the same is to be made good at no extra cost. Any modification/rework required due to fault of the Sub-contractor will have to be carried out by them free of cost.

d) Modification required due to change in drawings/systems by GRSE/NHQ shall be mutually discussed and finalised.

e) Modification/rework charges at 120% of the established rate will be payable in case of changes/ modification at the behest of GRSE/due to changes. However, this will have to be done under written instruction from GRSE and a mention to this effect is to be made in WDC. Any rework arising out of defective workmanship or lapses on account of the contractor will not be paid for.

13. Schedule:

a) The Sub-contractor will have to submit their plan in the form of network for completion of the work, matching with the construction schedule of the ship.

b) The Sub-contractor should submit weekly programme of On-Board work one week in advance, matching with GRSE work schedule.

c) While executing the work, the Sub-contractor should consider various inter dependencies on the progress of work, carried out by other departments/Sub-contractors and will have to work in correct sequence with other agencies in different stages. In the event of non-sequence work by the Sub-contractor leading to rework, all cost related to such rework will be charged to Sub-contractor's account.

d) The Sub-contractor should re-schedule their activities as necessary to suit GRSE's fitting out programme and time frame involving their interdependent activities which come out during the course of work.

e) Electrical installation work is to be carried out simultaneously with other groups (Machinery, Plumbing, Structural etc.) who will be working their part of Job. Number of personnel & time required to complete the work in stipulated period is to be planned by the Sub-contractor accordingly. Deployment pattern of man-power of the Sub-contractor will have to be forwarded to GRSE. If required, the sub-contractor will have to deploy the manpower for working in G/ A/ B/ C shifts.

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f) The sub-contractor shall plan their work and intimate GRSE three weeks in advance the date of requirement of drawings/ tech. documents so that the same may be made available to them.

III. CONTRACTOR'S SCOPE OF SUPPLY

1. Equipment fittings including non-corrosive stainless-steel fasteners for Exposed Deck fittings, cable binding ties, ferrules, cable identification brass clips, PVC sleeves/ tapes, glass fibre tapes/sleeves, ampere tape/sleeves, cable binding strap with stud, cable binding thread, tie base/clip, soldering leads/flux, Dowel paste, C.T.C., Grommets for panelled Compartments, wood/Neoprene rubber for conduit sealing will have to be supplied by the Sub-contractor. Any other installation material required for completion of installation/cable laying work are required to be supplied by the sub-contractor.

2. Following installation materials are to be supplied by the sub-contractor-

- a) 1" MS GAL, AL pipe for light fixing, 50NB NWT gland pipe (MS & Al).
- b) PAD, Lug (MS & Al) for Earthing, equipment mounting, Ceremonial lighting.
- c) MS/GI conduit with clamp, SS Flex conduit with jubilee clip.
- d) Mounting bracket for resilient mount of light fittings (MS & Al).
- e) Mounting plate for light fittings, switch-socket, Loop-in-base.
- f) Clamp for Tube light fitting.

3. Supply of "Crimping Sockets" for the connectorization are in the scope of sub-contractor. Any additional electrical panel gland needed (other than OEM supply) are to be arranged by sub-contractor.

4. Cable tie (both nylon and SS) are to be supplied by Vendor:

- a) NYLON WEATHERPROOF HALOGEN FREE WIDTH 4 MM (High temperature -25° to 150°C)
- b) NYLON WEATHERPROOF HALOGEN FREE WIDTH LESS THAN 8 MM (High temperature -25° to 150°C)
- c) SS (INSULATED) WIDTH LESS THAN 8 MM, tie shall be conforming to American Aerospace Standards SAE AS 3367 SS 316.

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5. Supply of all types of identification Tally (BHD/Instruction/Service Tallies) as per GRSE provided Tally Book.
6. All tools & tackles and test equipment required for installation, testing/trials On-Board are to be provided by the Sub-contractor. All test equipment should have proper valid calibration certificates acceptable to inspecting agency.
7. The Sub-contractor shall have to provide all necessary electric/gas welding sets required for their work. GRSE will provide power supply ONLY at one point at the Jetty side.
8. Gases required for gas cutting.
9. The Sub-contractor shall have to arrange staging material for erection work. However, staging erected by GRSE can be used by the Sub-contractor with the consent of GRSE Ship-In-Charge, if the same is available at the specific time of use.
10. The Sub-Contractor should provide qualified and certified welders to meet Naval welding quality requirement. They should also provide qualified electricians, fitters, qualified supervisors, experienced Engineers for carrying out/ supervision of work.
11. Power supply required for the equipment will be fed from Generators/shore supply through Main Switch Board of the ship. Availability of power supply is to be ensured mutually by the Sub-contractor & GRSE supervisors.
12. The Sub-contractor will have to supply all required installation materials e.g. bolts, nuts, washers, (plain & spring), fibre washer and all necessary cable installation/ connection materials as stated.
13. Site engineer of the Sub-Contractor must be equipped with up-to-date Communication Facility like Email.
14. E-Vehicle to be arranged by Sub contractor for carrying materials from GRSE store to their store/on-board. Fork lift/mobile crane for shifting of heavy materials which cannot be transported manually by trolley from GRSE Stores to work place/Ship.

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15. All safety gears (i.e. Welding gloves, Welding shield, Shoes, Helmet, Safety belt, Chest guard, Leg guard etc.) required for on-board work are to be arranged by the Sub-contractor.

16. Sub-contractor is required to provide at least 3 electricians on board during CSTs / FMT of vessel.

IV. GRSE'S SCOPE OF SUPPLY

1. Required Qty. of Paint, Welding Electrodes.
2. Material for fabrication of Seats, Brackets, lugs etc.
3. Electricity Supply.
4. Gland packing material will be provided by GRSE.
5. All relevant drawings
6. Cables, Cable ladders, trays, metallic guard.

V. DELIVERY SCHEDULE/SERVICE LEVEL AGREEMENT

1. Purchase orders shall be placed Yard-wise for Ships under construction in GRSE. Mobilization of resources to be completed within 03 days from placement of PO/LOA/Receipt of Site Clearance from GRSE.
2. All Work to be carried out and completed as per Schedule decided as per clause B II (13) above.
3. Minimum Required monthly throughput per Site for long lead activities will be as follows:

<u>Sl.</u>	<u>Activity</u>	<u>Monthly Throughput</u>
(a)	Fitment of Cable Tray/Ladder	600 M
(b)	Fitment of MS rod, AL Flat Bar or pipe for local route	1800 M
(c)	Cable Laying and Dressing	30 KM

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VI. INSPECTION

1. Naval Shipbuilding programme consist of following 4 parts. Part-I, II and III programmes include various Inspection Stages leading to Ship's CST & FMT.
2. Requirement of inspection and trials are generally as per BR-4050, BR-2553 and BR-1921, Stages of Inspection in brief are as given below:

Sr. No.	Description		Inspection Stages
1.	Cable ladders & Conduits	a.	Cable Route Marking.
		b.	Installation inspection along with the Compartment/ Areas.
1.	Cabling	a.	Cable dressing in Hanger/Trays along with the compartment/Areas.
2.	Bhd. & Dkhd Glands Tubes/ Cable Slots	a.	Bulkhead & Deck head glands position marking
		b.	Installation inspection along with the Compartment/ Area.
		c.	APT Test wherever applicable.
3.	Packing of MCT/NWT Glands as per approved procedure	a.	Fitment of Insert Blocks, Stay Plates, End Packing Block for each gland will be checked after completion of cable laying through each gland.
		b.	Proving of Glands during Citadel Testing.
			ii) Semi-Clean Compartment –PI, II & FI. iii) Clean Compartment –PI, II, FI.
4.	Cable continuity Test	a.	Insulation value of all cables to be noted before termination.
5.	Testing of circuits	a.	Trial as per respective Trial forms

3. Inspection at various stages will be carried out by GRSE (QA), WOT, IRS and other Naval Inspecting agencies as per approved QAP.

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4. The sub-contractor is required to furnish a QAP immediately on receipt of order for meeting all the technical requirements during the work. QAP is to be approved by GRSE & WOT (K).
5. Entire work is to be carried out under inspection by GRSE & WOT/IRS. The sub-contractor shall offer for inspection at each stage and obtain written clearance prior to proceeding to next stage. The sub-contractor shall maintain a record of stage inspection in a Register, which shall be required to be produced for clearing the work done certificate.
6. Various inspection stages will be generally as per stages/activities. The sub-contractor however, shall offer the work for inspection in parts for ease of work and smooth progress.
7. The sub-contractor shall offer work carried out at any stage as required by the inspection agency.
8. Notwithstanding the above, the sub-contractor shall offer work carried out at any stage as required by the inspecting agency.
9. Materials, which are under subcontractors' scope of supply shall be approved by GRSE and WOT / IRS prior to use. For consumables makers G.C. is required to be furnished by the sub-contractor.
10. Defects arising out following Inspection are to be rectified / liquidated within the time schedule to be informed by GRSE.

VII. WORK DONE CERTIFICATE

1. Work done will be certified on submission of certified inspection certificate as per QAP by PCO/Electrical officer of Berth.
2. Bill shall be certified by Project leader or DGM/AGM (LW) of respective Unit of GRSE

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C. DISTRIBUTION OF JOB

1. Bidders to quote line item wise and L1 will be decided on the overall price bid.
2. Electrical job of a particular yard shall be loaded on a single vendor.
3. GRSE shall distribute the total Electrical work of the shipyard between L1, L2 and L3 vendors.

D. STANDARD TERMS AND CONDITIONS

1. Proper safety measures are to be taken by all the personnel engaged in painting work i.e. like Breathing Musk, Safety Shoes etc.
2. Vendor has to follow all GRSE safety guidelines
3. Clean ship condition is to be maintained every day by sub-contractor and if cleaning is carried out by GRSE, it will attract cost deduction from the sub-contractor.
4. Vendor supervisor needs to fill daily safety log, daily safety permits before starting activity in advance.
5. Sub-contractors are liable to work on board at GRSE (MW), FOJ, RBD or NSDD (KOPT), as per requirement of GRSE
6. Once a material is handed over to the Sub-contractor from GRSE stores, it will be the Sub-contractor's responsibility for proper storing/ preservation/up keeps of the materials till the same are taken over by GRSE/Ships Staff. Any damage/lost of the equipment during this period has to be made up by the Sub-contractor at free of cost without effecting ships delivery period.
7. The items, which will be provided by the Sub-contractor, should be of proper standard and to be got approved from GRSE & WOT/IRS prior to use.

GRSE Ltd.	SOTR FOR ELECTRICAL WORK	SOTR No. GRSE. /L&W/22/01 Sheet: 19 of 22
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8. After drawing of GRSE supply materials from stores, proper up keep and routine maintenance of the equipment will be the responsibility of the Sub-contractor. Necessary certification regarding this from WOT if required, is to be obtained by the Sub-contractor.

9. Since all these drawings are of restricted in nature, the Sub-Contractor should ensure proper care/custody of the drawings and shall not pass on information to any other individual / organisation without written consent of GRSE. The sub-contractor is required to provide a written undertaking in this regard.

10. GRSE Electric power supply points will be provided at indicated locations. Vendor is to assess, during site visit, for any further distribution, which will be under the scope of vendor.

11. All material rendered surplus must be returned to GRSE.

12. Work will be allocated by Paint Shop/PL and the designated and vendor has to mobilize manpower as per work allocated Proper recoding of work to be made after completion of same and duly inspected by inspecting authority.

13. Contractor to ensure safe working condition at their work place. Special care to be taken to provide wooden planks for working platform and rigid ladders etc. to inspection staff & surveyors.

14. Hindrance Register to be maintained by the sub-contractor and put up for approval by the Project Leader/ Paint Shop on weekly basis.

15. Vendor to maintain log book for daily manpower deployment against each Purchase Order.

GRSE Ltd.	SOTR FOR ELECTRICAL WORK	SOTR No. GRSE. /L&W/22/01 Sheet: 20 of 22
Yard No.: All Yards Group: L&W		Rev: 0
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Appendix-1

The Quantity mentioned below is for one shipset for ASW SWC

Sl. No.	Description of Activity	Unit	Qty.
1	Cable ladder & MS Rod (Route marking, inspection, preparation, installation, dressing and clamping / tie binding including degaussing route):		
	i) 150 mm to 400 mm for Main route	Mtr.	2500
	ii) MS Rod 8 mm & MS/Al flat bar for local route	Mtr.	7000
2	Conduit run (Material, Route marking, installation with clamp and sealing) (Material under sub-contractor Scope)		
	i) Up to 35 mm	Mtr.	50
3	A. MCT type Cable gland of MS/Al type (Marking, inspection, cutting opening, installation, welding, painting of welded area, complete packing & APT proofing)		
	i) Size 2x1 & 4x1	Nos.	110
	ii) Size 6x1 & 8x1	Nos.	55
	iii) Size 6x2 & 8x2	Nos.	55
4	Cable SLOT of MS/Al type(Marking, inspection, cutting opening, installation, welding, painting of welded area & packing / rat proofing)		
	i) 50 NB pipe	Nos.	30
	ii) 100x100 & 100x150	Nos.	85
	iii) 150Xx200 & 200x250	Nos.	50
	iv) 50x200	Nos.	90
5	Deck tube / bulkhead tube of MS/Al type (Marking, inspection cutting opening, installation, packing)		
	i) M10 to M25	Nos.	150
	ii) M35 to M50	Nos.	15
6	Cleaning of Degaussing pipes with rags using fish wire, Pressure testing, sealing of both ends of degaussing pipes & welding of JB cover after laying of cable	Mtr.	210

GRSE Ltd.	SOTR FOR ELECTRICAL WORK	SOTR No. GRSE. /L&W/22/01 Sheet: 21 of 22
Yard No.: All Yards Group: L&W		Annexure-1 Rev: 0
Inspection: GRSE	Drawn by: DM(LW-MW) + M(PPC) Date: 23-08-22	Checked by: CGM(PPC)

Sl. No.	Description of Activity	Unit	Qty.
7	Cabling Laying work on ladder, MS rod and dressing & clamping / tie binding:		
	i) OD upto 10 mm	Mtr.	55000
	ii) OD 10.1 to 16.5 mm	Mtr.	25000
	iii) OD 16.5 to 30.5 mm	Mtr.	15000
	iv) OD 30.6 to 52 mm	Mtr.	5000
8	Glanding, Connection, Check wire and System commissioning for Power / Lighting / Control Cables Terminating in equipment		
	i) Core size up to 1.5 Sq-mm	No of core	15000
	ii) Core size > 1.5 to 10 Sq-mm	No of core	2000
	iii) Core size > 10 to 35 Sq-mm	No of core	2000
	iv) Core size > 35 to 70 Sq-mm	No of core	500
	v) Core size > 70 Sq-mm	No of core	500
9	Equipment Installation (with Seats, lug, pad and shock mounts, wherever applicable with earthing pad) (Seats erection < 200 Kg under sub-contractor Scope)		
	i) Upto 5 Kg	Nos.	4000
	ii) > 5 to 40 Kg	Nos.	550
	iii) > 40 to 100 Kg	Nos.	300
	iv) > 100 to 200 Kg	Nos.	100
	v) > 200 and above	Nos.	60
10	Tally – Supply and installation		
	i. Equipment tallies	Nos.	10000
	ii. Instruction tallies / service tallies	Nos.	100
11	Emergency Supply circuit	Nos.	75
12	Garlanding of Ceremonial Lights	Nos.	17
13	List of systems for STW / Trial assistance / Handing over	Nos.	70

GRSE Ltd.	SOTR FOR ELECTRICAL WORK Annexure-1	SOTR No. GRSE. /L&W/22/01 Sheet: 22 of 22
Yard No.: All Yards Group: L&W		Rev: 0
Inspection: GRSE	Drawn by: DM(LW-MW) + M(PPC) Date: 23-08-22	Checked by: CGM(PPC)

Sl. No.	Description of Activity	Unit	Qty.
14	Manning of switchboard	Per Man-day	1000
15	EMI/MC		
A)	Cat -C Type IV	Nos	200
B)	Flexible copper strap type III	Mtr.	100



STANDARD TERMS & CONDITIONS (STAC)

मानक निबंधन और शर्तें (एसटीएसी)

(1) Integrity Pact समग्रताअनुबंध:

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.

(2) Micro & Small Enterprise (सूक्ष्मऔरछोटेउद्यम) -

- a) i. Purchase preference will be given to eligible Micro and Small Enterprise firms as per MSME Act on submission of valid Udyam Registration Certificate (URC), Udyog Aadhar Memorandum (UAM) valid till 31.03.2022 or NSIC copy along with their offer to claim the benefit. Tendered Service is to be listed in the URC, UAM 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 will be given to MSEs: -
 - (i) Issue of Tender sets free of cost.
 - (ii) Exemption for payment of Earnest Money Deposit.



- (iii) In addition, firms registered with NSIC will also be entitled to exemption for submission of Security Deposit subject to monetary limit stated in the certificate.
- 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/ UAM (valid till 31.03.2022) /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 Tenders: - 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/ Udyog Aadhaar Memorandum (UAM) valid till 31.03.2022.
- 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

- 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. Non-submission of EMD or a valid MSE certificate may lead to offer rejection.

v. Refund of Earnest Money Deposits

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.

vi. Forfeiture of Earnest Money Deposit (बयाना जमा की जब्ती)

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 21 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
 4. If any registered vendor with Fixed EMD withdraws its bid prior to finalisation of the order and during the period of bid validity, the Fixed EMD as deposited by the vendor shall be liable to be forfeited.

(5) **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. 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 our 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 which has to be certified by PL/Engineer-in-charge of GRSE 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.
- iv. NSIC registered under single point may be exempted from depositing the security deposit. However, this will be as per prevailing rules circulated by D.P.E from time to time. To claim the exemption a copy of NSIC certificate is to be scanned and enclosed with the technical bid (Part – I) and the list of activities contained in NSIC certificate / EM Part-II should cover the activity for which tender is issued.

- (6) **COMPLIANCE OF ESI & PF (ईएसआई और पीएफ़ का अनुपालन):** - If ESI & PF of the engaged laboures are not deposited to respective authorities in due time, GRSE will deduct the same amount from bills of the vendor and will deposit with the authorities. In such cases GRSE has the right to charge 10% interest for delayed compliance of statutory provisions.



(7) **GST REGISTRATION (जी एस टी पंजीकरण):** - The vendor will have to submit copy of GST registration certificate along with the Technical bid.

(8) **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.

(9) **PRICE (मूल्य):**

a) Price bid need to be filled up in html format only through e-portal. No other attachment regarding price will be allowed if so then offer will be treated as cancelled. But 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) L1 bidder will be decided based on quoted total cost / item wise rate / Package wise as mentioned in NIT. GRSE may engage multiple vendors based on production requirement / performance by the vendor. Engagement of multiple vendors against the tender will be as per NIT.

c) As a general rule, Price Negotiation with L1 vendor (s) will not be entered into as far as possible, unless warranted by unreasonable price quoted in the opinion of GRSE.

The price should remain firm & fixed till satisfactory execution of the entire contract as per NIT. GST will be paid extra as per the ruling rate. GST registration certificate for the service being tendered is to be enclosed with the techno-commercial bid. If the certificate is not obtained so far, copy of the application for registration for the service under consideration is to be enclosed. GST registration number is to be quoted in all bills.

(10) **JOINT VENTURE OR CONSORTIUM (संघटन): Not Applicable**

(11) **SUB-CONTRACTING OF SUB-CONTRACTED JOB (उप संविदा कार्य का उप संविदा):**

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When an order is issued to a Vendor/ Contractor for execution of a particular job, the Contractor shall not sub-contract the job / a part of the job without approval from the employer and without intimation of the name and credentials of the said sub-contractor.



- (12) **EXCESS/WASTE/REJECTED MATERIALS (अतिरिक्त/बेकार/ अस्वीकृत सामग्री): -**
Removal of excess/waste/rejected materials etc. generated during execution of work should be arranged at your cost immediately after completion of work each day and for non-removal of same by you, the expenditure incurred by GRSE in removing these materials will be to your account.
- (13) **FIRE & SAFETY PRECAUTIONS (अग्नि एवं संरक्षा सावधानियाँ): -** The Vendor/Contractor shall abide by the Safety regulations of the GRSE as detailed in 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 non-use of safety equipment, Contractor shall be liable for a penalty which is detailed in 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.
- (14) **ENVIRONMENT MANAGEMENT AND OCCUPATIONAL HEALTH & SAFETY (पर्यावरण प्रबंधन एवं व्यावसायिकस्वास्थ्य सुरक्षा): -** The vendor shall ensure compliance of Environment Management System (ISO14001:2004), Occupational Health & Safety (ISO 45001:2018) & Energy Management System (ISO 50001:2011) while carrying out their activity in the yard.
- (15) **ENERGY CONSERVATION (ऊर्जा संरक्षण): -**
GRSE will provide power supply at free of cost for execution of job. You 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.
- (16) **INSURANCE (बीमा): -** 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 :
- (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 FROM AS PER ITC(A) INCLUDING SRCC (ON THE BASIS OF AGREED VALUATION BETWEEN GRSE & CONTRACTORS).
 - (iv) LOADING & UNLOADING INCLUDING TP LIABILITY AT ALL FABRICATORS 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.

- (17) **SITE-INCHARGE/ LOG BOOK/ HINDRANCE & OTHER RECORDS: -**
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 liquidity damages.

(18) **WORKING HOURS:**

The Contractor's normal working hours shall be in between 8AM-5PM. Work may also be required to be carried out in day or night shift 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 at no extra cost.

(19) **INDIVIDUALITY OF THE CONTRACT:**

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.

- (20) Sufficient Supervisory Staff should be provided by you during execution of work and in case of any accident/ damage to GRSE properties, full responsibility will be attributed to you and loss incurred will be recovered from you.

(21) **SECURITY 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. 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.

(22) **REGISTRATION OF APPROVED VENDOR:**

The contractor is to confirm whether they are registered with GRSE as approved Vendor and Indicate Supplier's Code (5 digits) and product Code group. If not an approved vendor, provisional vendor registration code is to be taken from GRSE Vendor Registration Cell prior to placement of order.

(23) **CONTRACT WORKMAN WAGE PAYMENT: -**

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.



(24) In case of Limited tender any bidder is not interested to quote, Vendor's confirmation of having received the tender but not willing to quote / regretting to quote, must be forwarded for GRSE reference & records. This should be treated as a requirement for the Vendor's name to be retained in GRSE's select list. In case where a particular Vendor has not responded to tender enquiry for more than 3 times, its name will be liable for de-registration.

(25) **INSPECTION: -**

- (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.

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.

(26) **CORRECTION OF ERRORS:**

Bids determined to be responsive will be checked by the Employer for any arithmetic error. Errors will be corrected by Employer 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 E-PROCUREMENT: -

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.

(27) FORCE MAJEURE:

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.

(28) TERMINATION OF CONTRACT: 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.

(29) DAMAGE OF MATERIALS / EQUIPMENTS: 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 man. The cost of damage will be suitably recovered from vendor's bills.

(30) OFFICE & STORAGE SPACE: 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.

(31) 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.

(32) **JURISDICTION:** 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) GSRE 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 NIT (Notice Inviting Tender) and STAC, NIT statement may be taken as final.
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 TECHNICAL ELIGIBILITY

1. **Name of the Bidder:**

2. **Job Description:**

3. **Tender Reference:**

(A) **Details of Executed relevant jobs:**

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

(Signature of Authorized Representative with official seal)

Date:

Name:

Designation:

Note: Please add additional pages if required.



ANNEXURE-4

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

Financial Data for evaluating Financial Eligibility

SL. No.	Financial Years	Turn Over (Rs. In Lacs)
1	2020-21	
2	2019-20	
3	2018-19	

(Signature of Authorized Representative with official seal)

Date:

Name:

Designation:



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

(To be submitted in Company's Letterhead)

I / We, Proprietor/ Partner(s)/ Director(s) of M/s. ----- hereby declare that our firm/company namely M/s.-----have neither been blacklisted nor have received any tender holiday by any PSUs/Central & State Govt. Organizations or any other Government / Quasi Government Organizations during last 03 (three) years ending on **31.08.2022** from taking part in Government tenders.

Or

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

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

Signature -----

Name -----

Designation: -----

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

Date:

Signature of Bidder with Seal.



ANNEXURE-6

PRICE ESCALATION DETAILS

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

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

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

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

The methodology for price escalation is as follows:

The calculation for escalation will be based on the changes in minimum daily wage rates circulated by HR dept., GRSE Ltd. as per Notification of Ministry of Labour & Employment, Govt. of India.

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

The Average minimum daily labour wage rate w.e.f. 1st October, 2023 is "Rs. A" (say)

The Average minimum daily labour wage rate w.e.f. 1st October, 2024 is "Rs. B" (say)

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

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

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

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

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



ANNEXURE-7

Guidelines of Vendor Rating System & Performance Evaluation mechanism for job loading

A brief description of the process is given in the succeeding paragraphs.

Vendor rating will be carried out in SAP. The assessment will be a mandatory comprehensive 4-tiered assessment of each vendor before generation of any service entry sheet of Service related PO. The *four* tiers are Production (PL), PP&C, QA and HR.

1. **Brief Description of Vendor Rating:** Each HOD's, *other than HR*, will have to assign respective officer, responsible to assess performance of Service Vendors for respective Yard / Project for particular type of activity. *For HR one dedicated officer will be assigned to provide vendor rating for 'Submission of ESI/ PF etc., adherence to safety norms & IR related issues'*. For instance, in Production, service entry is made by PL of the ship *and therefore, he will provide rating for related service vendors*. PP&C will assign the Officer looking after the project and QA can assign officer accordingly *to provide rating for related service vendors*. Once assigned for a project, the form will have to flow seamlessly from one assesse to the next *as per the Flow Chart in Annexure-I*.

2. Before generation of any Service Entry Sheet against any service related P.O., Rating on Performance of any vendor to be vetted by assigned personnel of GRSE's respective depts. in a sequential manner as furnished in the above-mentioned Excel file. Rating for some of the parameters to be automatically taken from SAP. Weightage (in %) has been assigned against each of the 10 parameters. Average of all ratings against respective parameters to be calculated by the system to calculate Final Rating. Final Rating for each parameter will be calculated as follows:

$$\frac{\text{Average of all Ratings X Weightage (already assigned)}}{100}$$

3. Total Rating will be summation of all respective Final Ratings against each parameter. Final Rating for each parameter will be calculated as follows:

$$\frac{\text{Average of all Ratings X Weightage (already assigned)}}{100}$$

4. Total Rating will be summation of all respective Final Ratings against each parameter.



5. **Proposed mechanism for using Rating for Loading:** Having arrived at the rating of the vendor, which is a score on a 1-5 scale, the following mechanism can be used for considering loading the vendor.

(i) Sl. No.	(ii) Name of Vendor	(iii) Vendor Code	(iv) Value of P.O. Placed during last FY	(v) T/O of Vendor	(vi) Rating	(vii) Recommended Value limits
1					1-5	$(iv) \times (vi) / 3^*$ Or 40% of (v)

* Median value 3 is taken since scale is 1-5.

- Loading on a firm is a function of 2 indices, namely, past performance (rating) and financial strength (T/O).
- Should there be a case, where the Past POs on the firm are not available/ inadequate, 40% of T/O can be used to estimate loading limits.
- Rating higher than 3 indicates above par performance. Accordingly, previous year value limits can be enhanced if score is above 3 and reduced if score is below 3, proportionately.
- If the above condition is met, the distribution among vendors should be in line with the ratings (column vi) given to them, with a caveat, that it will be the endeavor of the Project Group that minimize idle time of the vendors.
- Adoption of guidance rates also enables staggered loading of vendors. While the total work content is known, vendors need not be loaded with the total work on commencement. A monthly/ quarterly load may be given. Additional load will be given on completion of previous load.

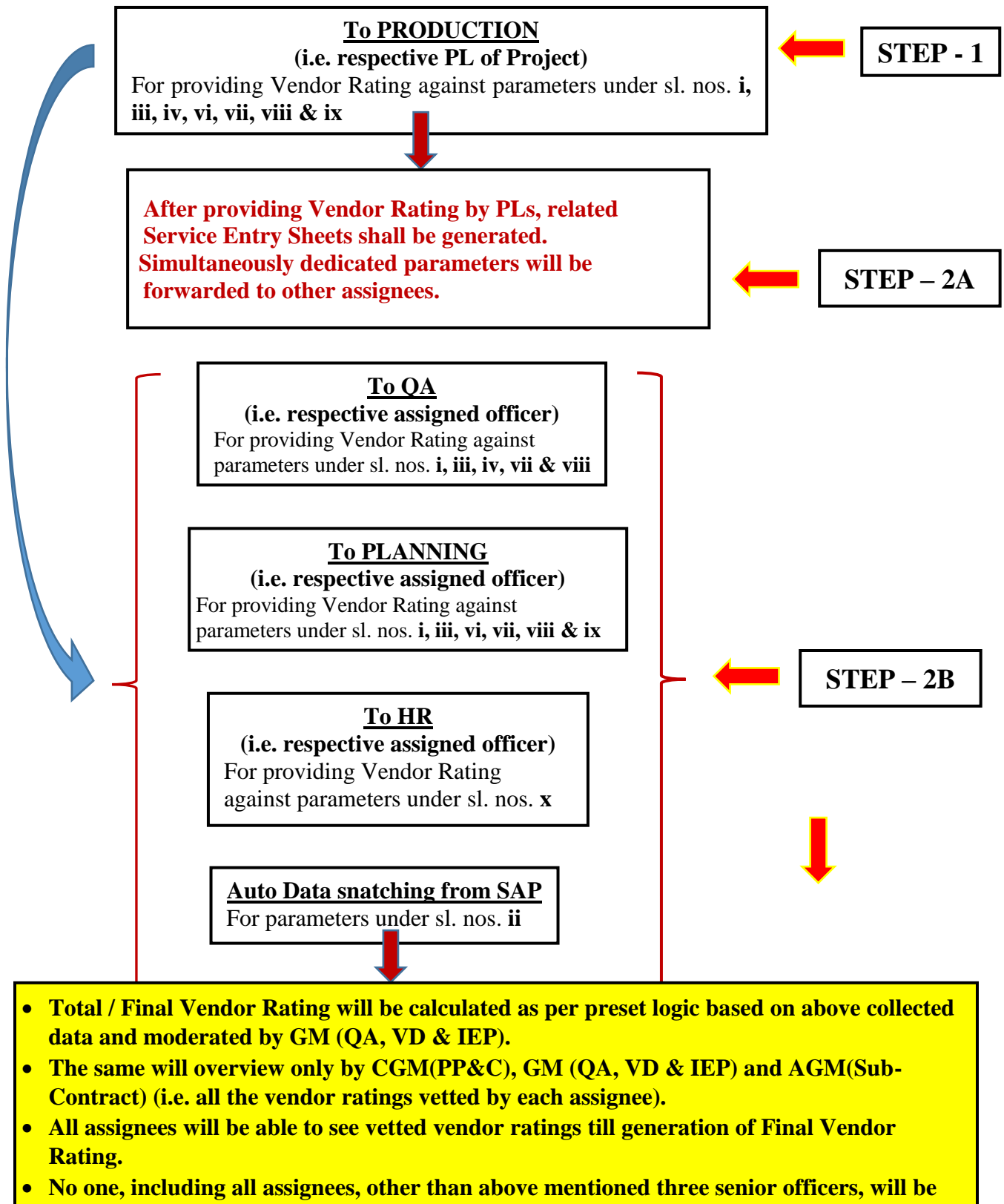


Format for Rating of Vendors' Performance by GRSE Internal Depts. against each Service P.O.

Purchase Order No. with Date	Sl. No.	Parameters to assess Performance of any Vendor against execution of their Service related Purchase Order	Performance Rating					Weightage (%)	Final Rating			
			Sequence of respective GRSE Internal Dept.s' vetting with Shop No. / Yard No.				Production			Q.A.	Planning	H.R.
			Gradation of Vendor Rating: Very Good-5, Good-4, Average-3, Below Average-2, Poor-1									
	i	Quality of Material / Service	Yes	Yes	Yes	Not Reqd.	15	(Average of all X Weightage) / 100				
	ii	The number of rejections / modifications / improvements, affected to the product / service to meet the laid down specifications.	System Generated (Ratings are given below): For 0 & 1 Rejection - Vendor Rating 5 For 2 Rejections - Vendor Rating 4 For 3 Rejections - Vendor Rating 3 For 4 Rejections - Vendor Rating 2 For 5 & more Rejections - Vendor Rating 1					10	(System Generated Rating X Weightage) / 100			
	iii	The quality systems adopted, superiority of the process involved and the Quality Assurance (QA) methods to achieve the end product / service.	Yes	Yes	Yes	Not Reqd.	5	(Average of all X Weightage) / 100				
	iv	The overall effectiveness/independency of the QA Department and the quality management of the Suppliers / Service Providers	Yes	Yes	Not Reqd.	Not Reqd.	5	(Average of all X Weightage) / 100				
	v	Delivery of materials / completion of work within contractual delivery / completion period.	Completion Time initially mentioned in P.O. X 5 / Actual Time of Completion				20	(System Generated Rating X Weightage) / 100				
	vi	Submission of Security Deposit, compliance to stage commitments, wages and other statutory liabilities	Yes	Not Reqd.	Yes	Not Reqd.	5	(Average of all X Weightage) / 100				
	vii	Equipment / Infrastructure owned by the firm and adherence to safety norms	Yes	Yes	Yes	Not Reqd.	10	(Average of all X Weightage) / 100				
	viii	Capable person employed	Yes	Yes	Yes	Not Reqd.	10	(Average of all X Weightage) / 100				
	ix	Planning capability and execution	Yes	Not Reqd.	Yes	Not Reqd.	10	(HR Rating X Weightage) / 100				
	x	Submission of ESI/ PF etc., adherence to safety norms & IR related issues.	Not Reqd.	Not Reqd.	Not Reqd.	Yes	10	(Average of all X Weightage) / 100				
							Total Rating	Average of all Final Ratings				



Before generation of Service Entry Sheet in SAP, flow of the above-mentioned Format to the respective departments will be in following manner:





CHECK LIST FOR BILL SUBMISSION - for Service Contracts

A. GENERAL PARTICULARS: (to be checked and submitted by Contractor/Vendor)				
A.1	BTN (as per BTS System): -			
A.2	Invoice No and date / E-Invoice No. & Date (if applicable for the vendor) (Original & in triplicate)			
A.3	PO Number			
A.4	Name of Vendor			
A.5	Location of work:	MW / RBD/ FOJ/ TU / 61Park/Vendor's premises		
I. For RA Bill (Running/Progressive bill) (Put ✓ Mark)		YES	NO	NA
A.6	PO Number and date verified with Invoice:			
A.7	Vendor Name & Address in Invoice verified with Purchase Order:			
A.8	Vendor Code as in PO verified with Invoice:			
A.9	Original certified WDC enclosed:			
A.10	Whether WDC is Certified by the Authorized Person as per PO / SOTR with Rubber Stamp			
A.12	HSN/SAC code is as per PO			
A.13	GSTIN No. is as per PO			
A.14	GST % is as per PO			
A.15	Security Deposit (SD) submitted as per PO			
A.16	PBG of equivalent amount submitted, as per PO			
A.17	Compliance of Statutory Liabilities of labour as per PO			
II. Applicable for Final/Balance Bill (Put ✓ Mark)				
A.20	Certified Job Completion Certificate (JCC) enclosed			
A.21	MRS as per PO terms enclosed (If applicable)			
A.22	Guarantee Period (GP) expired as per PO term			
A.23	PBG of equivalent amount submitted, if GP is not over (If Yes, copy to enclose with the bill)			

Signature of Vendor's representative
with Seal/Stamp



For GRSE Use Only				
B.	To be checked and verified by Bill certifying authority (Put ✓ Mark)	YES	NO	NA
B.1	Whether Bill has been forwarded through BTS			
B.2	Whether WDC is Certified by the Authorized Person as per PO / SOTR with Rubber Stamp			
B.3	Job starting & Completion Date (Schedule & Actual) indicated in WDC			
B.4	Certification of Penalty/ Recovery from bill indicated in WDC, if applicable			
B.5	Whether Bill is Certified by the Authorized Person as per PO / SOTR with Rubber Stamp			
B.6	Certification of Penalty/ Recovery from bill as per WDC, if applicable			
B.7	Service Entry Sheet (SES)/GR in line with WDC, PO & Invoice			
	For Final/Balance Bill (Put ✓ Mark)			
B.8	Certified MRS copy as per PO terms enclosed (If applicable)			
B.9	Guarantee Period (GP) expired as per PO term and JCC			
B.10	PBG copy of equivalent amount till GP validity enclosed (if GP is not over)			

GRSE Bill Certifying Authority

Signature of
with Designation



ANNEXURE-17 "A"

**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 STATUES FOR ENGAGEMENT OF CONTRACTORS' WORKMEN**

Sl. No.	Relevant Statues	Responsibility	Compliances to be ensured as per the Statute
01	The Factories Act, 1948 & West Bengal Factories Rules, 1958	Contractor	<p>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.</p> <p>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.</p> <p>3. <u>Hours of Work</u>: The total nos. of hours of work in a week, including overtime, shall not exceed sixty.</p> <p>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.</p>
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	<p>1. Every contractor shall obtain the following before commencement of work:</p> <p>(a) PF Code No. of the firm.</p> <p>(b) PF UAN i.r.o of the workmen engaged by him.</p> <p>(c) Ensure submission of nominee and dependent details while applying for UAN of workmen.</p>
		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 Statues	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.



INTEGRITY PACT

This Integrity Pact Agreement is executed thisDay of2022.

Between

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

and

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

Preamble

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

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

Section 1- Commitments of the Principal

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

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

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



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

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

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

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



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

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

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

Section 4- Compensation for Damages.

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

Section 5- Previous Transgression

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

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

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



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

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

Section 8- Independent External Monitor/Monitors

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



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

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

Section 9- Pact Duration:

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

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

Section 10- Other provisions:

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

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

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

(For & On behalf of the Principal)

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

Place.....

Place.....

Date

Date.....

Witness 1
(Signature, Name & Address)

Witness 2
(Signature, Name & Address)