



GARDEN REACH SHIPBUILDERS & ENGINEERS LTD.

गार्डन रीच शिपबिल्डर्स एण्ड इंजीनियर्स लिमिटेड

(A GOVERNMENT OF INDIA UNDERTAKING) / (भारत सरकार का प्रतिष्ठान)

Address: 43/46, Garden Reach Road, Kolkata-700 024 43/46, गार्डन रीच रोड, कोलकाता-700 024

Phone/दूरभाषः(033) 2469-8100 to 8113 (Extn/बिस्तारः200/204/206/211), FAXफैक्सः (033) 2469-3932

Web siteवेब: www.grse.in, E-Mailई मेल: Nandi.Suchita@grse.co.in

CIN / सी आई एन: L35111WB1934GOI007891

CORRIGENDUM – I

| | | |
|---|---|--|
| Job Title / कार्य का नाम | Construction of New Gates at GRSE Main Unit, Kolkata | |
| NIT No / निविदा संख्या: | SCC/NK/NIC/OT/YM/GATE/01/ET-1954 Dated13-Apr-2023 | |
| Tender Due Date / निविदा जमा की अंतिम तिथी | 04-May-2023 (12:00 noon) | |
| Extended Due Date / विस्तारित जमा तिथि | 09-May-2023 (12:00 noon) | |
| Techno Commercial Bid Opening Date | 10-May-2023 (14:00 noon) | |

Clarifications against Pre-Bid Queries

| Sl. No. | Pre-bid Query | GRSE Clarifications |
|---------|--|--|
| 1. | Detail scope of work SOTR Clause No.2 | The detail scope of work shall be as per SOTR clause No. 2. The same was discussed and all the firms understood the scope of work. |
| 2. | Quality and workmanship SOTR clause No. 2.9 | GRSE clarified that the selected bidder has to ensure the quality and workmanship of all items/materials confirming to the BOQ/Technical specification/relevant Indian Standards. |
| 3. | Technical Specification SOTR clause No. 4 | Technical Specification shall be as mentioned in the SOTR |
| 4. | Technical Eligibility Criteria SOTR clause No. 5.1 | GRSE clarified that while evaluating the work experience, the PO value of the successfully executed similar jobs shall be considered. Value of dissimilar jobs like supply of furniture, electrical/electronic appliances, etc. shall not be considered. |
| 5. | Submission along with Technical Offer SOTR clause No. 5.3 | The following documents are required to be submitted along with Technical Bid as mentioned in Clause – 5.3 of SOTR. i) Bar chart / schedule of work ii) Necessary supporting documents for experience as per technical eligibility criteria iii) QAP |
| 6. | Terms of Payment SOTR clause No. 5.10 | The payment terms shall be as per Article 22(3) of NIT, Pg. No. 10 of 89. SOTR clause No. 5.10 superseded. |
| 7. | Ownership of Scrap SOTR clause No. 5.12 | GRSE clarified that all salvageable scrap items i.e. Metal and wood obtained /generated during demolishing of building/ during excavation shall remain the property of GRSE and shall be segregated & shifted and stacked at place earmarked by GRSE within GRSE premises. However, steel embedded within the concrete shall be taken out by the contractor outside the GRSE premises along with all unsalvageable, debris/waste material as generated during dismantling /during excavation. |



| Sl. No. | Pre-bid Query | GRSE Clarifications |
|---------|---|---|
| 8. | Permission to work beyond normal working hours | GRSE convey that permission will be given for working in extended hour till mid night. (i.e. from 06:00 AM to 12:00 AM). |
| 9. | BOQ items | No changes/modifications in the BOQ items. |
| 10. | Gate pass for the contractor labour | The contractor should follow the GRSE's rules and regulation for making gate pass and the contractor workman should enter the GRSE as per the prevailing time schedule. |

- **All TERMS AND CONDITIONS OF NIT including due date of submission of tender remain unaltered.**

Nilanjan Kar

Sr. Manager (Contract) / वरिष्ठ प्रबन्धक (संबिदा)
Garden Reach Shipbuilders & Engineers Limited
43/46, Garden Reach Road, Kolkata – 700063.



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NOTICE INVITING TENDER (NIT)

निविदा आमंत्रण सूचना

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

| | | |
|---|--|-------------------|
| NIT SLA No / निविदा संख्या: | SCC/NK/NIC/OT/YM/GATE/01/ET-1954 Dated 13-Apr-2023 | |
| Job Title / कार्य का नाम | Construction of New Gates at GRSE Main Unit, Kolkata | |
| SOR No: | TS/YM/MAIN/GATE/23-24/01 Dtd: 04-Apr-2023 | |
| Tender issuing Dept. / बिभाग द्वारा जारी | Contract Cell (संविदा बिभाग) | |
| Cardinal Dates | | |
| Date of Prebid Query Submission | 21-Apr-2023 | 12:00 noon |
| Date of Prebid Meeting / बोलीपूर्व बैठक | 24-Apr-2023 | 10:00 hrs |
| Commencement of Bid Submission from | 28-April-2023 | 12:00 am |
| Tender Submission Due Date निविदा जमा की अंतिम तिथी | 04-May-2023 | 12:00 noon |
| Tender Opening Date (Part I) निविदा खुलने की तिथी | 05-May-2023 | 14:00 hrs |
| Contact Persons: | | |
| Query regarding SOTR / Drawing or other technical Terms | Mr. Tanay Saha, SM (YM), E-mail: Saha.Tanay@grse.co.in Mobile no.: + 91-7603039445 /8013383530 | |
| In case of any difficulty in submitting / uploading of e-tender | Mr. Saraswat Palit, Sr. MGR (GRSE E-PROCUREMENT), e-mail: Palit.Saraswata@grse.co.in Contact: +91-33 24893902 | |

NOTE: As per Clause 5.2.2 of SOTR "Bidders are mandatorily required to attend pre-bid meeting"

NIT TERMS & REQUIREMENTS

| Sl. No. | Description | Reference | Requirement of NIT |
|---------|------------------------------------|------------------|---|
| 1. | Tender Fee | STAC | INR 500/- (Rupees Five hundred Only) |
| 2. | Earnest Money Deposit (EMD) | STAC | INR 2,42,000/- (Rupees Two Lakh Forty Two Thousand only) |
| 3. | Determination of L1 | Article – 15 | L1 bidder will be decided on TOTALITY BASIS including GST |
| 4. | Security Deposit | Article – 22 (1) | 3% of total order value (inclusive of taxes) |



| Sl. No. | Description | Reference | Requirement of NIT |
|---------|--|-----------------------------------|--|
| 5. | Performance Guarantee | Article – 22 (2) | 10% of total executed order value (inclusive of taxes) |
| 6. | Liquidated Damages | Article – 22 (8) | 0.5% per week, Max. 5% of unexecuted job |
| 7. | TECHNICAL ELIGIBILITY CRITERIA | Article -1 | As per Clause-5 of SOTR TS/YM/MAIN/GATE/23-24/01 dtd 04-04-23 (Annexure-2) |
| 8. | FINANCIAL ELIGIBILITY CRITERIA | Article -1 | Average Annual financial turnover should be at least Rs. 37 Lakh during last 03 financial years ending on 31 st March 2022 |
| 9. | VENDORS ON TENDER HOLIDAY / BLACKLISTED VENDORS | Article - 3 | Submission of the self-certification document as per relevant format is mandatory. On non-submission of the declaration the bidder may be treated as non-responsive and their offer may be rejected. |
| 10. | OFFER VALIDITY | Article - 4 | 180 days |
| 11. | BOQ | Article-6 | As detailed at Article-6 & Annexure-2A |
| 12. | TENURE OF CONTRACT | Article - 8 | 3 (three) months from date of PO / LOA |
| 13. | Mobilization Period | Article – 9(a) | 7 days from date of PO / LOA |
| 14. | Job Completion Schedule | Article – 9(c) & CI 5.8.1 of SOTR | 3 (three) months from the date of handing over of each site |
| 15. | GUARANTEE & WARRANTY | Article – 10 | 12 (Twelve) months from Job Completion Date. |
| 16. | ESCALATION | Article – 12 | Not Applicable |
| 17. | DETERMINATION OF L1 | Article – 15 | On Totality Basis including GST |
| 18. | AWARDING JOBS TO MULTIPLE BIDDERS | Article – 16 | Not Applicable |
| 19. | Integrity Pact & Independent External Monitors (IEM) | Article – 18 | Not Applicable |
| 20. | Payment Terms | Article – 22 (3) | Terms mentioned at Article-22(3) shall prevail over SOTR. 1. 90% (Ninety percent) of the value of actual work done will be paid progressively against R/A bill. 2. Remaining 10% (Ten percent) shall be released on Completion of the Guarantee period / defect liability period subject to satisfactory liquidation of defects duly certified by Bill Certifying Authority or on Submission of performance Bank Guarantee of equivalent amount valid till expiry of Guarantee period. |
| 21. | Quality Assurance Authority | Article – 22 | SM(YM) / his authorised representatives |
| 22. | Work Done Certificate Authority | Article – 22 | SM(YM) / his authorised representatives |
| 23. | Bill Certifying Authority | Article – 22 | AGM(YM) / his authorised representatives |



Contents

| | |
|--|----|
| INTRODUCTION | 5 |
| ARTICLE/अनुच्छेद 1. TECHNICAL ELIGIBILITY CRITERIA तकनीकी मापदंड | 5 |
| ARTICLE/अनुच्छेद 2. FINANCIAL ELIGIBILITY CRITERIA वित्तीय मापदंड | 5 |
| ARTICLE/अनुच्छेद 3. VENDORS ON TENDER HOLIDAY / BLACKLISTED VENDORS | 5 |
| ARTICLE/अनुच्छेद 4. OFFER VALIDITY प्रस्ताव की वैधता | 5 |
| ARTICLE/अनुच्छेद 5. OPENING OF BIDS निविदा खुलना | 5 |
| ARTICLE/अनुच्छेद 6. BOQ बी ओ क्यू | 5 |
| ARTICLE/अनुच्छेद 7. JOB EXECUTION कार्य निष्पादन | 6 |
| ARTICLE/अनुच्छेद 8. TENURE OF CONTRACT | 6 |
| ARTICLE/अनुच्छेद 9. JOB EXECUTION SCHEDULE कार्य निष्पादन सूची | 6 |
| ARTICLE/अनुच्छेद 10. GUARANTEE & WARRANTY गारंटी एवं वारंटी | 6 |
| ARTICLE/अनुच्छेद 11. PRICE मूल | 6 |
| ARTICLE/अनुच्छेद 12. ESCALATION मूल्य वृद्धि | 6 |
| ARTICLE/अनुच्छेद 13. UNREASONABLE QUOTES अतर्कसंगत भाव | 6 |
| ARTICLE/अनुच्छेद 14. CONDITIONAL OFFER सशर्त प्रस्ताव | 7 |
| ARTICLE/अनुच्छेद 15. DETERMINATION OF L1 एल-1 का चयन | 7 |
| ARTICLE/अनुच्छेद 16. AWARDING JOBS TO MULTIPLE BIDDERS बहुल बिडर के लिए ठेका कार्य | 7 |
| ARTICLE/अनुच्छेद 18. Integrity Pact & Independent External Monitors (IEM): (Applicable for the Contract value more than Rs. 2.0 Cr.) | 7 |
| ARTICLE/अनुच्छेद 19. INSTRUCTION TO THE BIDDERS बिडर हेतु अनुदेश | 7 |
| ARTICLE/अनुच्छेद 20. e-BID INSTRUCTION ई बिड के अनुदेश | 9 |
| ARTICLE/अनुच्छेद 21. BID REJECTION CRITERIA बिड अस्वीकृति के मापदंड | 9 |
| ARTICLE/अनुच्छेद 22. POST AWARD APPLICABLE CLAUSES ठेका जारी करने के पश्चात लागू उपधारा | 10 |
| ARTICLE/अनुच्छेद 23. ANNEXURES FORMING PART OF THIS e-TENDER ई-निविदा की संलग्नक प्रपत्र | 11 |
| ARTICLE/अनुच्छेद 24. DOCUMENTS TO BE UPLOADED अपलोड हेतु दस्तावेज | 12 |
| ARTICLE/अनुच्छेद 25. DOCUMENTS IN PHYSICAL FORM TO SUBMIT वास्तविक प्रपत्र जो जमा करने हैं | 13 |
| ARTICLE/अनुच्छेद 26. SUBMISSION OF BID बिड की पेशी | 13 |
| ARTICLE/अनुच्छेद 27. PRE-BID MEETING बोलीपूर्व बैठक | 13 |
| ANNEXURE -1: STANDARD TERMS & CONDITIONS (STAC)..... | 15 |
| (1) Integrity Pact समग्रताअनुबंध (For the value of Contract more than Rs.2.0 Cr.): | 15 |
| (2) Micro & Small Enterprise (सूक्ष्मऔरछोटेउद्यम) - | 15 |
| (3) Tender Fee (निविदाशुल्क): Non-Refundable: - | 16 |
| (4) EARNEST MONEY DEPOSIT (INTEREST FREE) बयाना जमा (ब्याज रहित) | 16 |
| (5) SECURITY DEPOSIT (INTEREST FREE) प्रतिभूति (ब्याज रहित): | 17 |
| (6) COMPLIANCE OF ESI & PF (ईएसआई और पीएफ़ का अनुपालन) | 17 |
| (7) GST REGISTRATION (जी एस टी पंजीकरण) | 17 |
| (8) GUARANTEE PERIOD (गारंटी अवधि): Guarantee / Warranty is applicable for a Period of 12 (Twelve) months from the date of completion of work. | 17 |
| (9) PRICE (मूल्य): | 17 |
| (10) JOINT VENTURE OR CONSORTIUM (संघठन): | 18 |
| (11) SUB-CONTRACTING OF SUB-CONTRACTED JOB (उप संविदा कार्य का उप संविदा): - | 18 |
| (12) EXCESS/WASTE/REJECTED MATERIALS (अतिरिक्त/बेकार/ अस्वीकृत सामग्री):- | 18 |
| (13) FIRE &SAFETY PRECUATIONS अग्नि एवं संरक्षा सावधानियाँ | 18 |
| (14) ENVIRONMENT MANAGEMENT AND OCCUPATIONAL HEALTH & SAFETY(पर्यावरण प्रबंधन एवं व्यावसायिकस्वास्थ्य सुरक्षा | 19 |



| | | |
|---------------|---|----|
| (15) | ENERGY CONSERVATION (ऊर्जा संरक्षण): - | 19 |
| (16) | INSURANCE (बीमा) | 19 |
| (17) | SITE-INCHARGE/ LOG BOOK/ HINDRANCE & OTHER RECORDS (कार्यस्थल प्रभारी/कार्य-पंजी एवं अन्य लिखित प्रमाण): | 19 |
| (18) | WORKING HOURS (कार्य करने की अवधि): | 19 |
| (19) | INDIVIDUALITY OF THE CONTRACT (ठेका की वैयक्तिकता): | 19 |
| (20) | SECRECY OF INFORMATION (सूचनाओं की गोपनियता):- | 19 |
| (21) | 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 Vendor's confirmation w.r.t. Limited tender | 19 |
| (22) | REGISTRATION OF APPROVED VENDOR (स्वीकृत बिक्रेता का पंजीकरण): | 20 |
| (23) | CONTRACT WORKMAN WAGE PAYMENT (ठेका श्रमिकों की मजदूरी): - | 20 |
| (24) | VENDOR'S CONFIRMATION W.R.T. LIMITED TENDER ENQUIRY | 20 |
| (25) | INSPECTION (निरीक्षण):- | 20 |
| (26) | CORRECTION OF ERRORS (त्रुटी सुधार): | 20 |
| (27) | FORCE MAJEURE (फोर्स मेज़योर): | 21 |
| (28) | TERMINATION OF CONTRACT (अनुबंध की समाप्ती): | 21 |
| (29) | DAMAGE OF MATERIALS / EQUIPMENTS (समान/उपकरण की छति): | 21 |
| (30) | OFFICE & STORAGE SPACE (कार्यालय & भंडारण): | 21 |
| (31) | ARBITRATION (मध्यस्थता):- | 21 |
| (32) | JURISDICTION (न्यायअधिकार क्षेत्र): | 22 |
| | ANNEXURE-2: STATEMENT OF TECHNICAL REQUIREMENTS (SoTR) & DRAWINGS..... | 23 |
| | ANNEXURE-2A: BILL OF QUANTITIES | 45 |
| ANNEXURE – 3: | EXECUTED RELEVANT JOBS for TECHNICAL ELIGIBILITY | 71 |
| ANNEXURE – 4: | FORMAT for FINANCIAL ELIGIBILITY | 72 |
| ANNEXURE-5: | FORMAT OF SELF-CERTIFICATION FOR DECLARATION REGARDING BLACKLISTING/ TENDER HOLIDAY | 73 |
| ANNEXURE-6: | FORMAT FOR DISCLOSURE BY CONTRACTOR OF EXISTING WORK | 74 |
| ANNEXURE-7: | FORMAT FOR DISCLOSURE BY CONTRACTOR OF PROPOSED EXECUTION / DEPLOYMENT PLAN OF THIS TENDERED JOB | 75 |
| ANNEXURE-8: | CONFIRMATION BY BIDDER & CHECKLIST FOR BID SUBMISSION | 76 |
| ANNEXURE-9: | CHECK LIST FOR BILL SUBMISSION - for Service Contracts | 77 |
| ANNEXURE-11: | INTEGRITY PACT | 78 |
| ANNEXURE-11: | NON – DISCLOSURE AGREEMENT | 82 |



INTRODUCTION

Garden Reach Shipbuilders & Engineers Limited, a leading Warship Builders and Engineering Product Company, invites interested, reputed, resourceful and financially solvent contractors to submit **Single Stage two-part bids (Part I: Techno-Commercial & Part II- Price Bid)** through e-tendering mode for the work of **Construction of New Gates at GRSE Main Unit, Kolkata** Detailed Scope of work is mentioned in SoTR (Annexure-2).

ARTICLE/अनुच्छेद 1. TECHNICAL ELIGIBILITY CRITERIA तकनीकी मापदंड

- i. Bidder should comply to Eligibility Criteria mentioned in SOTRs. (**Annexure-2**).
- ii. Format for Technical Eligibility Criteria in this regard has been attached to this document as **Annexure - 3**. The format must be filled up and to be uploaded with the Techno-commercial Bid.

ARTICLE/अनुच्छेद 2. FINANCIAL ELIGIBILITY CRITERIA वित्तीय मापदंड

- i. Bidder's Average Audited Annual financial turnover during last 03 financial years should be at least the amount as specified at NIT Terms & Requirements.
- ii. Requisite formats attached with NIT as **Annexure 4** to be filled up in support of above financial eligibility criteria.

ARTICLE/अनुच्छेद 3. VENDORS ON TENDER HOLIDAY / BLACKLISTED VENDORS

- i. The bidder should give self-certification (as per **Annexure - 5**) that they have neither been Blacklisted nor have received any tender holiday from any PSUs/Central & State Govt. Organizations or any other Government / Quasi Government Organizations during last 03 (three) years ending on the date of submission of the Tended by the bidder. 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.
- ii. 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.
- iii. 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.
- iv. In case of non-submission of the self-certification document as per relevant format referred at SI- (i) above, the bidder will be treated as non-responsive and their offer will be rejected.

ARTICLE/अनुच्छेद 4. OFFER VALIDITY प्रस्ताव की वैधता

- i. Offer should be valid for period as stipulated in NIT Terms & Requirements 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 the stipulated period against valid reason.

ARTICLE/अनुच्छेद 5. 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 farther processing.

ARTICLE/अनुच्छेद 6. BOQ बी ओ क्यू

- (a) BOQ as part of SOTR given in the tender is tentative. It may vary according to actual requirement of job.
- (b) The quantity of individual items as well as total job value may be reduced also as per actual requirement of GRSE.
- (c) Necessary amendment of the Purchase Orders will be issued accordingly (if required).
- (d) Detailed price breakup as per BoQ detailed at **Annexure-2A** is to be uploaded in Portal along with price offer (Part II).



ARTICLE/अनुच्छेद 7. JOB EXECUTION कार्य निष्पादन

Job is to be carried out strictly as per SOTR and GRSE requirement and in case of doubt, instructions of the officer-in-charge of GRSE/ their authorised representative is to be followed.

ARTICLE/अनुच्छेद 8. TENURE OF CONTRACT

The tenure of the contract shall be as specified in the NIT Terms & Requirements.

ARTICLE/अनुच्छेद 9. JOB EXECUTION SCHEDULE कार्य निष्पादन सूची

- (a) **Mobilization Period / लामबंदी अवधी** shall be equal to number of days (as specified in the NIT Terms & Requirements) from date of LOA/PO.
- (b) **Job Starting Date / कार्य आरम्भ तिथी** Job is to be started immediately after mobilization as per direction of WDC Authority / Bill Certifying Authority / their authorized representatives.
- (c) **Job Completion Schedule / कार्य समाप्ती तिथी:** -The job is required to be completed within time limit as specified at NIT Terms & Requirements.

ARTICLE/अनुच्छेद 10. GUARANTEE & WARRANTY गारंटी एवं वारंटी

Duration of Guarantee Period / Defect Liability Period shall be as per requirement mentioned at NIT Terms & Requirements and shall commence from the date mentioned in the Completion Certificate.

Guarantee Period / Defect Liability Period shall be deemed to be over on completion of the specified duration subject to successful and satisfactory liquidation of defects notified within the pendency of the Guarantee Period / Defect Liability Period.

In case of pending unresolved defects, the Guarantee Period / Defect Liability Period shall stand automatically extended till satisfactory liquidation of defects.

ARTICLE/अनुच्छेद 11. PRICE मूल

- (a) The rates QUOTED/ACCEPTED by the bidder, shall be final and will remain **firm and fixed** with all taxes & duties (excluding GST) **for the entire contractual period or till completion of ordered work.**
- (b) The quoted price should also include all statutory cost as mentioned in SOTR.
- (c) GST is to be indicated separately in the Price bid and will be paid extra.

ARTICLE/अनुच्छेद 12. ESCALATION मूल्य वृद्धि

NO ESCALATION of price during the contractual period and/or till completion of complete work (except change in GST Rate, if notified by Competent Authority) shall be applicable.

ARTICLE/अनुच्छेद 13. UNREASONABLE QUOTES अतर्कसंगत भाव

- (a) In case the price of L-1 Bidder is found to quote unreasonably low and/or express desires to withdraw from the tender then such bid will be cancelled and EMD will be forfeited and punitive action will be taken in line with the provision as per GRSE Vendor policy.
- (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 may be liable for rejection.
- (c) If justification is acceptable to GRSE, then Bidder have 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 of at least 03 years.



ARTICLE/अनुच्छेद 14. CONDITIONAL OFFER सशर्त प्रस्ताव

Conditional offers w.r.t. SOTR (Annexure 1) will not be accepted. However, in case the bidder wishes to deviate from any/ some commercial Terms & conditions, then separate deviation statement has to be uploaded along with Part-I bid.

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

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

ARTICLE/अनुच्छेद 15. DETERMINATION OF L1 एल-1 का चयन

- (a) **L1 bidder will be decided as per criteria mentioned at SI-3 of NIT Terms & Requirements.**
- (b) However, in case of loading the price due to any deviation against the tender, GRSE will evaluate L1 bidder offline, considering suitable loading factor for such deviation on the quoted price as mentioned in Article-14 above.

ARTICLE/अनुच्छेद 16. AWARDING JOBS TO MULTIPLE BIDDERS बहुल बिडर के लिए ठेका कार्य

- (a) Separate bidder may be engaged against each line item mentioned in BOQ based on L1 determination as mentioned at Article-15 above.

ARTICLE/अनुच्छेद 17. MICRO & SMALL ENTERPRISES सूछ्म 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.
- c) Class A and B items are to be considered as non-divisible within the same class of ships and tender is to be awarded on a single bidder on totality basis unless there is any specific clause in the tender enquiry to indicate divisibility of the tendered quantity.

ARTICLE/अनुच्छेद 18. Integrity Pact & Independent External Monitors (IEM): (Applicable for the Contract value more than Rs. 2.0 Cr.)

- (a) **Integrity Pact (समग्रता अनुबंध)** 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 - 10. 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.-1) in GRSE website]
- (b) 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.
- (c) The communication details of the IEMs are as follows: -

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

ARTICLE/अनुच्छेद 19. INSTRUCTION TO THE BIDDERS बिडर हेतु अनुदेश

- i. 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 or the materials to be furnished, work to be performed or actual considerations to complete all work and comply with conditions specified in the Bid Document.

- ii. Any qualified deficiency, errors, discrepancies, omissions, ambiguities or conflicts in the Bid Documents, or there be any doubts as to the meaning of a provision or requirement, the same shall immediately brought to notice of GRSE Tendering Dept. in writing not less than 07 days prior to bid closing date.
- iii. It is understood that in receiving this bid, GRSE assumes no obligation to enter into a contract for the WORK covered by this bid request. GRSE reserves the right to reject any and all unqualified proposals or waive irregularities therein. GRSE reserves the right to evaluate each and every proposal and accept the whole or any part of the tender and the Tenderer shall be bound to perform the same at the rates quoted.

GRSE also reserves the right to reject any and 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.

- iv. General Contractors assume all safety related responsibilities 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.
- v. 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.
- vi. Job is to be carried out as per SOTR and instruction of the Engineer in-charge.
- vii. 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.
- viii. 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.
- ix. Contractors are responsible to clean up the area of work from all sorts of debris every 3 days. In case of non-compliance to the same, GRSE reserves the right to perform the cleaning activity and charge cost for the same on the contractor with additional penalty of Rs 5000/- per instance.
- x. Bidder has to declare, in what capacity he is participating in the tender viz PSU, Limited Co, Pvt. Ltd. Co., Sole Proprietorship Organization, Partnership firm, Joint Venture / Consortium [Ref. STAC (Annexure - 2), Clause: 10], etc. Supporting documents (scanned copy) confirming such status to be uploaded as attachment to Part-I bid.
- xi. A Bidder is allowed to submit only one Bid under any capacity / status.
- xii. Difficulty in submitting the bid:
 - a) In case of any query / difficulty in understanding of SOTR or other technical Terms the same may be got clarified from SOTR authority prior submission of offer.
 - b) Any query/difficulty in understanding of Commercial Terms may be got clarified from Mr. Nilanjan Kar, Sr. Manager (Contract), GRSE (Main Unit) e-mail: Kar.Nilanjan@grse.co.in Mobile no. +91-8584888194.
- xiii. **E-mail Address of Vendor for communication संचार हेतू ई. मेल पत:** Vendor has to provide e-mail address to enable faster communication.



ARTICLE/अनुच्छेद 20. e-BID INSTRUCTION ई बिड के अनुदेश

- a) Bidders can view / download Part-I (Techno-Commercial) bid documents along with all attachments on portal <https://eprocuregrse.co.in>. Bidders need to fill up the downloaded documents including the Acceptance Matrices and Declarations as per instruction and upload the same during bid submission as per Bid criteria. Non-acceptance of any techno-commercial criteria is discouraged.
- b) Detailed price breakup as per BoQ is to be uploaded with price offer (Part-II). No other attachment to the price bid except as mentioned will be reckoned.
- c) **If price is indicated in any document pertaining to Part-I of the bid the Offer shall be summarily rejected.**
- d) 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 (0) and the tender shall be evaluated accordingly and the work need to be executed by the successful bidder accordingly.
- e) The amendments / clarifications to the bid document, if any, will be posted on portal only.
- f) 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 Contract.
- g) **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.
- h) **PREVALANCE OF VERSION / संस्करण की व्यापकता:**
- In case of any discrepancy between English and Hindi version **the English Version shall prevail.** / अंग्रेजी और हिंदी संस्करण के बीच किसी भी विसंगति के मामले में **अंग्रेजी संस्करण मान्य होगा।**

ARTICLE/अनुच्छेद 21. BID REJECTION CRITERIA बिड अस्वीकृति के मापदंड

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

- i. Bidder indicating price offer in any form in the Part-I bid i.e techno-commercial bid.
- ii. 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.
- iii. Incomplete / misleading / ambiguous bid in the considered opinion of the Technical Negotiation Committee (TNC) of GRSE.
- iv. Bid with technical requirements and/or terms not acceptable to GRSE / Customers / External agency nominated, as applicable.
- v. Bid received without qualification documents, where required as per the tender.
- vi. Bid not meeting the pre-qualification parameters / criteria stipulated in the Tender Enquiry.
- vii. Bid with validity expiry date shorter than that specified in the Tender Enquiry.
- viii. EMD validity period is shorter than Bid Validity Period / as specified in the tender enquiry.
- ix. Bidders who have not agreed for the fixed price till the validity of the tender or have quoted the variable price.
- x. Bidder not agreeing for furnishing of the required Security Deposit (SD).
- xi. Bidders not submitting Original instrument of EMD within 05 days from opening of Part I bid.



- xii. Bidder not submitting Integrity Pact as per requirement of the tender and in reference to ARTICLE/अनुच्छेद 18. of NIT.
- xiii. Bidder submitted false / incorrect declaration and/or documents etc.

ARTICLE/अनुच्छेद 22. POST AWARD APPLICABLE CLAUSES ठेका जारी करने के पश्चात लागू उपधारा

1. **Security Deposit प्रतिभूति जमा-** Non-interest-bearing security deposit amounting to percentage of total individual order value (inclusive of taxes) as specified at NIT Terms & Requirements is to be deposited in the manner elaborated in STAC (Annexure - 2).

Security Deposit shall be released on issue of job completion certificate by WDC Authority and submission of PBG (if applicable).

2. **Performance Guarantee:** Non-interest-bearing Performance Guarantee deposit amounting to percentage of total executed order value (inclusive of taxes) as specified at NIT Terms & Requirements is to be deposited in the manner elaborated in STAC. The same shall be released after successful completion of Guarantee Period / Defect Liability Period and satisfactory liquidation of defects.

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

3.1 The contractor shall submit the R/A bills in triplicate along with all necessary / required supporting documents, measurement sheet etc.

3.2 **Percentage** of the value of actual work done as specified at NIT Terms & Requirements will be paid progressively against R/A bill at a frequency of once every month during construction. The amount paid at every month shall be evaluated on the basis of actual completed works done during the previous month, against the BOQ item and Unit Rates, on certification of quantum and quality of work by Engineer / Engineer's Representative.

3.3 **Remaining Percentage** of the certified value of work shall be released on: -

Completion of the Guarantee period / defect liability period subject to satisfactory liquidation of defects duly certified by Bill Certifying Authority.

OR

Submission of performance Bank Guarantee of equivalent amount valid till expiry of Guarantee period.

For release of this 3% retention money either after guarantee period or on submission of PBG; work done certificate shall not be required. While releasing PBG after expiry of guarantee period, the PBG release application to be submitted to Contract Cell duly certified by Bill Certifying Authority.

4.

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

Work Done Certificate will be issued by the Quality Assurance Authority OR his 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.

6. **Bill Certifying Authority बिल प्रमाणन प्राधीकर:**

As mentioned at NIT Terms & Requirements.

7. **Bill Submission बिल प्रस्तुति:**

On obtaining WDC, bills to be raised as Progressive RA Bills. Bills are to be submitted along with supporting documents (Work Done Certificate etc.) at the Bill Receiving Counters located at the respective units of Company. Bill is to be submitted (in 03 copies) in sealed envelope super-scribing on the envelope the Purchase Order No., Vendor code, Bill / Invoice No., Name of person /employee to whom bill is addressed, for processing. The Name of the person to be mentioned on sealed envelope will be the Bill certifying officer.

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

8. **Liquidated Damages / Penalty**

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.

9. **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.

10. **Time of completion**

Time of completion has to be considered as essence of the contract and cannot be extended for any reason whatsoever. However, in an unlikely situation beyond the control of the contractor, application for extension of due time shall be submitted by the Contractor, 01 Month in advance with proper justification duly endorsed by Engineer In-charge / PL of GRSE with commensurate recording of events in the "Hindrance Register". Please note LD will be levied for the unexecuted portion for such time extension.

11. **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/अनुच्छेद 23. ANNEXURES FORMING PART OF THIS e-TENDER ई-निविदा की संलग्नक प्रपत्र

Please find all enclosures as indicated below in GRSE website by clicking the link <http://www.grse.in/index.php/tender.html> and then click Enclosure Related to tenders of Sub-Contracting Activities

| Annexure/ संलग्नक | Description / |
|----------------------|--|
| 1. | GRSE Standard Terms and Conditions (STAC) |
| 2. | Statement of Technical Requirement (SOTR) & Drawings 2B: Bill of Quantities (BOQ) |
| 3. | Format for Technical Eligibility Criteria |
| 4. | Format for Financial Eligibility Criteria |
| 5. | Self-Certification for Blacklisting / Tender Holiday |
| 6. | Format for – Disclosure by Contractor of existing work load |
| 7. | Format for – Disclosure by Contractor of proposed execution / deployment plan of this tendered job |
| 8. | Confirmation by Bidder & Checklist for Bid Submission |
| 9. | Check List for Bill Submission – For Service Contracts |
| 10. | Format for - Integrity Pact To be submitted in Non-Judicial stamp paper of value not less than Rs.100/-. |
| 11. | Format for – Non-Disclosure Agreement (please refer www.grse.in →Tender→Enclosures Related to tenders of Sub-Contracting Activities) |
| 12. | Format for – Bank Guarantee Format for EMD (please refer www.grse.in →Tender→Enclosures Related to tenders of Sub-Contracting Activities) |
| 13. | Fire & Safety Guidelines (please refer www.grse.in →Tender→Enclosures Related to tenders of Sub-Contracting Activities) |
| 14. | Special condition of contract (please refer www.grse.in →Tender→Enclosures Related to tenders of Sub-Contracting Activities) |
| 15. | Contractors Responsibility (please refer www.grse.in →Tender→Enclosures Related to tenders of Sub-Contracting Activities) |



| | |
|-----|--|
| 16. | General Requirement (please refer www.grse.in →Tender→Enclosures Related to tenders of Sub-Contracting Activities) |
| 17. | Check List for Bill submission (please refer www.grse.in →Tender→Enclosures Related to tenders of Sub-Contracting Activities) |
| 18. | PF, ESI declaration form (please refer www.grse.in →Tender→Enclosures Related to tenders of Sub-Contracting Activities) |
| 19. | Format for - Bank Guarantee Format for SD (please refer www.grse.in →Tender→Enclosures Related to tenders of Sub-Contracting Activities) |
| 20. | Format for - Bank Guarantee Format for PBG (please refer www.grse.in →Tender→Enclosures Related to tenders of Sub-Contracting Activities) |
| 21. | Guide line for Bank Guarantee (please refer www.grse.in →Tender→Enclosures Related to tenders of Sub-Contracting Activities) |

ARTICLE/अनुच्छेद 24. DOCUMENTS TO BE UPLOADED अपलोड हेतु दस्तावेज

a. 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

b. NON-SUBMISSION / INCOMPLETE SUBMISSION IN RESPECT TO BELOW-MENTIONED DOCUMENTS MAY LEAD TO REJECTION OF BID

| Sl. No. | Description |
|--|--|
| 1. | DD/PO or MSE/NSIC Exemption certificate towards tender fee |
| 2. | DD/PO /BG or MSE/NSIC Exemption certificate towards EMD |
| 3. | Integrity Pact (For Tenders above INR 2 Cr) |
| 4. | Registration Certificate of the Company with ROC / Trade License |
| 5. | PAN, TAN, GST |
| 6. | Copies of registration with PF, ESI authorities. |
| 7. | Government e-Market Place (GeM) registration certificate with Unique GeM Seller ID |
| 8. | The Registration Number allotted to MSME's by Trades Receivable e-Discounting System (TReDS) |
| 9. | Partnership Deed / Memorandum and the Article of Association of the firm confirming partners and lead partner (If applicable) |
| 10. | Joint Venture Agreement / Memorandum of Understanding with Power of Attorney in favour of lead member. (If applicable) |
| 11. | Acceptance Matrix for NIT |
| 12. | Acceptance Matrix for Standard Terms & Conditions |
| 13. | Acceptance Matrix for SoTR |
| 14. | Format for Technical Eligibility Criteria |
| 15. | Format for Financial Eligibility Criteria |
| 16. | Audited/Certified Annual Accounts and Annual Report for immediate last three (03) financial years ending on 31st Mar'21 in support of Financial Eligibility. |
| 17. | Self-Certification for Blacklisting / Tender Holiday |
| 18. | Disclosure by Contractor of existing work load |
| 19. | Disclosure by Contractor of proposed execution plan including proposed deployment of resources of this tendered job |
| 20. | Work execution plan / schedule in MS Project clearly indicating dependencies |
| 21. | Confirmation by Bidder & Checklist for Bid Submission |
| NON-SUBMISSION / INCOMPLETE SUBMISSION IN RESPECT TO ABOVE MAY LEAD TO REJECTION OF BID | |

The Bidders has to submit ink signed hard copy of all above documents within 05 days from opening of Part I bid.

The Bidders should mention the following:

- i. "Unique Seller ID" allotted by GeM (Government e-Market Place) and

- ii. The Registration Number allotted by Trades Receivable e-Discounting System (TReDS). The TReDS Registration Number is only applicable for MSME firms.

The Bidders not registered for Sl. No. 7 & 8 above should apply for registration of the following facilities in portals as per directives of the Government of India.

- i. GeM (Government e-Market Place) → website: <https://gem.gov.in>
ii. TReDS (Trades Receivable e-Discounting System) → website: www.invoice mart.com

Vendors Registered with GRSE are not required to upload documents at Sl. No. 4, 5 & 6 above, and are instead required to mention the Vendor Code allotted by GRSE.

ARTICLE/अनुच्छेद 25. DOCUMENTS IN PHYSICAL FORM TO SUBMIT वास्तविक प्रपत्र जो जमा करने हैं

| PHYSICAL SUBMISSION | | |
|--|---|--|
| 1 | EMD Instrument | Within 05 days from opening of Part I bid |
| 2 | Integrity Pact & Non-Disclosure Agreement | Within 05 days from opening of Part I bid |
| NOTE: | If instruments submitted through demand draft, the same to be drawn in favor of | GARDEN REACH SHIPBUILDERS & ENGINEERS LIMITED |
| | The demand drafts should be payable at | KOLKATA |
| | Above mentioned original Negotiable Instruments as stipulated, to reach the office of General Manager, Contract Cell, Commercial Department, New Building complex, 1 st 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 (preferably through speed post /courier service). | |
| NON-SUBMISSION / INCOMPLETE SUBMISSION IN RESPECT TO ABOVE MAY LEAD TO REJECTION OF BID | | |

ARTICLE/अनुच्छेद 26. SUBMISSION OF BID बिड की पेशी

- i. 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. However, if the scanned copies are not uploaded with Part-I bid, then the original copies are to be submitted within 05 days from opening of Part I bid.
- ii. 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.
- iii. GRSE reserves the right to accept / reject any Tender in full or in part without assigning any reason.
- iv. 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/अनुच्छेद 27. PRE-BID MEETING बोलीपूर्व बैठक

- i. Prebid Meeting shall be held on **22-Apr-2023** at 10:00 Hrs at Yard Modernisation Department, GRSE Main Unit located at 43/46, G. R. Road, Kolkata – 700024.
- ii. Prospective bidders are requested to participate in the meeting either by being physically present at the meeting or over Video Conference. The link details of Video Conference is as follows:

Join by meeting number

Meeting number: 2514 512 0064

Meeting password: pQKm1u8

Join by phone

Use VoIP only



Join from a video system or application

Dial 25145120064@grse.webex.com

You can also dial 210.4.202.4 and enter your meeting number.

- iii. Bidders are requested to forward their queries over email to the e-mail address: **Saha.Tanay@grse.co.in** with copy to **Kar.Nilanjan@grse.co.in** within 21-Apr-2023.

Nilanjan Kar

Sr. Manager (Contract) / वरिष्ठ प्रबन्धक (संबिदा)

Garden Reach Shipbuilders & Engineers Limited

43/46, Garden Reach Road, Kolkata – 700063.



GARDEN REACH SHIPBUILDERS & ENGINEERS LTD.

गार्डन रीच शिपबिल्डर्स एण्ड इंजीनियर्स लिमिटेड

(A GOVERNMENT OF INDIA UNDERTAKING) / (भारत सरकार का प्रतिष्ठान)

Address: 43/46, Garden Reach Road, Kolkata-700 024 **43/46, गार्डन रीच रोड, कोलकाता-700 024**

Phone/दूरभाष: (033) 2469-8100 to 8113 (Extn/बिस्तार: 200/204/206/211), **FAX फैक्स:** (033) 2469-3932

Web site वेब: www.grse.in, **E-Mail ई मेल:** Nandi.Suchita@grse.co.in

CIN / सी आई एन: L35111WB1934GOI007891

ANNEXURE -1: STANDARD TERMS & CONDITIONS (STAC)

मानक निबंधन और शर्तें (एसटीएसी)

(1) Integrity Pact समग्रता अनुबंध (For the value of Contract more than Rs.2.0 Cr.):

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 (सूक्ष्म और छोटे उद्यम) -

i. Purchase preference will be given to eligible Micro and Small Enterprise firms as per MSME Act on submission of valid Udyog Aadhar Memorandum (UAM) or Entrepreneurs Memorandum Part II (EM) or NSIC copy along with their offer to claim the benefit. Tendered Service is to be listed in the UAM or the EM Part II or NSIC submitted else they are disqualified to avail the benefit.

ii. In tender, participating Micro and Small Enterprises (MSE) quoting price within price band of L1+15 per cent shall be allowed to provide a portion of requirement by bringing down their price to L1 price in situation where L1 price is from someone other than Micro and Small Enterprise and such Micro and Small Enterprise shall be allowed to supply up to 20 per cent of total tendered value. In case of more than one such Micro and Small Enterprise, the supply shall be shared proportionately (to tendered quantity). This clause is applicable only when the job is divisible in nature and can be distributed to more than one vendor subject to tender terms.

iii. In case the entitled MSE firm is owned by SC/ST category entrepreneur then the organization will be entitled for 4% out of 20% reserved order value for MSE firms as well as an equal portion out of the balance 16%. In such cases proof of owner belonging to SC/ST category has to be submitted.

iv. Above allocation of order will be done only if the tendered service is allocable.

v. In addition MSE firms will be entitled to avail the following benefits:

a. Tender Documents will be issued free of cost.

b. Earnest Money Deposit will be exempted.

c. 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.



(3) Tender Fee (निविदाशुल्क): Non-Refundable: -

- i. Amount of declared non-refundable Tender Fee 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. MSE registered firms having the tendered service listed in their MSE document will be eligible for exemption from submitting 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 General Document part of E-PROCUREMENT. The same is to be confirmed in the PART I concurrence format.
- iii. Exemption of Tender Fee is not applicable for JV / Consortium even if all the parties of the JV / Consortium are eligible for such exemption on individual basis
- iv. Non-submission of Tender Fee or a valid MSE certificate may lead to offer rejection.
- v. GRSE will issue Money Receipt against Tender Fee submitted by way of DD/PO.

(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. Exemption of EMD is not applicable for JV / Consortium even if all the parties of the JV / Consortium are eligible for such exemption on individual basis
- v. Non-submission of EMD or a valid MSE certificate may lead to offer rejection.
- vi. GRSE will issue Money Receipt against EMD submitted by way of DD/PO.

vii. 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.

viii. Forfeiture of Earnest Money Deposit (बयाना जमा की जप्ती)

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.

(6) COMPLIANCE OF ESI & PF (ईएसआई और पीएफ 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): Guarantee / Warranty is applicable for a Period of 12 (Twelve) months from the date of completion of work.

(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):

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

i) One of the partners responsible for performing a key component of the contract, shall be designated as a leader; this authorization shall be evidenced by submitting with the bid a Power of Attorney signed by legally authorized signatories of all the partners

ii) The leader shall be authorized to incur liabilities, and receive instruction for and on behalf of any and all partners of the joint-venture or consortium, and the entire execution of the contract shall be done with the leader,

iii) All partners of the joint venture or consortium shall be liable jointly and severally for the execution of the project or contract,

iv) A copy of the contract/agreement entered into by the joint venture or consortium partners shall be submitted with the bid,

v) The responsibility of all members of the J/V or Consortium should be clearly indicated and these shall not be varied or modified without the prior approval of the employer, and the joint venture agreement /consortium should be registered.

vi) In order for a joint venture or consortium to qualify, each of its partners or combination of partners must meet the minimum criteria set for the individual bidder. Failure to comply with this requirement will result in rejection of the joint venture or consortium's bid. The figures for each of the partners of a joint venture comprising of two or more persons shall be added together in proportion to their participation in the J/V or consortium, to determine the bidder's compliance with the minimum criteria say, (work to be executed per year not less than Rs 3 crore if such criteria is set in RFP). The lead partner should hold at least 51% of that minimum criteria failure to comply with which the bid shall stand rejected.

vii) The percentage of partnership of the lead partner shall be highest among all the joint ventures partners. The lead partner shall be such a company only, who has purchased the bid document,

viii) Bid security/EMD can be submitted either by the lead partner or proportionately by the joint venture /Consortium partners. However, performance security BG shall have to be submitted by all the partners of joint venture/consortium on a basis proportionate to their participation,

xi) The contract agreement shall be signed jointly by each joint venture/consortium partners.

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

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 ANNEXURE –11. You should take all safety precautions and provide adequate supervision & control for your workmen in order to carry out the job safely. In case of any violation of safety precaution and none using of safety equipment, Contractor shall be liable for a penalty which is detailed in ANNEXURE –11. 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 (ISO 14001:2015), Occupational Health & Safety (OHSAS 45001:2018) & Energy Management System (ISO 50001:2018) 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 economical way to save energy as per Energy Management System of ISO 50001:2018.

(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 –

- a) Strike, Riot (SRCC), Fire, Flood, Earthquake and other natural calamities.
- b) Burglary and theft in contractor's premises.
- c) Material in transit.
- d) Bad workmanship and wastage / spoilage of material thereby.
- e) Blockage of materials in the contractor's premises (due to prolonged Lockout or any other Force Majeure condition) which affects GRSE's production.
- f) Infidelity of contractors.

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 (कार्यस्थल प्रभारी/कार्य-पंजी एवं अन्य लिखित प्रमाण):

- 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 (कार्य करने की अवधि):

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 (ढेका की वैयक्तिकता):

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

(20) SECRECY OF INFORMATION (सूचनाओं की गोपनियता):-

(21) 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 Vendor's confirmation w.r.t. Limited tender

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 (स्वीकृत बिक्रेता का पंजीकरण):

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 (ठेका श्रमिकों की मजदूरी): -

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) VENDOR'S CONFIRMATION W.R.T. LIMITED TENDER ENQUIRY

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 (निरीक्षण):-

- (i) Quality assurance authority: As per NIT/SOTR.
- (ii) Inspection to be carried out stage wise by Quality Assurance Authority. On completion of work for any stage, vendor has to submit Inspection Offer to GRSE (Inspection Agency) for stage inspection. GRSE (Inspection Agency) shall co-ordinate with the Outside Inspection Authorities (as applicable) for carrying out inspection of completed job.
- (iii) GRSE reserve the right to inspect all operations to be carried out by the contractor. Free access to the work site at all the time shall be ensured by contractor. The presence or absence of GRSE representative does not relieve contractor of the responsibility for quality control. The contractor shall provide all assistance for carrying out inspection of completed work.
- (iv) Repeat inspection for any particular job is to be discouraged as far as possible. Hence the vendor should complete the job in all respect prior to submission of Inspection Offer to avoid reoffering. In case of repeat inspection happens for more than two occasions then the additional cost implication incurred by GRSE will be deducted from the bills of the vendor at actual. Number of occasions of repeat inspection for any particular job is to be indicated by GRSE in inspection note and same is to be incorporated in the work done certificate for deduction of additional cost implication for repeat inspection. Cost of deduction shall be calculated by Executing Dept., GRSE with the help of Finance Dept., GRSE.

(26) CORRECTION OF ERRORS (त्रुटी सुधार):

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 (फोर्स मेज़योर):

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 (अनुबंध की समाप्ती):

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 (समान/उपकरण की छति):

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 (कार्यालय & भंडारण):

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 than 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 (न्यायअधिकार क्षेत्र):

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.



GARDEN REACH SHIPBUILDERS & ENGINEERS LIMITED



**RE-CONSTRUCTION OF GATE NO.1 AND GATE NO.2 AT
GRSE MAIN UNIT**


**STATEMENT OF TECHNICAL REQUIREMENT (SOTR) AND SPECIAL
TERMS & CONDITIONS**

Garden Reach Shipbuilders & Engineers Ltd
43/46 Garden Reach Road
Kolkata 700024
INDIA



TS/YM/MAIN/GATE/23-24/01



| | | |
|---|---|--|
|  GRSE Ltd. | RE-CONSTRUCTION OF GATE NO.1 AND GATE NO.2 AT GRSE MAIN UNIT | SOTR No. TS/YM/MAIN/GATE/23- 24/01 Sheet: 1 of 18 |
| | | Rev: 0 |
| Yard No.: NA Group : YM | Prepared by: Debojit Nandi, JM (YM) Checked by: Tanay Saha, Sr Mgr. (YM) Date: 04.04.2023 | Concurred by: Sanat Datta AGM(YM) |

STATEMENT OF TECHNICAL REQUIREMENT (SOTR) AND SPECIAL TERMS & CONDITIONS

CONTENTS

| | | <u>Page</u> |
|---|---|--------------------|
| 1 | GENERAL | 4 |
| 2 | DETAIL SCOPE OF WORK | 4 |
| | 2.1 Work Requirements | 4 |
| | 2.2 General Requirements | 6 |
| | 2.3 Documents, Drawings and Calculations | 6 |
| | 2.4 Detail Job Quantity | 6 |
| | 2.5 Contractor to Supply all Materials | 7 |
| | 2.6 Deployment of Resources | 7 |
| | 2.7 Testing of Materials and Acceptance | 7 |
| | 2.8 Inspection by the Engineer | 8 |
| | 2.9 Quality & Workmanship | 8 |
| | 2.10 Materials / Work not acceptable to Engineer | 8 |
| | 2.11 Contractor to Commence Work | 9 |
| | 2.12 Supervision by the Contractor | 9 |
| | 2.13 Setting Out | 9 |
| | 2.14 Care of the Work | 9 |
| | 2.15 Protection of the Existing Structures / Machines | 10 |
| | 2.16 Existing Roads & Shop floor or office to be kept clean | 10 |
| | 2.17 Control of Pollution / Health Hazards | 10 |
| | 2.18 Site-In charge / Log Book / Hindrance & other Records | 10 |
| | 2.19 Clearance of Site | 11 |
| 3 | GRSE SCOPE OF SUPPLY | 11 |
| | 3.1 Electricity | 11 |
| | 3.2 Water | 11 |
| 4 | TECHNICAL SPECIFICATIONS | 11 |
| | 4.3 Masonry / Brickwork | 12 |
| | 4.4 Painting Work | 13 |
| | 4.5 Approved Make / Brand | 13 |
| | 4.6 List of BOQ Items | 14 |
| 5 | SPECIAL TERMS AND CONDITIONS OF CONTRACT | 14 |



TS/YM/MAIN/GATE/23-24/01



| | | |
|------|---|----|
| 5.1 | Technical Eligibility Criteria..... | 14 |
| 5.2 | Pre-Bid Meeting..... | 14 |
| 5.3 | Submission of Technical Documents along with the Bid..... | 15 |
| 5.4 | Site Condition..... | 15 |
| 5.5 | Site Consultations..... | 15 |
| 5.6 | Award of Work..... | 16 |
| 5.7 | Work Done Certificate (W.D.C.)..... | 16 |
| 5.8 | Completion Period..... | 16 |
| 5.9 | Guarantee Period / Defect Liability Period (DLP)..... | 16 |
| 5.10 | Terms of Payment..... | 16 |
| 5.11 | Submission of RA Bills by the Contractor..... | 17 |
| 5.12 | Ownership of Scrap..... | 17 |
| 5.13 | Completion Certificate..... | 17 |
| 5.14 | Variation and its Valuation..... | 18 |
| 5.15 | Site Visit..... | 19 |
| | APPENDIX-1.....TENTATIVE LAYOUT DRAWING | |
| | APPENDIX-2.....BOQ | |
| | ANEXURE-A | |



TS/YM/MAIN/GATE/23-24/01



1 GENERAL

This set of technical requirements provide a general guideline for carrying out the job under the subject tender. General items of work required to be carried out for successful implementation of the project are included. Re-Construction of existing Gate1 and Gate 2 of GRSE Main Unit including Civil, Structural, Electrical, associated façade & allied works along with design & drawing with 3 d view etc. are required to be carried out in accordance with the following specifications / standards.

- a) Relevant Indian Standard Codes for design & construction.
- b) Specification as per the latest PWD schedule, West Bengal and relevant corrigendum issued from time to time.

2 DETAIL SCOPE OF WORK

2.1 Work Requirements

2.1.1 The work primarily involves the re-construction of existing Gate-1 and Gate-2 of GRSE Main Unit along with replacement of existing MS Gate to have better aesthetics with modern look, enhanced safety & security, efficient pedestrian/vehicular movement etc. Proposed 3D views, GA drawings of Gate No.1 and Gate No.2 are enclosed at Appendix-1 which shall be treated as tentative, based on which the Contractor will finalise the above along with GRSE authority and thereafter finalise detailed architectural and structural drawing by the Contractor at the start of project work.

2.1.2 Gate No.1 /Main Unit

Existing Gate: Gate No. 1 is located at the south east corner of the GRSE main unit. It is the main entrance to the GRSE Main Unit through which all type of movement except Material entry takes place.

Existing openable Gate Size- 10M X 2.9 M (including bifold swing gate and a small pedestrian gate)

Proposed Gate: Proposed gate will be in same location and the supporting Structure of the gate will be made of RCC with associated finishing. Existing two Nos. of column may be reused after proper retrofitting. Tentative 3-D views, GA drawing & layout are enclosed at Appendix-1. The openable gate will be in swing type manually operated and will be made of MS structure.

A suitable security room & allied facility is also required to be constructed as mentioned in tentative drawing.

2.1.3 Gate No.2 /Main Unit

Existing gate: Gate No. 2 is located at the south-central portion of the GRSE main unit. It is generally used for material movement and also for pedestrian/other vehicular movements.

Existing Gate Size- 7M X 2.9 M.



TS/YM/MAIN/GATE/23-24/01



Proposed Gate: Proposed gate will be in same location and supporting Structure of the gate will be made of RCC with associated finishing. Detail tentative drawing, dimension and elevation is enclosed in Appendix-1. The openable gate will be of motor operated sliding type and will be made of MS structure.

A suitable security room & allied facility is also required to be constructed as mentioned in tentative drawing

All associated civil and electrical work are also required to be carried out as per BOQ.

2.1.4 Scope of work included in this tender broadly comprises of following;

- a) Detail surveying, drawing and designing as mentioned below are required for the re-construction of the Gates in order to meet the objectives specified at clause-2.1 above.
 - i) GA drawing
 - ii) Architectural drawing and detailing
 - iii) 3D View / Max Presentation
 - iv) All Civil drawing and detailing
 - v) Structural Drawing and detailing
 - vi) Electrical Drawing and detailing
 - vii) Structural design vetting of final drawing by Reputed college/University like IEST/JU/IIT.
- b) Temporary barricading the gate area along with the adjacent area will be done as necessary up to the existing height by using galvanised corrugated metal sheet or equivalent material and steel structural member as supporting frame along with concertina & barbed wire at the top of the barricading. The barricade should be safe, secure, strong and stable and the barricading is to be kept until the gate re-construction work completed.
- c) Dismantling of existing gate structure including movable gate and other structure within the site, removal of concrete structure/block along with embedded reinforcement if any, stacking of structural steel members to the specified area as directed and removal of rubbish and debris outside the company yard. However, steel embedded within concrete shall be disposed of from site by the Contractor along-with excess earth, debris and rubbish.
- d) Necessary Civil works including RCC/masonry/allied finishing jobs
- e) Steel fabrication and erection for gate & associated structures (*If Structural Steel Section or Hollow Section is supplied by GRSE, rate of recovery @ Rs 43140/ ton as an issue rate from Bill*)
- f) All equipment and machinery including consumables necessary for the construction, fabrication & erection are to be arranged by the contractor.
- g) Necessary Electrical & Utility works.
- h) Cutting and trimming of trees as required



TS/YM/MAIN/GATE/23-24/01



2.2 General Requirements

- 2.2.1 The Contractor shall carry out detail survey on site for finalisation of extent of work.
- 2.2.2 The Contractor will be responsible for overall site management and coordination of site activities within the boundary of the works, as necessary to ensure the adequacy, stability and safety of the works and of persons at the site. The contractor shall require planning his work in coordination with on-going production activities of GRSE, other contractors working in and around the workplace.
- 2.2.3 The contractor shall take all necessary work permit from concern Dept. of GRSE (i.e. Safety, Fire etc.) as applicable in line with prevailing rule in GRSE.
- 2.2.4 The contractor shall take all precautionary measures in consultation with GRSE Safety Dept. while working at height during dismantling, construction painting etc.
- 2.2.5 The submission to and comment/acceptance by the Engineer of such programmes, methods, drawings, designs, QAP shall not relieve the Contractor of any of his duties or responsibilities under the Contract.

2.3 Documents, Drawings and Calculations

- 2.3.1 The Contractor shall submit documents, drawings and calculations to the Engineer or his representative for approval:
- (i) GA drawing, Architectural drawing with finishing schedule and detailing, 3D View / Max Presentation. Timely submission of these drawing within 10 days from LOA is very essential for finalization and subsequent approval for commencing detail construction design & drawings.
 - (ii) Detailed activity schedule of work.
 - (iii) Quality Assurance Plan.
 - (iv) Detailed construction / working drawings along with necessary design /details during execution for approval.
 - (v) Progress Reports.
 - (vi) All relevant Test Reports / Test Certificates as per Indian Standard or PWD Schedule as applicable.
 - (vii) As built drawings including allied facilities in both hard and soft (AUTOCAD & Pdf) format.

2.4 Detail Job Quantity

- 2.4.1 BOQ with item quantities for construction as part of SOTR are given in the tender is tentative. The quantities set out in the BOQ of the tender shall be treated as estimated quantities of the work and shall not be deemed as actual or correct quantities of the work to be executed by the Contractor.



TS/YM/MAIN/GATE/23-24/01



- 2.4.2 The Contractor shall execute required quantity for successful completion of project work at the same contractual rates and terms & conditions for any extent of variation in stipulated BOQ quantities
- 2.4.3 List of BOQ Items considered under the scope of this tender is provided at successive clause for reference.
- 2.4.4 All bidders shall quote against all the items of BOQs, otherwise, their bid would be considered as Incomplete Bid and shall be liable for rejection.
- 2.5 **Contractor to Supply all Materials**
- 2.5.1 Unless stipulated otherwise in the Contract, all materials including consumables required for the work shall be procured and supplied by the Contractor with the approval of the Engineer or his Representative and subject to subsequent testing as may be required by the Engineer or his Representative.
- 2.5.2 The Contractor shall comply with the relevant IS Codes.
- 2.6 **Deployment of Resources**
- 2.6.1 The contractor shall engage a professional experienced Architect / Interior Designer at very beginning of the project for finalization of 3D View, Architectural & GA drawing and finishing schedule & further detailing in order to meet the objectives specified at clause-2.1 above.
- 2.6.2 Contractor shall provide adequate number of qualified / experienced workmen, with experienced Engineer / Supervisor having Technical qualification **not less than diploma in Civil Engg.** and also, sufficient construction equipment, materials, tools & tackles etc. for achieving the schedule target as per approved work schedule. The contractor shall ensure timely deployment of all above resources at site to ensure contractual completion.
- 2.6.3 The contractor shall ensure deployment of adequate and proper skilled /semi-skilled workforce as per work requirements and optimum supporting unskilled workforce as necessary.
- 2.7 **Testing of Materials and Acceptance**
- 2.7.1 Test samples shall be prepared and submitted for approval of the Engineer or his Representative, whenever required to do so, all at the Contractor's cost.
- 2.7.2 The Contractor shall submit valid correlated test certificates conforming to applicable standards for materials/items before incorporation in the permanent works.



TS/YM/MAIN/GATE/23-24/01



2.7.3 Testing of materials shall be conducted as per the approved Quality Assurance Plan or relevant Indian Standards.

2.7.4 Unless stipulated otherwise in the Contract, the cost of any test required by the Engineer or his representative in respect of materials and workmanship deployed on the work shall be borne by the Contractor.

2.8 **Inspection by the Engineer**

2.8.1 For Site inspection, the Contractor shall give adequate notice to the Engineer (authorised representative of GRSE).

2.8.2 The Contractor shall provide the Engineer with proper free and safe access to the Contractor's works and stores or his sub-contractor's works and stores at all times and shall provide reasonable facilities to enable him to undertake his inspection.

2.8.3 The Contractor shall make all necessary arrangements to enable stage inspections by the Engineer.

2.8.4 The Engineer or his Representative shall have power to certify or disapprove/reject works or materials, in accordance with the Conditions of Contract.

2.9 **Quality & Workmanship**

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

2.10 **Materials / Work not acceptable to Engineer**

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



TS/YM/MAIN/GATE/23-24/01



2.11 Contractor to Commence Work

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

2.12 Supervision by the Contractor

2.12.1 The Contractor shall engage experienced and qualified Engineers having Technical qualification **not less than diploma in Civil Engg.** at site in day-to-day charge of the work and he should be authorized to receive instructions from the Engineer/GRSE. He shall receive orders given by the Engineer from time to time and shall act on them promptly.

2.12.2 The Contractor shall provide necessary and adequate supervision during the execution of the works and as long thereafter as the Engineer or his Representative shall consider necessary during the Defect Liability Period.

2.12.3 The Contractor or his competent and authorised agent or representative shall be constantly at site during working hours. The Contractor shall inform the Engineer or his Representative in writing about such representative / agent of him at site. Replacement of any of the authorised agent of the Contractor during the currency of Contract shall only be with prior written approval of the GRSE/ Engineer.

2.12.4 The Contractor and his authorised agent or representative shall be readily available to meet with the GRSE and/or Engineer and/or Engineer's Representative and instructions given to him by the Engineer or his Representative in writing shall be binding upon the Contractor.

2.13 Setting Out

2.13.1 The Contractor shall be responsible for the true and proper fitting / alignment of the Works in relation to reference points / lines / levels as applicable. The checking of any alignment or level by the Engineer or his Representative shall not in any way relieve the Contractor of his responsibility for the correctness thereof and he shall fully provide, protect and preserve the setting out of the works.

2.13.2 The Contractor shall promptly notify the Engineer of any discrepancy in the setting out of the works.

2.14 Care of the Work

2.14.1 From the commencement of the works till issue of the Completion Certificate hereof; the Contractor shall take full responsibility for the care thereof. Save for the excepted risks, any damage, loss or injury to the work or any part



TS/YM/MAIN/GATE/23-24/01



thereof shall be made good by the Contractor at his own cost as per instruction and to the satisfaction of the Engineer, failing which the Engineer or his Representative may cause the same to be made good by any other agency and the expenses incurred and certified by the Engineer / Owner, shall be recovered from the Contractor.

2.15 Protection of the Existing Structures / Machines

2.15.1 The Contractor will be responsible for the protection of all existing structures, machines, cranes etc. adjacent to and within the Works from any type of damage.

2.15.2 Before the commencement of work, the Contractor to take necessary precautions and measures to safeguard the existing structures/machines/materials and protect them from possible damages. For that the Contractor will arrange adequate safety nets, ropes etc. without any extra cost.

2.15.3 If any damage occur by the Contractor or contractor's workmen, will be recovered suitably from the Contractor.

2.16 Existing Roads & Shop floor or office to be kept clean

2.16.1 Existing roads & Shop floor or office used by vehicles/machineries of the Contractor or any of his subcontractors for supplies of materials or plant shall be kept clean and clear of all dirt, mud or any other materials dropped by the said vehicles or their tyres. The Contractor shall provide and maintain all equipment as may be necessary to keep the Owner's roads clean as required by this Clause.

2.16.2 Any damage caused by the Contractor to the surface of the roads or car parks shall be made good at his own cost.

2.17 Control of Pollution / Health Hazards

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

2.17.2 Being a health hazard issue of asbestos sheet, the Contractor shall take utmost care to avoid breaking of existing asbestos sheet while carrying out dismantling, removal or handling at site. In no case, the contractor is allowed to drop the asbestos sheet from height.

2.18 Site-In charge / Log Book / Hindrance & other Records

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

2.18.2 Details of technical personnel deployed for the job.

2.18.3 Log book for re-work/ modification.



TS/YM/MAIN/GATE/23-24/01



- 2.18.4 Site instruction book.
- 2.18.5 Details of materials brought by vendor along with copies of challan .
- 2.18.6 Proper record of hindrances is to be maintained by the contractor for the purpose of timely removal of the hindrance and is to be put up for approval by the Engineer on weekly basis.
- 2.19 **Clearance of Site**
- 2.19.1 During construction work, the Contractor shall remove all unsalvageable dismantled materials, asbestos & translucent sheets, north light glazing, excavated surplus earth etc. as directed by the Engineer from the site progressively so that construction activities remain unaffected. These materials shall be disposed off to a suitable area (to be arranged by the Contractor in conformity with statutory rules) outside the GRSE premises.
- 2.19.2 On receiving the Completion Certificate, the Contractor shall remove any remaining Contractor's Equipment, surplus material, scrap materials, wreckage, debris, rubbish and temporary works from the Site or as directed by the Engineer.
- 2.19.3 The site shall be handed over in a tidy and workmanship manner.
- 2.19.4 If all these items have not been removed within 28 (twenty eight) days, after the issue of Completion Certificate the Owner may sell or otherwise dispose of any remaining items. The Owner shall be entitled to be paid the costs incurred in connection with, or attributable to, such sale or disposal and restoring the Site.

3 GRSE SCOPE OF SUPPLY

3.1 Electricity

- 3.1.1 GRSE will provide electrical power supply at one point/ suitable location near the construction area / site at free of cost for execution of job. The Contractor shall make necessary arrangements for further distribution , as required, from that point on a temporary basis all at his own cost. The contractor shall ensure consumption of power in very economical way to save energy.

3.2 Water

- 3.2.1 Construction water will be provided at free of cost from existing source of GRSE. The Contractor shall arrange necessary water distribution pipe line and pump as required all at his own cost.

4 TECHNICAL SPECIFICATIONS

4.1 Concreting Work (Ready Mixed Concrete)

- 4.1.1 The Contractor shall provide ready mixed concrete (RMC) including all labour, materials, equipment and incidentals required for proper execution and completion of all concrete work as specified in IS 456(Latest edition) and latest PWD schedule, West Bengal.



TS/YM/MAIN/GATE/23-24/01



- 4.1.2 The Contractor shall not pour any concrete unless and until the representatives of the Engineer have inspected the formwork, reinforcing steel and inserts and sleeves if any and given permission to place concrete.
- 4.1.3 Where nominal concrete mixes are described as 1:1:2, 1:1.5:3 etc. The figures denote the relative proportions of cement, dry sand and graded stone aggregate respectively.
- 4.1.4 Portland Pozzolana Cement (Grade-53) conforming to IS: 1489 (Part-I) (Fly ash based) to be used
- 4.1.5 Each layer of concrete shall be compacted fully before the succeeding layer is placed.
- 4.1.6 All concrete work shall be water cured for a minimum period of 7 days after concreting or as directed by Engineer.

4.2 Structural Steel Work

- 4.2.1 All steel and other materials used for steelwork and in association with steel work shall conform to the appropriate Indian Standard. All structural steel shall be of tested quality.
- 4.2.2 Mild steel shall conform to IS: 2026 Grade –‘A’ for rolled sections and plates. Mild steel used in gutters and collector pipes shall conform to IS: 1079.
- 4.2.3 In case the material is procured by the Contractor, the Contractor shall submit the test certificate conforming to appropriate standards of all steel materials used for fabrication. All structure steel shall be free from rust, scales, lamination, cracks, fissures and other surface defects.
- 4.2.4 Steel used for construction exposed to weather or other corrosive influences shall not be less than 8 mm in thickness and in construction not exposed to weather, thickness shall not be less than 6 mm. The controlling thickness as specified above, for rolled beams and channels shall be taken as the mean thickness of flange, regardless of web thickness
- 4.2.5 Sealed tubes and sealed hollow box sections used for external construction exposed to weather shall not be thinner than 4 mm and for construction not exposed to weather shall not be thinner than 3 mm.
- 4.2.6 All fabrication of structural steelwork shall be in accordance with IS: 800 and as per the approved drawings unless otherwise specified. The tolerances of fabrication of steel structures shall be in accordance with IS: 7215 unless otherwise specified.

4.3 Masonry / Brickwork

- 4.3.1 The bricks shall be locally available kiln burnt bricks of generally regular and uniform size, shape & colour, uniformly well burn but not over burnt.
- 4.3.2 The size of brick shall normally 230 mm x 115 mm x 75 mm. Bricks of one standard size shall be used on one work unless specially permitted by the Engineer.
- 4.3.3 After immersion in water, absorption by weight shall not be exceeding 20% of dry weight of the brick when tested according to IS 1077 of latest edition. Unless otherwise specified the load to crush the brick when tested according to IS 1077 of latest edition shall not be less than 75 Kg/Sq.cm.



TS/YM/MAIN/GATE/23-24/01



- 4.3.4 Prior approval of Engineer shall be obtained for the brands of bricks to be used in the work after compliance with the above specifications/tests.
- 4.3.5 Unless otherwise specified, mortar for brick work shall be composed of 1:4 ratio i.e. 1 part of cement to 4 parts of sand.

4.4 **Painting Work**

- 4.4.1 The Exterior and Interior Painting on all types of surface in accordance with the 'drawings' and Schedule of finishes or as per the guideline explained in IS:1477, IS: 2395 and as per direction of the Engineer and 'Schedule of Quantities'.
- 4.4.2 All surfaces for painting shall be properly sand papered and cleaned and where necessary good quality putty shall be used to hide all holes, cracks, open joints etc. The rate for painting includes such work.
- 4.4.3 Paint shall be applied with approved brushes and surfaces shall be sand papered after every coat. All work when completed shall present a smooth, clean solid and uniform surface, to the satisfaction of the Engineer-in-Charge.
- 4.4.4 All surfaces for painting, if they are new, should have a coat of suitable primer before application of the paint. Old surfaces where existing paints have been completely worn out owing to long use should also receive a coat of priming before application of fresh painting.
- 4.4.5 Steel Primer: For steel surface red oxide primer, zinc chromate primer of approved brand and manufacture and as per direction of the Engineer-in-Charge is to be applied on the surface.
- 4.4.6 Acrylic Primer Coat (solvent based Primer): Acrylic primer coat is to be used as base coat on wall finish of cement, lime or lime cement plaster surface before application of any wall coating e.g. distemper, oil based paints, synthetic enamel, acrylic emulsion etc. on them.
- 4.4.7 Enamel Paint: Enamel paint of approved brand and manufacture shall be used. Each coat shall be allowed to dry for 24 hours and lightly rubbed down with fine grade sand paper and dusted before the next coat is applied. The finished surface shall present an even and uniform appearance.

4.5 **Approved Make / Brand**

| Item | Make / Brand |
|---------------------|---|
| Cement | Lafarge / ACC / Ultratech or equivalent as approved by Engineer |
| Reinforcement Steel | TISCO / SAIL / ESSAR / RINL / SRMB or equivalent as approved by Engineer. |
| Structural Steel | SAIL / TATA / JINDAL / equivalent as approved by Engineer |
| Paint | Asian Paints / Berger / ICI / Nerolac or equivalent as approved by Engineer |



TS/YM/MAIN/GATE/23-24/01



| | |
|-------------------|---|
| Glass | Saint Gobain / Modi Guard /Asahi India Glass Ltd. |
| Tiles | Somany / Kajaria / Johnson/Orient or equivalent as approved by Engineer |
| ACP | Alu Décor / Interia / Pratap Bond |
| Lighting fixtures | As mentioned in BOQ |

4.6 List of BOQ Items

List of BOQ items considered under the scope of this tender. However, tenderer may point out any discrepancy or inclusion of any new BOQ item in the Pre-bid queries. BOQ is attached in Appendix-2

5 SPECIAL TERMS AND CONDITIONS OF CONTRACT

5.1 Technical Eligibility Criteria

5.1.1 Bidder shall have experience of successful execution of Similar Nature/Type of Job i.e. Construction /Renovation of Building /township/major guesthouse and Construction of Industrial Shed (excluding irrelevant jobs like supply of furniture etc, if these items are included in the above mentioned PO, the value of these items will be excluded from total value of the executed PO and Resultant value after deduction will be considered for evaluation) during last Seven (07) years. Supporting documents meeting Technical Eligibility Criteria to be submitted along with the bid. Also, full contact details like name, address, telephone numbers of the person under whose direct jurisdiction the work was executed etc.) to prove that they had carried out such works successfully in any PSU / Corporate house / Industry

5.1.2 Bidder has to fulfill experience in successful completion of aforesaid similar jobs of value (including GST) not less than Rs. 100 lakhs for one job OR not less than Rs.60 lakhs each for two jobs OR not less than Rs. 50 lakhs each for three jobs in last Seven (07) years.

5.2 Pre-Bid Meeting

5.2.1 Pre-bid Meeting will be held on 10th day from the date of publication of tender.

5.2.2 Bidders are mandatorily required to attend pre-bid meeting to be held at GRSE (both Online / Offline). Bids received from bidder(s) who have not attended the pre-bid meeting shall not be considered for further evaluation. Bidders are mandatorily required to undertake the site visit at a mutually agreed date and time at their own cost, for detailed site survey, to understand the scope of works and the prevailing condition of the site, technical nitty-gritty and other circumstantial criticality of the project followed by pre-bid meeting. Also, the bidder must have perused in detail the scope of works to be undertaken as per the tender document and mandatorily attend the pre-bid meeting

5.2.3 During Pre-Bid meetings, bidder may submit their views / observation about BOQ, SOTR, Tender drawing and their proposed re-construction



TS/YM/MAIN/GATE/23-24/01



5.2.4 Prospective Tenderers shall submit their queries, if any in connection with the Tender, in writing by email at the earliest to enable GRSE to clarify the same. The last date of submitting the queries is 2 days prior to the pre-bid meeting. Copies of the Employer's response will be displayed on GRSE website www.grse.nic.in including a description of the enquiry but without identifying its source.

5.3 **Submission of Technical Documents along with the Bid**

5.3.1 The Tenderer shall submit following documents along with their bids;

- i) Bar chart / schedule of work
- ii) Necessary supporting documents for experience as per technical eligibility criteria.

5.4 **Site Condition**

5.4.1 The Tenderer shall consider that accommodation for personnel of the Contractor and their sub-contractors is not allowed to reside at GRSE premises.

5.4.2 All the work sites are within the compound of a running engineering works and the Contractor's works will have to be carried out in a manner so as to avoid interruption in the normal shipyard production activities. Accordingly, the Contractor is to co-operate with GRSE to minimize disruption to shipbuilding activities and is to preserve and maintain GRSE vehicular access route for the transport of ship blocks etc.

5.4.3 Tenderer must carefully consider his method of construction and safety of the works in relation to environmental factors and the ground conditions.

5.4.4 Before quoting, the Tenderer in his own interest shall carry out site visits to know the site conditions / situations and full implications of the assignment. This will also help him in proper assessment of the work. Failure to do so will not absolve the contractor of his responsibility to carry out the work as specified in the Tender Documents. The cost of visiting the site shall be borne by the Tenderer and shall be at his own responsibility and risk.

5.5 **Site Consultations**

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



TS/YM/MAIN/GATE/23-24/01



5.6 **Award of Work**

- 5.6.1 L1 Bidder quoting lowest total Tender Sum against the said job will be decided after price evaluation of the said work.
- 5.6.2 The work will be executed as a whole without splitting of order.

5.7 **Work Done Certificate (W.D.C.)**

- 5.7.1 The contractor will put up Work done for certification to Engineer along with all inspection report / measurement sheet signed by Quality Assurance Authority/Engineer. Work done certificate is to include whether work has been completed as per delivery schedule or the delay in days/weeks occurred in completion of work. Any recovery towards usage of GRSE resources is also to be indicated.

5.8 **Completion Period**

- 5.8.1 This work being urgent in nature is required to be completed on fast track. Completion period of the entire scope of work under this tender shall be:-
Total 3 (three) calendar months from the date of handing over of site. Separate handing over of two gates will be done and re-construction of each gate is to be completed within 3 months from its handover.
The Tenderer, however, is required to assess the period and confirm the completion period. The tenderer must submit a network schedule explaining planning and program in detail for execution of the project.
During execution of work the contractor shall ensure the timely mobilization of their equipment, adequate manpower and materials based on agreed work schedule / milestones. The contractor shall adopt necessary measures to avoid any delay in work progress. In case of interim delay, the contractor shall augment more manpower and also work during extended working hours / holidays to catch up the delay.

5.9 **Guarantee Period / Defect Liability Period (DLP)**

- 5.9.1 The work executed including equipment or components thereof are to be guaranteed for satisfactory performance for the period of 12 (Twelve) Calendar months from the date mentioned in the Completion Certificate, unless otherwise agreed in writing by the Engineer; this will be deemed as the 'Guarantee Period' / 'Defect Liability Period'.

5.10 **Terms of Payment**

- 5.10.1 The contractor shall submit the R/A bills in triplicate along with all necessary / required supporting documents, measurement sheet etc.



TS/YM/MAIN/GATE/23-24/01



- 5.10.2 **97%** (Ninety Seven percent) of the value of actual work done will be paid progressively against R/A bill at a frequency of once every month during construction. The amount paid at every month shall be evaluated on the basis of actual completed works done during the previous month, against the BOQ item and Unit Rates, on certification of quantum and quality of work by Engineer / Engineer's Representative.
- 5.10.3 **3%** (Three percent) of the value of actual work done will be retained from each Bill as Security Deposit till the total retained amount including initial security deposit reaches 3% of the contract value.
- 5.10.4 After completion of work/tests/trials/commissioning and issue of Completion Certificate, retained 3 % of the value of work done (performance guarantee) shall be released after satisfactory completion of Defect Liability Period. Alternatively, this 10% of the value of the work done will be payable against submission of a bank guarantee of equivalent amount valid till expiry of defect liability period.

5.11 **Submission of RA Bills by the Contractor**

- 5.11.1 The Contractor shall submit to the Engineer, RA bills (in triplicate) for the payments, for the amount due along with all relevant documents each signed by the Contractor's authorised representative, such interim measurement and valuation of the works, material entry documents, etc. signed by the Engineer's Representative, certificates of inspection/ trials, as may be applicable to respective stages. Works completed shall be jointly measured by the Contractor & Engineer / Engineer's representative.

5.12 **Ownership of Scrap**

- 5.12.1 All scrap items (salvageable) i.e. Metal and wooden scrap materials (loose) if obtained/generated by demolishing of any structure / during excavation shall remain the property of the Owner/GRSE and shall be shifted and stacked at place earmarked by owner within GRSE premises and other GRSE units (within a lead of 5KM). However, steel embedded within concrete shall be disposed of from site by the Contractor along-with excess earth, debris and rubbish etc.
- 5.12.2 Dismantled asbestos sheets, translucent sheets and north light glazing will be property of contractor. The contractor while quoting his rate should consider salvage value of these into account.

5.13 **Completion Certificate**

- 5.13.1 When the whole of the work has been completed to the satisfaction of the Engineer and has passed any final test as per the Specification/Contract/ instruction of the Engineer, the Contractor shall, within 21 (twenty-one) days of submission of his application to the Engineer, be entitled to receive a "Certificate for Completion of work."



TS/YM/MAIN/GATE/23-24/01



5.13.2 If any part of the total work having been completed to the satisfaction of the Engineer, be taken over and / or used by the Owner, the Contractor shall on application be entitled to partial completion certificate indicating the portion of the work covered by it, so that the Contractor's liability during Defect Liability Period of the Contract, if any, shall commence from the date mentioned in such certificate so far as the completed portion of the work is concerned.

5.14 Variation and its Valuation

The Engineer shall have the power to order the Contractor in writing to make any variation of the quantity, quality or form of the works or any part thereof that may, in his opinion, be necessary and the Contractor upon receipt of such an order shall act as follows:

- (a) Increase or decrease the quantity of any work included in the Contract.
- (b) Omit any work included in the Contract.
- (c) Change the character or quality of kind of any work included in the Contract.
- (d) Execute extra and additional work of any kind necessary for completion of the works.

5.14.1 Quantities in Price Schedule are estimated

BOQ as part of SOTR given in the tender is tentative. The detail BOQ is attached with the SOTR. It may vary according to actual requirement of job during the tenure of the work/contract. The Contractor shall assess actual quantity of work based on drawings and requirements of Owner (to be decided by Engineer) and shall submit updated BOQ incorporating quantity variation to the Engineer for review/approval. No variation (upward/downward) in quantity (without any limit) and value shall no way vitiate or invalidate the Contract or be treated as revocation of the Contract, but the value (if any) of all such variations evaluated shall be taken into account and the Contract Price shall be varied accordingly without any change in agreed rates of Price Schedule/BOQ on account of variation. Due to above quantity variation in individual items, the total Purchase Order Value may vary for successful completion of the job. Necessary amendment of PO will be issued accordingly. Limit on Cost of Variation

Value of contract may increase up to a maximum of 10% of the total Contract Value. This is to be a cumulative total for all variations. The Contractor shall give reasonable prior notice to the Engineer of any variation which may cause this cumulative limit to be exceeded.

5.14.2 Payment for Extra, Additional, Omitted, Substituted Work

- (a) The Contractor shall not be entitled to any claim of additional work unless they have been carried out under the written orders of the Engineer.



TS/YM/MAIN/GATE/23-24/01



- (b) The Engineer shall solely determine the amount (if any) to be added to or deducted from the sum named in the Tender in respect of any additional work done or work omitted by his order subject to approval of the Owner.
- (c) All additional or substituted work done or work omitted by order of the Engineer shall be valued on the basis of the rates and prices set out in the Contract, if in the opinion of the Engineer, the same shall be applicable. If the Contract does not contain any rates or prices directly applicable to the extra, additional or substituted work, the Engineer shall solely determine suitable rates in the manner deemed by him as fair and reasonable, and his decision shall be final, binding and conclusive.
- (d) Rates of item of work that is not included in the schedule of items/BOQ shall be fixed as per the following procedure:
 - (a) Where the extra works are of similar character and of equivalent value and / or executed under similar conditions as to any item of work appearing at Schedule of Quantities, then the rates for such extra items shall be equal to the rates of such items.
 - (b) If the extra works are of similar character but differing in particulars then the rate of such item or items shall be derived from Schedule of Quantities, as modified to take fair account of the differences in particulars.
 - (c) Where items of similar character are not contained in the Schedule of Quantities and none of the foregoing methods are applicable, rates shall be based on the norms of PWD/CPWD for labour, materials content respectively. However, in both cases local prevailing market rate for labour & material shall be adopted.
 - (d) Where rates for extra item of works cannot be established by rate analysis as per the above, then rate for such item shall be estimated and fixed by the Engineer based on the market rates and assessment for labour, materials and other factors involved thereon.

5.15 Site Visit:

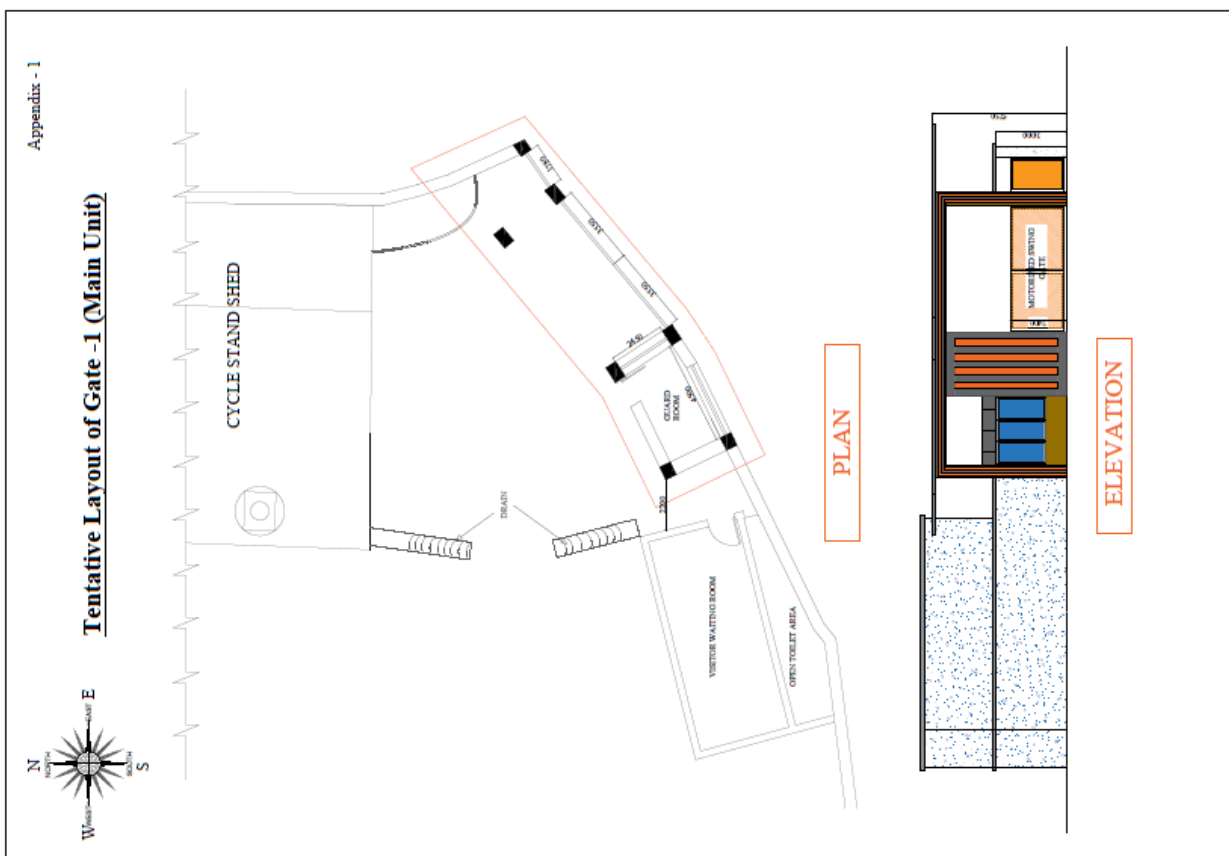
Vendors must visit the site before quoting the rate with a written intimation to the YM Dept. During the visit the vendor must thoroughly survey / inspect the site condition / structure for proper assessment of work requirement. If at any stage it is found that vendor has not visited the site / Visited site without proper intimation to YM dept, Technical Bid will not be evaluated and the bid of that particular vendor will be treated as cancelled.

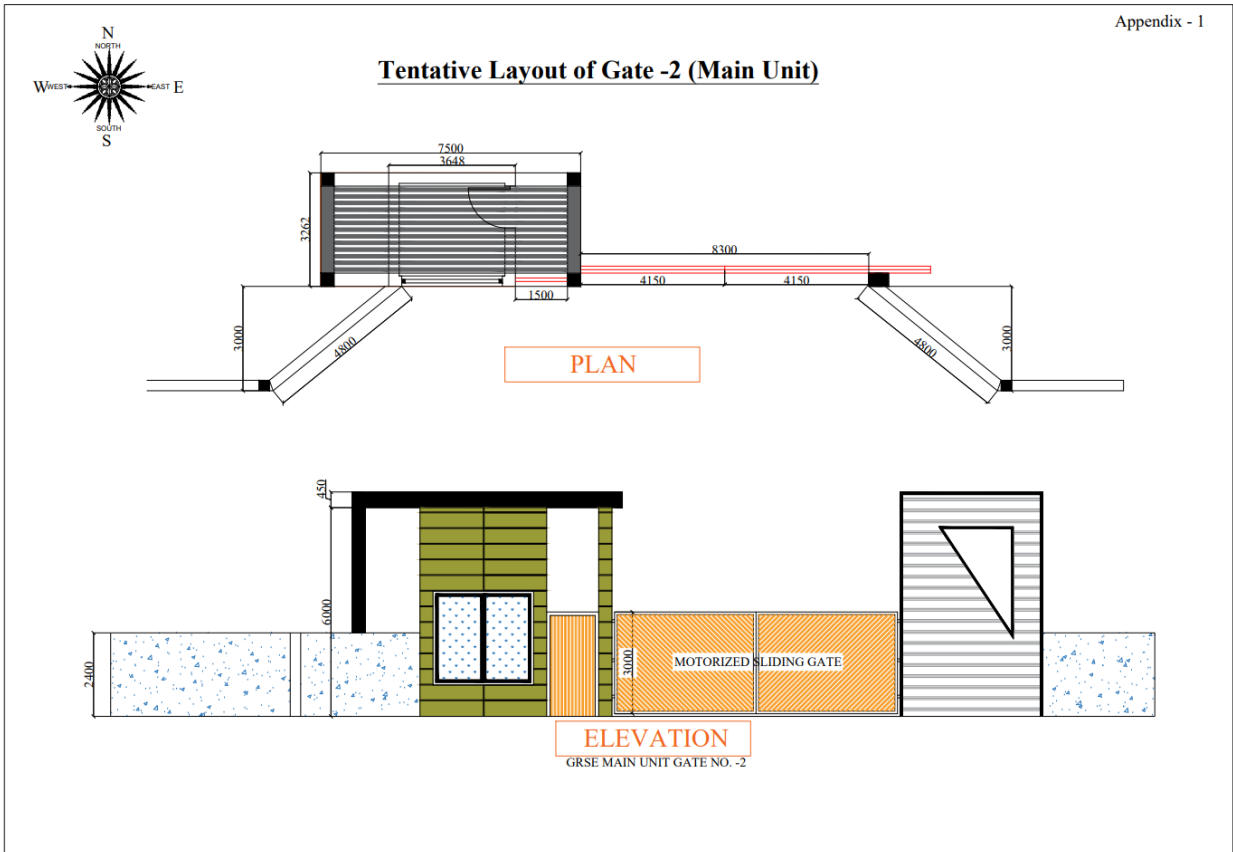
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TS/YM/MAIN/GATE/23-24/01

Annexure-A









ANNEXURE-2A: BILL OF QUANTITIES



Garden Reach Shipbuilders & Engineers Ltd (Ministry of Defence Govt. of India)

| SI No | | Description of Item | Qty | Unit |
|-------|----|---|--------|------|
| 10 | | RE-CONSTRUCTION OF GATE-1 AT GRSE MAIN UNIT | | |
| 10 | 10 | a)Detail surveying, drawing and designing as mentioned below are required for the re-construction of the Gate-1 i)GA drawing ii)Architectural drawing and detailing iii)3D View / Max Presentation iv)All Civil drawing and detailing v)Structural Drawing and detailing vi)Electrical Drawing and detailing vii)Structural design vetting of final drawing by Reputed college/University like IEST/JU/IIT (All drawing should be submitted both in hard and soft copies along with Auto Cad files) | 1.00 | LS |
| 10 | 20 | Temporary barricading the gate area along with the adjacent area as necessary upto the existing height by using galvanised corrugated metal sheet or equivalent material and steel structural member as supporting frame along with providing of concentrina and barbed wire at the top of the barricading. The barricade should be safe, secure, strong and stable and the barricading be their until the gate re-construction work completed. | 1.00 | LS |
| 10 | 30 | Dismantling R.C. floor, roof, beams etc. including cutting rods and removing rubbish as directed within a lead of 75 m. including stacking of steel bars upto any height (Rates include the cost of steel scaffolding) | 15.00 | Cum |
| 10 | 40 | Dismantling all types of masonry excepting cement concrete plain or reinforced, stacking serviceable materials at site and removing rubbish as directed within a lead of 75 m. upto any height (Rates include the cost of steel scaffolding) | 30.00 | Cum |
| 10 | 50 | Labour for lowering and stacking after dismantling in parts R.S. joists, channels, angles, tees, plates etc. complete as directed from any height | 16.00 | Qntl |
| 10 | 60 | Earth work in excavation of foundation trenches or drains, in all sorts of soil including removing, spreading or stacking the spoils within a lead of 75 m. as directed. The item includes necessary trimming the sides of trenches, levelling, dressing and ramming the bottom, bailing out water, shoring as required complete. | 120.00 | Cum |



| | | | | |
|----|-----|--|--------|-----|
| 10 | 70 | Removal of rubbish, earth etc. from the working site and disposal of the same beyond the compound, in conformity with the Municipal / Corporation Rules for such disposal, loading into truck and cleaning the site in all respect as per direction of Engineer in charge | 120.00 | Cum |
| 10 | 80 | Earth work in filling in foundation trenches or plinth with good earth, in layers not exceeding 150 mm. including watering and ramming etc. layer by layer complete. (a) With earth obtained from excavation of foundation. | 50.00 | Cum |
| 10 | 90 | Filling in foundation or plinth by silver sand in layers not exceeding 150 mm as directed and consolidating the same by thorough saturation with water, ramming complete including the cost of supply of sand. (payment to be made on measurement of finished quantity) | 100.00 | Cum |
| 10 | 100 | Ordinary Cement concrete (mix 1:2:4) with graded stone chips (20 mm nominal size) excluding shuttering and reinforcement, if any, in ground floor as per relevant IS codes. | 5.00 | Cum |
| 10 | 110 | Ordinary Cement concrete (mix 1:1.5:3) with graded stone chips (20 mm nominal size) excluding shuttering and reinforcement if any, in ground floor as per relevant IS codes. | 10.00 | Cum |
| 10 | 120 | Ordinary Cement concrete (mix 1:2:4) with graded stone chips (6mm nominal size) excluding shuttering and reinforcement, if any, in ground floor as per relevant IS codes. | 2.00 | Cum |
| 10 | 130 | Supplying ready mixed concrete of M 25 Grade with well graded stone chips of 20 mm nominal size containing designed quantity of cement per Cu.m of wet concrete produced in computerised batching plant under controlled condition using approved super plasticizer, designing concrete mix following I.S. 10262 and I.S. 456, transporting the mix with agitation in transit mixer to work site depositing the mix on a platform erected for the purpose at required levels of concreting and then placing the mix in its final location of form work compacting and curing the same complete as per specification & direction of the Engineer-in-charge including computerised batching plant transit mixer with all accessories vibrators etc. inclusive of all other incidental charges in this connection complete but excluding cost of hire charge of platform and its supporting staging which would be paid through separate item. [cement to be supplied by the Manufacturer/ supplier] with concrete pump if required | 100.00 | Cum |



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|----|-----|--|--------|-----|
| 10 | 140 | Reinforcement for reinforced concrete work in all sorts of structures including distribution bars, stirrups, binders etc initial straightening and removal of loose rust (if necessary), cutting to requisite length, hooking and bending to correct shape, placing in proper position and binding with 16 gauge black annealed wire at every intersection, complete as per drawing and direction.SAIL/TATA/RINL | 8.00 | MT |
| 10 | 150 | Hire and labour charges for Steel shuttering or 9 to 12 mm thick approved quality ply board shuttering in any concrete work with centering and necessary staging upto 4 m using approved stout props and thick hard wood planks of approved thickness with required bracing for concrete slabs, beams and columns, lintels curved or straight including fitting, fixing and striking out after completion of works | 400.00 | Sqm |
| 10 | 160 | Plaster with sand and cement mortar including rounding off or chamfering corners as directed and raking out joints including throating, nosing and drip course, scaffolding/staging where necessary .[including cost of chipping over concrete surface if required With 1:4 cement mortar , 20 mm thick plaster | 365.00 | Sqm |
| 10 | 170 | Plaster with sand and cement mortar including rounding off or chamfering corners as directed and raking out joints including throating, nosing and drip course, scaffolding/staging where necessary [including cost of chipping over concrete surface] With 1:4 cement mortar , 10 mm thick plaster | 85.00 | Sqm |
| 10 | 180 | Supplying, fitting & fixing granite slabs 15mm to 18 mm. thick with uniform texture & without decorative veins in columns, wall, facia etc. with 15 mm thick [avg] cement mortar (1:2) including moulding and making suitable arrangements to hold the stones properly by brass / copper hooks including pointing in cement mortar (1:2) (1 white cement : 2 marble dust) with admixture of pigment matching the stone shades all complete as per direction of the Engineer-in-charge including cost of all materials, labours, scaffolding, staging ,curing and roughening of concrete surface complete. Area of each Granite slab > 0.6 upto 1.0 square metre. [Using cement slurry at back side of granite @ 4.4 kg/sq.m & white cement slurry for joint filling @ 1.8 kg/sq.m] | 75.00 | Sqm |
| 10 | 190 | 125 mm thick brick work with 1st class bricks in cement mortar (1:4) ,including scaffolding/staging where necessary | 20.00 | Sqm |



| | | | | |
|----|-----|---|--------|-----|
| 10 | 200 | Brick work with 1st class bricks in cement mortar (1:4), including scaffolding/staging where necessary | 25.00 | Cum |
| 10 | 210 | Rendering the Surface of walls and ceiling with White Cement base WATER PROOF wall putty of approved make & brand.(1.5 mm thick) | 150.00 | Sqm |
| 10 | 220 | Applying One Coat Exterior grade Acrylic primer of approved quality and brand on plastered or concrete surface old or new surface, including scaffolding/staging where necessary | 150.00 | Sqm |
| 10 | 230 | Protective and Decorative Acrylic exterior emulsion paint of approved quality (Two Coat) Super Protective 100% Acrylic Emulsion., including scaffolding/staging where necessary | 150.00 | Sqm |
| 10 | 240 | Applying Interior grade Acrylic Primer of approved quality and brand on plastered or concrete surface old or new surface (a) One Coat i) Water based interior grade Acrylic Primer ,including scaffolding/staging where necessary | 100.00 | Sqm |
| 10 | 250 | Applying Acrylic Emulsion Paint of approved make and brand on walls and ceilingii) Luxury Quality ,including scaffolding/staging where necessary (Two coats) | 100.00 | Sqm |
| 10 | 260 | Priming one coat on steel or other metal surface with synthetic oil bound primer of approved quality including smoothing surfaces by sand papering,, scaffolding/staging where necessary | 100.00 | Sqm |
| 10 | 270 | Painting with best quality synthetic enamel paint of approved make and brand On Steel or other metal surface : Two Coat ,including scaffolding/staging where necessary | 100.00 | Sqm |
| 10 | 280 | Supplying and laying true to line and level Double Charge Vitrified Tiles of approved brand conforming to IS 15622: 2006 (Group B I a) and tested as per IS 13630:2006 (relevant parts) [Non-modular sizes for tiles with Water Absorption (av.) ≤ 0.08 %] in floor, skirting etc. using polymerised adhesive of 6mm thick layer applied directly over finished artificial stone floor/Mosaic etc without any backing course and joints grouted with admixture of white epoxy grout materials of approved brand including spacer -2mm as directed and removal of wax coating of top surface of tiles with warm water and polishing the tiles using soft and dry cloth upto mirror finish complete including the cost of materials,labour and all other incidental charges complete as per direction of Engineerin- Charge. | 20.00 | Sqm |



| | | | | |
|----|-----|--|--------|-----|
| 10 | 290 | Supplying, fitting & fixing true to line and level digital elevation Ceramic tiles of approved brand conforming to IS:15622:2006 Group B III and tested as per IS:13630:2006 as ornamental cladding on external wall in natural stone, brick, wood, bamboo pattern/ design fixed with adhesive 4.5 mm thick at the back of each tile & finishing the joints with white cement mixed with colouring oxide if required to match the colour of tiles including roughening of concrete surface, if necessary or by synthetic adhesive & grout materials etc. With polymerised adhesive and epoxy grout pointing including spacer - 2mm (When tiles are laid over existing hard ready surface) all complete as per direction of Engineer-in-charge. including scaffolding/staging if required | 150.00 | Sqm |
| 10 | 300 | Supplying fitting and fixing in position 8 mm. to 12 mm. thick Dholpur slab in wall, dado making suitable arrangement to hold the stone properly with approved polymerised adhesives (6 mm thick) as per ISI specification including pointing with cement mortar (1:2) (1 cement: 2 marble dust) with admixture of pigment matching the stone shades all complete as per direction of Engineer-in-charge including cost of all materials, labour, scaffolding, staging, curing complete [using white cement for pointing @ 2.4 kg/ Sq.m] | 20.00 | Sqm |
| 10 | 310 | Supplying, fitting and fixing Marble Slab of 15 to 18 mm thickness over 20 mm (av.) thck base of Cement mortar (1:2) laid with white cement slurry @ 4.4 kg/Sq.m before placing marble & jointed with white cement slurry @ 2.0 kg/Sq.m with necessary pigments including grinding and Granite polishing as per direction of Engineering -in - Charge {White cement and Pigment to be supplied by the Agency] including cost of all materials, labour, scaffolding, staging With Chawk Dungri | 10.00 | Sqm |
| 10 | 320 | Supplying, fitting & fixing Glass mosaic tiles at finished plain wall surface of size 20 mm x 20 mm x 4 mm in all colour, design, fixing in customize design as per direction of Engineer in- Charge. The glass mosaic tiles to be fixed on the wall surface with the help of approved adhesive applied at the rate of 2.5 kg per sqm and grouting of the same. The rate is inclusive of all operation, material and required pattern approved by Engineer-in-Charge | 5.00 | Sqm |



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|----|-----|--|-------|-----|
| 10 | 330 | Providing and fixing partition upto ceiling height consisting of G.I. frame and required board, consisting of floor and ceiling channel 50/51 mm wide having equal flanges of 32 mm and 0.50 mm thick, fixed to the floor and ceiling at the spacing of 610mm centre to centre with dash fastener of 12.5 mm dia meter 50 mm length or suitable anchor fastener or metal screws with nylon plugs and the studs 48 mm wide having one flange of 34 mm and other flange 36 mm and 0.50 mm thick fixed vertically within flanges of floor and ceiling channel and placed at a spacing of 610 mm centre to centre by 6 mm dia bolts and nuts, including fixing of studs along both ends of partition fixed flush to wall with suitable anchor fastener or metal screws with nylon plugs at spacing of 450 mm centre to centre, and fixing of boards to both side of frame work by 25 mm long dry wall screws on studs, floor and ceiling channels at the spacing of 300 mm centre to centre. The boards are to be fixed to the frame work with joints staggered to avoid through cracks, M.S. fixing channel of 99 mm width (0.9 mm thick having two flanges of 9.5 mm each) to be provided at the horizontal joints of two boards, fixed to them studs using metal to metal flat head screws, including jointing and finishing to a flush finish with recommended jointing compound, jointing tape, angle beads at corners (25 mm x 25 mm x 0.5 mm), joint finisher and two coats of primer suitable for board as per manufacture"s specification and direction of engineer in charge all | 20.00 | Sqm |
| 10 | 340 | 6 mm thick Designer Multipurpose Cement board (High Pressure steam cured, tested as per AS-1530 part 3 & BS-476 Part 4,5,6,7&8, density > 1450kg/m ³ , Bond strength 15 N/sqmm fire resistant, termite proof, moisture resistant) reinforced with cellulose fibre manufactured through autoclaving process as per IS : 14862 & ISO 8336, with fibre cement screws in partition as per drawings and direction of Engineer-in-Charge complete. | 20.00 | Sqm |
| 10 | 350 | 100 mm thick interlocking designer concrete paver block M-50 grade for hightraffic zone, bus terminus, industrial complex, mandi houses etc. as per IS: 156582006 (over 20-40 mm medium sand bed on 250mm thk WBM/ WMM base course & 250 mm thk bound gnauilar/ granular sub-base course & filling the interstices of blocks with fine sand by brooming & subsequent watering including cost of sand for sand bed but excluding cost of base, sub-base course & subgrade preparation.) complete as per direction of Engineer-in-Charge | 50.00 | Sqm |



| | | | | |
|----|-----|--|-------|-----|
| 10 | 360 | Supplying, spreading and consolidating an uniform and homogeneous mixture of Stone Dust and Sand (mixed in proportion of 3 : 1 by volume and by any approved method as per direction of Engineer-in- Charge) to the required thickness in layers at 97% Proctor Density (not less than 1.7 gm/cc) with power roller to proper gradient and camber, including watering as necessary, lighting, guarding, barricading and making adequate earthen bundh where necessary to protect the edges and curing with water for 2 to 3 days, mending cracks and depressions by rolling where necessary complete as per Specification including all incidental charges of roller, cost of fuel & lubricants. The compaction factor is 0.67. Note: Rolling should also be done before spreading of mixture of stone dust and sand | 20.00 | Cum |
| 10 | 370 | Providing and fixing at or near ground level precast cement concrete in kerbs (size: 410 mm x 310 mm x width 150 mm at bottom with circular nosing at top) (Nano kerb) of cement concreat M25 Grade without reinforcement, fixing as per approved pattern and setting in position at site after preparing the bed grade and slopes by laying Cement concrete with jhama khoa (1:4:8) as per specification and direction of Engineer-in-Charge including filling of joints with 10 mm thick cement mortar (3:1) and back filling the vertical piece properly with earth duly compacted and curing the mortar joints for atleast 3 days including cost and carriage of all materials complete. | 20.00 | M |
| 10 | 380 | Supplying, fitting & fixing of partly glazed partly panelled or fully glazed single leaf Aluminium swing door of all aluminium sections viz door frame (top and side frame), shutter(top rail, bottom rail, lock rail, door vertical) , glazing clip made of Aluminium Alloy Extrusions conforming to IS: 733-1983 and IS: 1285-1975, annodized conforming to IS:1868- 1983, fitted with all other accessories viz. EPDM gasket,cleat, angle screws, handle,door stopper. including labour charges for fitting and fixing of aluminium door with door spring,/aluminium hinges, glass / Panel board all complete as per architectural drawings and direction of Engineer-in charge,10-12 Micron thickness Annodizing film colour powder coating | 35.00 | Kg |



| | | | | |
|----|-----|--|-------|-----|
| 10 | 390 | Supplying,fitting & fixing of 2-Track / 3-Track Aluminium sliding Window of all Aluminium sections viz. window frame (top,bottom & side frame), shutter (top, bottom, side & interlock member) made of aluminium alloy extrusions conforming to IS 733-1983 & IS 1285-1975, annodised conforming to IS 1868-1983, fitted with all other accessories viz. PVC roller, EPDM gasket, maruti lock, screws etc. including labour charges for fitting & fixing of aluminium 2-track/3-track sliding window with fixing of glass (excluding cost of glass) all complete as per architectural drawings and direction of Engineer-in-charge. 10-12 Micron thickness Annodizing film colour powder coating | 40.00 | Kg |
| 10 | 400 | Supplying bubble free float glass (clear)of approved make and brand conforming to IS: 2835-1987; 6mm thick | 15.00 | Sqm |
| 10 | 410 | Godrej Hydraulic door closer fitted and fixed complete Heavy type | 1.00 | EA |
| 10 | 420 | Supplying 'Godrej' mortice lock chromium plated with keys 6 levers including fitting & fixing complete | 1.00 | EA |
| 10 | 430 | M.S. structural works in columns, beams etc. with simple rolled structural members (e.g. joists, angle, channel, rail section conforming to IS: 226, IS: 808 & SP (6)-1964,hollow sections (square or rectangular shape) conforming to IS: 806-1968 & IS:1161-1998),tabular sections conforming to IS: 806-1968 & IS: 1161- 1998 connected to one another with bracket, gussets, cleats as per design, direction of Engineer-in-charge complete including cutting to requisite shape and length, fabrication with necessary bolting, metal arc welding conforming to IS: 816- 1969 & IS: 1995 using electrodes of approved make and brand conforming to IS:814- 2004, haulage, hoisting and erection all complete. The rate includes the cost of rolled steel section, consumables such as electrodes, gas and hire charge of all tools and plants and labour required for the work including all incidental chages such as electricity charges, labour insurance charges etc. | 3.50 | MT |
| 10 | 440 | Supplying bubble free float glass of approved make and brand conforming to IS: 2835-1987. xiii) 12mm thick cleared toughened glass coforming to IS: 2553-1992 (Part-II) | 10.00 | Sqm |



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|----|-----|---|--------|-----|
| 10 | 450 | Supplying profiles of required section made of Aluminium Alloy Extrusions conforming to IS: 732-1983 and IS: 1285-1975; Anodized (with required film thickness and specified colour / natural) matt finished conforming to IS: 1868-1983 for fabrication of composit door, sliding & casement windows, partitions, formed of basic sections of any ISI embossed / certified make and brand as per direction of Engineer - In-Charge. (Payment will be made on finished length of the work). | 6.00 | RM |
| 10 | 460 | ACP wrapping: 3.5mm exterior grade designer alluminium composite panel as approved by EIC (Alu Decor/Interia/Pratap Bond) 1.5mm aluminium section with micron quality powder coating. 38 X 25 almmn tube. 38 X 25mm joining angles. 12 x 12mm joining angles. 50 x 50mm MS bracket. MS & SS anchor bolt. MS Fastnut. SS screws. Weather coat silicone sealant. | 250.00 | Sqm |
| 10 | 470 | Providing and fixing double scaffolding system (cup lock type) on the exterior side, up to seven story height made with 40 mm dia M.S. tube 1.5 m centre to centre, horizontal & vertical tubes joining with cup & lock system with M.S.tubes, M.S. tube challies, M.S. clamps and M.S. staircase system in the scaffolding for working platform etc. and maintaining it in a serviceable condition for the required duration as approved and removing it there after .The scaffolding system shall be stiffened with bracings, runners, connection with the building etc wherever required for inspection of work at required locations with essential safety features for the workmen etc. complete as per directions and approval of Engineer-in-charge .The elevational area of the scaffolding shall be measured for payment purpose .The payment will be made once irrespective of duration of scaffolding. Note: - Necessary deduction for scaffolding in the existing item if included to be done. | 100.00 | Sqm |



| | | | | |
|----|-----|--|----------|---------|
| 10 | 480 | Supplying, fitting & fixing UPVC pipes A- Type and fittings conforming to IS:13592-1992 with all necessary clamps nails,bends,tees, trapsas required including making holes in walls, floor etc. cutting trenches in any soil through masonry concrete structures etc if necessary and mending good damages including joining with jointing materails (Spun Yarn, Valamoid/Bitumen/M-Seal etc) complete.UPVC Pipes:110 mm. Dia | 30.00 | M |
| 10 | 490 | Supplying and fixing grasses tiles of grass Maxican Carpet/Selection No. 1 Healthy & fresh grasses (size 1'x1' or bigger) including watering and maintenance of the lawn for 30 days or more till the grass forms a thick lawn free from wees and fit for mowing including supplying good earth as required by Engineer-in-charge. (Rate includes supply of labour, tools & plants including materials) | 20.00 | M2 |
| 10 | 500 | Supplying , fabrication fitting & fixing 202 grade Stainless Steel gold as approved by EIC, individual 2 inch raising coupal letter (back side acrylic/ Front S.S letter) letter inside halo led fitting including modul Led, SMPS,fitting material wire etc. as per requirement. Matter either in english or hindi or both along with Logo as approved by EIC 1) 1.5 W -LED Module samsung make (1 year warranty) 2) 400w rainproof outdoor SMPS (1 year warranty) 3) 304 grade Stainless Steel 4) 1.5 & .75 sqmm wire – (Havells /Finolex) Note: Measurement is taken on the basis of area of each letter (either in square or rectangular) | 12000.00 | SQ.INCH |
| 10 | 510 | Supplying, fitting and fixing CPVC 25 mm (Chlorinated Polyvinyl Chloride) pipes of approved make conforming to IS-15778: 2007 . with all necessary accessories, specials viz. socket, bend, tee, union, cross, elbo, nipple, longscrew, reducing socket, reducing tee, short piece etc. fitted with holder bats clamps, including cutting pipes, fitting, fixing etc. complete in all respect including cost of all necessary fittings as required, jointing materials in any position above ground. (Payment will be made on the centre line measurements of total pipe line including all specials. No separate payment will be made for accesories, specials | 24.00 | M |
| 10 | 520 | Supplying, fitting and fixing gunmetal wheel valve of approved brand and make tested to 21 kg per sq. cm. (for water lines only).(Make-JJ) | 2.00 | EA |



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|----|-----|---|-------|------|
| 10 | 530 | Supplying, fitting and fixing white vitreous china best quality approved make wash basin with C.I. brackets on 75 mm X 75 mm wooden blocks, C.P. waste fittings of 32 mm dia., one approved quality brass C.P. pillar cock of 15 mm dia., C.P. chain with rubber plug of 30 mm dia., approved quality P.V.C. waste pipe with C.P. nut 32 mm dia., 900 mm long approved quality P.V.C. connection pipe with heavy brass C.P. nut including mending good all damages and painting the brackets with two coats of approved paint | 1.00 | EA |
| 10 | 540 | Supplying, fitting and fixing Flat back urinal (half stall urinal) in white vitreous chinaware of approved make in position with brass screws on 75 mm X 75 mm X 75 mm wooden blocks complete. | 2.00 | EA |
| 10 | 550 | Chromium plated Bib Cock with wall flange (Equivalent to Code No. 5047 & Model - Florentine of Jaquar or similar brand) | 1.00 | EA |
| 10 | 560 | Chromium plated angular Stop Cock with wall flange (Equivalent to Code No. 5053 & Model - Florentine of Jaquar or similar brand). | 3.00 | EA |
| 10 | 570 | Anodised aluminium barrel / tower / socket bolt (full covered) of approved manufactured from extruded section conforming to I.S. 204/74 fitted and fixed with cadmium plated screws: | 1.00 | EA |
| 10 | 580 | Areca Palm 4 - 5 suckers of height 90 cm to 105 cm in earthen pots of size 25 cm. | 4.00 | EA |
| 10 | 590 | Writing and block letters/digits painting including logo on the entrance Gate with approved enamel paint by EIC on metal/plastered/wooden surface in English,Hindi,Bangali (Rate include all charges for completing the work) Probable matter is attached in the Annexure-A | 1.00 | LS |
| 10 | 600 | Supplying, fitting and fixing in position G.I. pipes of TATA make for underground works with all necessary accessories,specials viz.socket, bend, tee, union, cross, elbow, nipple, short piece etc.including cost of all materials,jointing materials ,cutting pipes,making threads,cutting trenches upto 1.5 metre below surface in all sorts of soil and refilling the same as directed with two coats of painting on G.I. pipes and specials with bituminous paint complete in all respect. 150 mm dia. medium quality | 20.00 | Mtr. |



| | | | | |
|----|-----|--|--------|------|
| 10 | 610 | Supplying, fitting and fixing in position G.I. pipes of TATA make for underground works with all necessary accessories, specials viz. socket, bend, tee, union, cross, elbow, nipple, short piece etc. including cost of all materials, jointing materials, cutting pipes, making threads, cutting trenches upto 1.5 metre below surface in all sorts of soil and refilling the same as directed with two coats of painting on G.I. pipes and specials with bituminous paint complete in all respect. 50 mm dia. medium quality | 10.00 | Mtr. |
| 10 | 620 | Providing and fixing of XLPE 1.1 KV, grade as per IS 7098 (Part-II)- 1985, aluminium armoured cable. Make:- Gloster/Havells / Finolex / Polycab 4 Core 10 Sq.mm. 1.1KV | 50.00 | Mtr. |
| 10 | 630 | Wiring for circuit/ submain wiring alongwith earth wire with the following sizes of FRLS PVC insulated copper conductor, single core cable in surface/ recessed medium class PVC conduit as required. 2 X 2.5 sq.mm + 1 X 2.5 sq.mm earth wire | 85.00 | Mtr. |
| 10 | 640 | S/F SP&N MCB DB: Supplying and fixing following way, single pole and neutral, sheet steel, MCB distribution board, 240V, on surface/recess complete with tinned copper bus bar, neutral bus bar, earth bar, din bar, interconnections, powder painted including earthing etc. as required (But without MCB/RCCB/ ISOLATOR). 8 Way Double Door | 2.00 | EA |
| 10 | 650 | Supplying and fixing of 3 pin, 5A Ceiling rose on the existing junction box/ wooden block including connections etc. as required. | 15.00 | EA |
| 10 | 660 | Supplying and fixing following modular switch/ socket on the existing modular plate & switch box including connections but excluding modular plate etc. as required. | 4.00 | EA |
| 10 | 670 | Wiring for light/ power plug with 2X4 sq. mm FRLS PVC insulated copper conductor single core cable in surface/ recessed steel conduit alongwith 1 No 4 sq. mm FRLS PVC insulated copper conductor single core cable for loop earthing as required. | 150.00 | EA |
| 10 | 680 | Supply and fixing of Canopy Led down light 70W (6000K) CROMPTON | 15.00 | EA |
| 10 | 690 | Supply and fixing of FACADE Led light 30W (3000K) PHILIPS | 4.00 | EA |
| 10 | 700 | Supply and fixing of Led 100w Flood light with MS bracket on wall mounted towards road. (Make-PHILIPS, Cool White) | 4.00 | EA |



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|---|-----|---|-------|------|
| 10 | 710 | Supply and fixing of wall mounted fan(Make-CROMPTON) | 2.00 | EA |
| 10 | 720 | Supply and fixing of 16mm bottle socket | 24.00 | EA |
| 10 | 730 | Supply and fixing of 16mm ring socket | 24.00 | EA |
| 10 | 740 | Supply and fixing of 2.5mm bottle socket | 35.00 | EA |
| 10 | 750 | Supply and fixing of 2.5mm ring socket | 35.00 | EA |
| 10 | 760 | Hire and rental charges of cable ditector machine for searching of cable near Gate1 as per instruction of EIC. | 1.00 | LS |
| 20 RE-CONSTRUCTION OF GATE-2 AT GRSE MAIN UNIT | | | | |
| 20 | 10 | Detail surveying, drawing and designing as mentioned below are required for the re-construction of the Gate-2 i)GA drawing ii)Architectural drawing and detailing iii)3D View / Max Presentation iv)All Civil drawing and detailing v)Structural Drawing and detailing vi)Electrical Drawing and detailing vii)Structural design vetting of final drawing by Reputed college/University like IEST/JU/IIT (All drawing should be submitted both in hard and soft copies along wthAuto Cad files) | 1 | LS |
| 20 | 20 | Temporary barricading the gate area along with the adjacentnt area as necessary upto the existing height by using galvanised corrougated metal sheet or equivalent material and steel structural member as supporting frame along with providing of concentrina and barbaide wire at the top of the barricading. The barricade should be safe, secure,strong and stable and the baricadding be their until the gate re-construction work completed. | 1 | LS |
| 20 | 30 | Dismantling R.C. floor, roof, beams etc. including cutting rods and removing rubbish as directed within a lead of 75 m. including stacking of steel bars upto any height (Rates include the cost of steel scaffolding) | 20 | Cum |
| 20 | 40 | Dismantling all types of masonry excepting cement concrete plain or reinforced, stacking serviceable materials at site and removing rubbish as directed within a lead of 75 m. upto any height (Rates include the cost of steel scaffolding) | 150 | Cum |
| 20 | 50 | Labour for lowering and stacking after dismantling in parts R.S. joists, channels, angles, tees, plates etc.complete as directed from any height | 55 | Qntl |



| | | | | |
|----|-----|---|--------|-----|
| 20 | 60 | Earth work in excavation of foundation trenches or drains, in all sorts of soil including removing, spreading or stacking the spoils within a lead of 75 m. as directed. The item includes necessary trimming the sides of trenches, levelling, dressing and ramming the bottom, bailing out water, shoring as required complete. | 120.00 | Cum |
| 20 | 70 | Removal of rubbish, earth etc. from the working site and disposal of the same beyond the compound, in conformity with the Municipal / Corporation Rules for such disposal, loading into truck and cleaning the site in all respect as per direction of Engineer in charge | 94.00 | Cum |
| 20 | 80 | Earth work in filling in foundation trenches or plinth with good earth, in layers not exceeding 150 mm. including watering and ramming etc. layer by layer complete. (a) With earth obtained from excavation of foundation. | 60.00 | Cum |
| 20 | 90 | Filling in foundation or plinth by silver sand in layers not exceeding 150 mm as directed and consolidating the same by thorough saturation with water, ramming complete including the cost of supply of sand. (payment to be made on measurement of finished quantity) | 100.00 | Cum |
| 20 | 100 | Ordinary Cement concrete (mix 1:2:4) with graded stone chips (20 mm nominal size) excluding shuttering and reinforcement, if any, in ground floor as per relevant IS codes. | 8.00 | Cum |
| 20 | 110 | Ordinary Cement concrete (mix 1:1.5:3) with graded stone chips (20 mm nominal size) excluding shuttering and reinforcement if any, in ground floor as per relevant IS codes. | 15.00 | Cum |
| 20 | 120 | Ordinary Cement concrete (mix 1:2:4) with graded stone chips (6mm nominal size) excluding shuttering and reinforcement, if any, in ground floor as per relevant IS codes. | 2.00 | Cum |



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|----|-----|--|--------|-----|
| 20 | 130 | Supplying ready mixed concrete of M 25 Grade with well graded stone chips of 20 mm nominal size containing designed quantity of cement per Cu.m of wet concrete produced in computerised batching plant under controlled condition using approved super plastisizer, designing concrete mix following I.S. 10262 and I.S. 456, transporting the mix with agitation in transit mixer to work site depositing the mix on a platform erected for the purpose at required levels of concreting and then placing the mix in its final location of form work compacting and curing the same complete as per specification & direction of the Engineer-in-charge including computerised batching plant transit mixer with all accessories vibrators etc. inclusive of all other incidental charges in this connection complete but excluding cost of hire charge of platform and its supporting staging which would be paid through separate item. [cement to be supplied by the Manufacturer/ supplier] with concrete pump if required | 80.00 | Cum |
| 20 | 140 | Reinforcement for reinforced concrete work in all sorts of structures including distribution bars, stirrups, binders etc initial straightening and removal of loose rust (if necessary), cutting to requisite length, hooking and bending to correct shape, placing in proper position and binding with 16 gauge black annealed wire at every intersection, complete as per drawing and direction.SAIL/TATA/RINL | 7.00 | MT |
| 20 | 150 | Hire and labour charges for Steel shuttering or 9 to 12 mm thick approved quality ply board shuttering in any concrete work with centering and necessary staging upto 4 m using approved stout props and thick hard wood planks of approved thickness with required bracing for concrete slabs, beams and columns, lintels curved or straight including fitting, fixing and striking out after completion of works | 210.00 | Sqm |
| 20 | 160 | Plaster with sand and cement mortar including rounding off or chamfering corners as directed and raking out joints including throating, nosing and drip course, scaffolding/staging where necessary .[including cost of chipping over concrete surface if required With 1:4 cement mortar , 20 mm thick plaster | 300.00 | Sqm |



| | | | | |
|----|-----|--|--------|-----|
| 20 | 170 | Plaster with sand and cement mortar including rounding off or chamfering corners as directed and raking out joints including throating, nosing and drip course, scaffolding/staging where necessary [including cost of chipping over concrete surface] With 1:4 cement mortar , 10 mm thick plaster | 86.00 | Sqm |
| 20 | 180 | Supplying, fitting & fixing granite slabs 15mm to 18 mm. thick with uniform texture & without decorative veins in columns, wall, facia etc. with 15 mm thick [avg] cement mortar (1:2) including moulding and making suitable arrangements to hold the stones properly by brass / copper hooks including pointing in cement mortar (1:2) (1 white cement : 2 marble dust) with admixture of pigment matching the stone shades all complete as per direction of the Engineer-in-charge including cost of all materials, labours, scaffolding, staging ,curing and roughening of concrete surface complete. Area of each Granite slab > 0.6 upto 1.0 square metre. [Using cement slurry at back side of granite @ 4.4 kg/sq.m & white cement slurry for joint filling @ 1.8 kg/sq.m] | 60.00 | Sqm |
| 20 | 190 | 125 mm thick brick work with 1st class bricks in cement mortar (1:4) ,including scaffolding/staging where necessary | 25.00 | Sqm |
| 20 | 200 | Brick work with 1st class bricks in cement mortar (1:4),,including scaffolding/staging where necessary | 50.00 | Cum |
| 20 | 210 | Rendering the Surface of walls and ceiling with White Cement base WATER PROOF wall putty of approved make & brand.(1.5 mm thick) | 100.00 | Sqm |
| 20 | 220 | Applying One Coat Exterior grade Acrylic primer of approved quality and brand on plastered or concrete surface old or new surface, ,including scaffolding/staging where necessary | 100.00 | Sqm |
| 20 | 230 | Protective and Decorative Acrylic exterior emulsion paint of approved quality (Two Coat) Super Protective 100% Acrylic Emulsion.,,including scaffolding/staging where necessary | 100.00 | Sqm |
| 20 | 240 | Applying Interior grade Acrylic Primer of approved quality and brand on plastered or concrete surface old or new surface (a) One Coat i) Water based interior grade Acrylic Primer ,including scaffolding/staging where necessary | 100.00 | Sqm |
| 20 | 250 | Applying Acrylic Emulsion Paint of approved make and brand on walls and ceilingii) Luxury Quality ,including scaffolding/staging where necessary (Two coats) | 100.00 | Sqm |



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|----|-----|--|--------|-----|
| 20 | 260 | Priming one coat on steel or other metal surface with synthetic oil bound primer of approved quality including smoothening surfaces by sand papering,, scaffolding/staging where necessary | 100.00 | Sqm |
| 20 | 270 | Painting with best quality synthetic enamel paint of approved make and brand (a) On Steel or other metal surface : Two Coat ,including scaffolding/staging where necessary | 100.00 | Sqm |
| 20 | 280 | Supplying and laying true to line and level Double Charge Vitrified Tiles of approved brand conforming to IS 15622: 2006 (Group B I a) and tested as per IS 13630:2006 (relevant parts) [Non-modular sizes for tiles with Water Absorption (av.) ≤ 0.08 %] in floor, skirting etc. using polymerised adhesive of 6mm thick layer applied directly over finished artificial stone floor/Mosaic etc without any backing course and joints grouted with admixture of white epoxy grout materials of approved brand including spacer -2mm as directed and removal of wax coating of top surface of tiles with warm water and polishing the tiles using soft and dry cloth upto mirror finish complete including the cost of materials,labour and all other incidental charges complete as per direction of Engineer-in- Charge. | 20.00 | Sqm |
| 20 | 290 | Supplying, fitting & fixing true to line and level digital elevation Ceramic tiles of approved brand conforming to IS:15622:2006 Group B III and tested as per IS:13630:2006 as ornamental cladding on external wall in natural stone, brick, wood, bamboo pattern/ design fixed with adhesive 4.5 mm thick at the back of each tile & finishing the joints with white cement mixed with colouring oxide if required to match the colour of tiles including roughening of concrete surface, if necessary or by synthetic adhesive & grout materials etc. With polymerised adhesive and epoxy grout pointing including spacer - 2mm (When tiles are laid over existing hard ready surface) all complete as per direction of Engineer-in charge. including scaffolding/staging if required | 100.00 | Sqm |
| 20 | 300 | Supplying fitting and fixing in position 8 mm. to 12 mm. thick Dholpur slab in wall, dado making suitable arrangement to hold the stone properly with approved polymerised adhesives (6 mm thick) as per ISI specification including pointing with cement mortar (1:2) (1 cement: 2 marble dust) with admixture of pigment matching the stone shades all complete as per direction of Engineer-in-charge including cost of all materials, labour, scaffolding, staging, curing complete [using white cement for pointing @ 2.4 kg/ Sq.m] | 20.00 | Sqm |



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|----|-----|--|-------|-----|
| 20 | 310 | Supplying, fitting and fixing Marble Slab/tile of 15 to 18 mm thickness in floor, lobby, stair, landing & treads etc. over 20 mm (av.) thck base of Cement mortar (1:2) laid with white cement slurry @ 4.4 kg/Sq.m before placing marble & jointed with white cement slurry @ 2.0 kg/Sq.m with necessary pigments including grinding and Granite polishing as per direction of Engineering -in -Charge . {White cement and Pigment to be supplied by the Agency] including cost of all materials, labour, scaffolding, staging With Chawk Dungri | 5.00 | Sqm |
| 20 | 320 | Supplying, fitting & fixing Glass mosaic tiles at finished plain wall surface of size 20 mm x 20 mm x 4 mm in all colour, design, fixing in customize design as per direction of Engineer in- Charge. The glass mosaic tiles to be fixed on the wall surface with the help of approved adhesive applied at the rate of 2.5 kg per sqm and grouting of the same. The rate is inclusive of all operation, material and required pattern approved by Engineer-in-Charge | 5.00 | Sqm |
| 20 | 330 | Providing and fixing partition upto ceiling height consisting of G.I. frame and required board, consisting of floor and ceiling channel 50/51 mm wide having equal flanges of 32 mm and 0.50 mm thick, fixed to the floor and ceiling at the spacing of 610mm centre to centre with dash fastener of 12.5 mm dia meter 50 mm length or suitable anchor fastener or metal screws with nylon plugs and the studs 48 mm wide having one flange of 34 mm and other flange 36 mm and 0.50 mm thick fixed vertically within flanges of floor and ceiling channel and placed at a spacing of 610 mm centre to centre by 6 mm dia bolts and nuts, including fixing of studs along both ends of partition fixed flush to wall with suitable anchor fastener or metal screws with nylon plugs at spacing of 450 mm centre to centre, and fixing of boards to both side of frame work by 25 mm long dry wall screws on studs, floor and ceiling channels at the spacing of 300 mm centre to centre. The boards are to be fixed to the frame work with joints staggered to avoid through cracks, M.S. fixing channel of 99 mm width (0.9 mm thick having two flanges of 9.5 mm each) to be provided at the horizontal joints of two boards, fixed to them studs using metal to metal flat head screws, including jointing and finishing to a flush finish with recommended jointing compound, jointing tape, angle beads at corners (25 mm x 25 mm x 0.5 mm), joint finisher and two coats of primer suitable for board as per manufacture"s specification and direction of engineer in charge all | 10.00 | Sqm |



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|----|-----|--|-------|-----|
| 20 | 340 | 6 mm thick Designer Multipurpose Cement board (High Pressure steam cured, tested as per AS-1530 part 3 & BS-476 Part 4,5,6,7&8, density > 1450kg/m ³ , Bond strength 15 N/sqmm fire resistant, termite proof, moisture resistant) reinforced with cellulose fibre manufactured through autoclaving process as per IS : 14862 & ISO 8336, with fibre cement screws in partition as per drawings and direction of Engineer-in-Charge complete. | 10.00 | Sqm |
| 20 | 350 | 100 mm thick interlocking designer concrete paver block M-50 grade for high traffic zone, bus terminus, industrial complex, mandi houses etc. as per IS: 156582006 (over 20-40 mm medium sand bed on 250mm thk WBM/ WMM base course & 250 mm thk bound granular/ granular sub-base course & filling the interstices of blocks with fine sand by brooming & subsequent watering including cost of sand for sand bed but excluding cost of base, sub-base course & subgrade preparation.) complete as per direction of Engineer-in-Charge | 50.00 | Sqm |
| 20 | 360 | Supplying, spreading and consolidating an uniform and homogeneous mixture of Stone Dust and Sand (mixed in proportion of 3 : 1 by volume and by any approved method as per direction of Engineer-in- Charge) to the required thickness in layers at 97% Proctor Density (not less than 1.7 gm/cc) with power roller to proper gradient and camber, including watering as necessary, lighting, guarding, barricading and making adequate earthen bundh where necessary to protect the edges and curing with water for 2 to 3 days, mending cracks and depressions by rolling where necessary complete as per Specification including all incidental charges of roller, cost of fuel & lubricants. The compaction factor is 0.67. Note: Rolling should also be done before spreading of mixture of stone dust and sand | 20.00 | Cum |



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|----|-----|---|-------|----|
| 20 | 370 | Providing and fixing at or near ground level precast cement concrete in kerbs (size: 410 mm x 310 mm x width 150 mm at bottom with circular nosing at top) (Nano kerb) of cement concrete M25 Grade without reinforcement, fixing as per approved pattern and setting in position at site after preparing the bed grade and slopes by laying Cement concrete with jhama khoa (1:4:8) as per specification and direction of Engineer-in-Charge including filling of joints with 10 mm thick cement mortar (3:1) and back filling the vertical piece properly with earth duly compacted and curing the mortar joints for atleast 3 days including cost and carriage of all materials complete. | 20.00 | M |
| 20 | 380 | Supplying, fitting & fixing of partly glazed partly panelled or fully glazed single leaf Aluminium swing door of all aluminium sections viz door frame (top and side frame), shutter(top rail, bottom rail, lock rail, door vertical) , glazing clip made of Aluminium Alloy Extrusions conforming to IS: 733-1983 and IS: 1285-1975, annodized conforming to IS:1868- 1983, fitted with all other accessories viz. EPDM gasket,cleat, angle screws, handle,door stopper. including labour charges for fitting and fixing of aluminium door with door spring,/aluminium hinges, glass / Panel board all complete as per architectural drawings and direction of Engineer-in charge,10-12 Micron thickness Annodizing film colour powder coating | 25.00 | Kg |
| 20 | 390 | Supplying,fitting & fixing of 2-Track / 3-Track Aluminium sliding Window of all Aluminium sections viz. window frame (top,bottom & side frame), shutter (top, bottom, side & interlock member) made of aluminium alloy extrusions conforming to IS 733-1983 & IS 1285-1975, annodised conforming to IS 1868-1983, fitted with all other accessories viz. PVC roller, EPDM gasket, maruti lock, screws etc. including labour charges for fitting & fixing of aluminium 2-track/3-track sliding window with fixing of glass (excluding cost of glass) all complete as per architectural drawings and direction of Engineer-in-charge. 10-12 Micron thickness Annodizing film colour powder coating | 15.00 | Kg |



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|----|-----|---|-------|-----|
| 20 | 400 | Supplying bubble free float glass (clear)of approved make and brand conforming to IS: 2835-1987; 6mm thick | 4.00 | Sqm |
| 20 | 410 | Godrej Hydraulic door closer fitted and fixed complete Heavy type | 1.00 | EA |
| 20 | 420 | Supplying 'Godrej' mortice lock chromium plated with keys 6 levers including fitting & fixing complete | 1.00 | EA |
| 20 | 430 | M.S. structural works in columns, beams etc. with simple rolled structural members (e.g. joists, angle, channel, rail section conforming to IS: 226, IS: 808 & SP (6)-1964,hollow sections (square or rectangular shape) conforming to IS: 806-1968 & IS:1161-1998),tabular sections conforming to IS: 806-1968 & IS: 1161- 1998 connected to one another with bracket, gussets, cleats as per design, direction of Engineer-in-charge complete including cutting to requisite shape and length, fabrication with necessary bolting, metal arc welding conforming to IS: 816- 1969 & IS: 1995 using electrodes of approved make and brand conforming to IS:814- 2004, haulage, hoisting and erection all complete. The rate includes the cost of rolled steel section, consumables such as electrodes, gas and hire charge of all tools and plants and labour required for the work including all incidental chages such as electricity charges, labour insurance charges etc | 3.50 | MT |
| 20 | 440 | Supplying bubble free float glass of approved make and brand conforming to IS: 2835-1987. xiii) 12mm thick cleared toughened glass coforming to IS: 2553-1992 (Part-II) | 10.00 | Sqm |
| 20 | 450 | Supplying profiles of required section made of Aluminium Alloy Extrusions conforming to IS: 732-1983 and IS: 1285-1975; Annodized (with required film thickness and specified colour / natural) matt finished conforming to IS: 1868-1983 for fabrication of composit door, sliding & casement windows, partitions, formed of basic sections of any ISI embossed / certified make and brand as per direction of Engineer - In-Charge. (Payment will be made on finished length of the work). | 6.00 | RM |



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|----|-----|---|-------|-----|
| 20 | 460 | ACP wrapping: 3.5mm exterior grade designer alluminium composite panel as approved by EIC (Alu Decor/Interia/Pratap Bond) 1.5mm aluminium section with micron quality powder coating. 38 X 25 almm tube. 38 X 25mm joining angles. 12 x 12mm joining angles. 50 x 50mm MS bracket. MS & SS anchor bolt. MS Fastnut. SS screws. Weather coat silicone sealant. | 20.00 | Sqm |
| 20 | 470 | Providing and fixing double scaffolding system (cup lock type) on the exterior side, up to seven story height made with 40 mm dia M.S. tube 1.5 m centre to centre, horizontal & vertical tubes joining with cup & lock system with M.S.tubes, M.S. tube challies, M.S. clamps and M.S. staircase system in the scaffolding for working platform etc. and maintaining it in a serviceable condition for the required duration as approved and removing it there after .The scaffolding system shall be stiffened with bracings, runners, connection with the building etc wherever required for inspection of work at required locations with essential safety features for the workmen etc. complete as per directions and approval of Engineer-in-charge .The elevational area of the scaffolding shall be measured for payment purpose .The payment will be made once irrespective of duration of scaffolding. Note: - Necessary deduction for scaffolding in the existing item if included to be done. | 20.00 | Sqm |
| 20 | 480 | Supplying, fitting & fixing UPVC pipes A- Type and fittings conforming to IS:13592-1992 with all necessary clamps nails,bends,tees, traps as required including making holes in walls, floor etc. cutting trenches in any soil through masonry concrete structures etc if necessary and mending good damages including joining with jointing materails (Spun Yarn, Valamoid/Bitumen/M-Seal etc) complete.UPVC Pipes:110 mm. Dia | 6.00 | M |



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|----|-----|---|----------|---------|
| 20 | 490 | Supplying and fixing grasses tiles of grass Maxican Carpet/Selection No. 1 Healthy & fresh grasses (size 1'x1' or bigger) including watering and maintenance of the lawn for 30 days or more till the grass forms a thick lawn free from wees and fit for mowing including supplying good earth as required by Engineer-in-charge. (Rate includes supply of labour, tools & plants including materials) | 20.00 | M2 |
| 20 | 500 | Supplying , fabrication fitting & fixing 304 grade Stainless Steel asapproved by EIC, individual 2 inch raising coupal letter (back side acrylic/ Front S.S letter) letter inside halo led fitting including modul Led, SMPS,fitting material wire etc. as per requirement. Matter either in english or hindi or both along with Logo as approved by EIC 1) 1.5 W -LED Module samsung make (1 year warranty) 2) 400w rainproof outdoor SMPS (1 year warranty) 3) 304 grade Stainless Steel 4) 1.5 & .75 sqmm wire – (Havells /Finolex) Note: Measurement is taken on the basis of area of each letter.(either in square or rectangular) | 12000.00 | SQ.INCH |
| 20 | 510 | Supplying, fitting and fixing CPVC 25 mm (Chlorinated Polyvinyl Chloride) pipes of approved make conforming to IS-15778: 2007 . with all necessary accessories, specials viz. socket, bend, tee, union, cross, elbo, nipple, longscrow, reducing socket, reducing tee, short piece etc. fitted with holder bats clamps, including cutting pipes, fitting, fixing etc. complete in all respect including cost of all necessary fittings as required, jointing materials in any position above ground. (Payment will be made on the centre line measurements of total pipe line including all specials. No separate payment will be made for accesories, specials | 24.00 | M |
| 20 | 520 | Supplying, fitting and fixing gunmetal wheel valve of approved brand and make tested to 21 kg per sq. cm. (for water lines only).(Make-JJ) | 2.00 | EA |



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|----|-----|--|------|------|
| 20 | 530 | Supplying, fitting and fixing white vitreous china best quality approved make wash basin with C.I. brackets on 75 mm X 75 mm wooden blocks, C.P. waste fittings of 32 mm dia., one approved quality brass C.P. pillar cock of 15 mm dia., C.P. chain with rubber plug of 30 mm dia., approved quality P.V.C. waste pipe with C.P. nut 32 mm dia., 900 mm long approved quality P.V.C. connection pipe with heavy brass C.P. nut including mending good all damages and painting the brackets with two coats of approved paint | 1.00 | EA |
| 20 | 540 | Supplying, fitting and fixing Flat back urinal (half stall urinal) in white vitreous chinaware of approved make in position with brass screws on 75 mm X 75 mm X 75 mm wooden blocks complete. | 2.00 | EA |
| 20 | 550 | Chromium plated Bib Cock with wall flange (Equivalent to Code No. 5047 & Model - Florentine of Jaquar or similar brand) | 1.00 | EA |
| 20 | 560 | Chromium plated angular Stop Cock with wall flange (Equivalent to Code No. 5053 & Model - Florentine of Jaquar or similar brand). | 3.00 | EA |
| 20 | 570 | Anodised aluminium barrel / tower / socket bolt (full covered) of approved manufactured from extruded section conforming to I.S. 204/74 fitted and fixed with cadmium plated screws: | 1.00 | EA |
| 20 | 580 | Areca Palm 4 - 5 suckers of height 90 cm to 105 cm in earthen pots of size 25 cm. | 4.00 | EA |
| 20 | 590 | Writing and block letters/digits painting including logo on the entrance Gate with approved enamel paint by EIC on metal/plastered/wooden surface in English,Hindi,Bangali (Rate include all charges for completing the work) Probable matter is attached in the Annexure-A | 1.00 | LS |
| 20 | 600 | Supplying, fitting and fixing in position G.I. pipes of TATA make for underground works with all necessary accessories,specials viz.socket, bend, tee, union, cross, elbow, nipple, short piece etc.including cost of all materials,jointing materials ,cutting pipes,making threads,cutting trenches upto 1.5 metre below surface in all sorts of soil and refilling the same as directed with two coats of painting on G.I. pipes and specials with bituminous paint complete in all respect. 150 mm dia. medium quality | 30 | Mtr. |



| | | | | |
|----|-----|--|--------|------|
| 20 | 610 | Supplying, fitting and fixing in position G.I. pipes of TATA make for underground works with all necessary accessories, specials viz. socket, bend, tee, union, cross, elbow, nipple, short piece etc. including cost of all materials, jointing materials, cutting pipes, making threads, cutting trenches upto 1.5 metre below surface in all sorts of soil and refilling the same as directed with two coats of painting on G.I. pipes and specials with bituminous paint complete in all respect. 50 mm dia. medium quality | 14 | Mtr. |
| 20 | 620 | Providing and fixing of XLPE 1.1 KV, grade as per IS 7098 (Part-II)- 1985, aluminium armoured cable. Make:- Gloster/Havells / Finolex / Polycab 4 Core 10 Sq.mm. 1.1KV | 50.00 | Mtr. |
| 20 | 630 | Supplying & installation of electric motor with Drive and electrical control, accessories & wheels for MS. Sliding gate. | 1.00 | LS |
| 20 | 640 | Wiring for circuit/ submain wiring alongwith earth wire with the following sizes of FRLS PVC insulated copper conductor, single core cable in surface/ recessed medium class PVC conduit as required. 2 X 2.5 sq.mm + 1 X 2.5 sq.mm earth wire | 85.00 | Mtr. |
| 20 | 650 | S/F SP&N MCB DB: Supplying and fixing following way, single pole and neutral, sheet steel, MCB distribution board, 240V, on surface/recess complete with tinned copper bus bar, neutral bus bar, earth bar, din bar, interconnections, powder painted including earthing etc. as required (But without MCB/RCCB/ ISOLATOR). 8 Way Double Door | 2.00 | EA |
| 20 | 660 | Supplying and fixing of 3 pin, 5A Ceiling rose on the existing junction box/ wooden block including connections etc. as required. | 10.00 | EA |
| 20 | 670 | Supplying and fixing following modular switch/ socket on the existing modular plate & switch box including connections but excluding modular plate etc. as required. | 4.00 | EA |
| 20 | 680 | Wiring for light/ power plug with 2X4 sq. mm FRLS PVC insulated copper conductor single core cable in surface/ recessed steel conduit alongwith 1 No 4 sq. mm FRLS PVC insulated copper conductor single core cable for loop earthing as required. | 100.00 | EA |
| 20 | 690 | Supply and fixing of Canopy Led down light 70W (6000K) CROMPTON | 10.00 | EA |
| 20 | 700 | Supply and fixing of FACADE Led light 30W (3000K) PHILIPS | 4.00 | EA |



| | | | | |
|----|-----|--|-------|----|
| 20 | 710 | Supply and fixing of Led 100w Flood light with MS bracket on wall mounted towards road.(Make-PHILIPS,Cool White) | 4.00 | EA |
| 20 | 720 | Supply and fixing of wall mounted fan(Make-CROMPTON) | 2.00 | EA |
| 20 | 730 | Supply and fixing of 16mm bottle socket | 18.00 | EA |
| 20 | 740 | Supply and fixing of 16mm ring socket | 18.00 | EA |
| 20 | 750 | Supply and fixing of 2.5mm bottle socket | 25.00 | EA |
| 20 | 760 | Supply and fixing of 2.5mm ring socket | 25.00 | EA |
| 20 | 770 | Hire and rental charges of cable ditector machine for searching of cable near Gate2 as per instruction of EIC. | 1.00 | LS |



**ANNEXURE – 3: EXECUTED RELEVANT JOBS for TECHNICAL ELIGIBILITY
DURING LAST 03 YEARS**

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 <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 | Value of Purchase order & length of Plumbing work completed | Work completion certificate Ref. No. & date <i>(Supporting soft or, hard copy to be submitted)</i> |
|--------|---------------------------------------|--|--------------------------------------|-------------------|------------------------|-----------------|---|---|
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |

Note: Please add additional pages if required

(Signature of Authorized Representative)

Date:

Name:

Designation:



ANNEXURE – 4: FORMAT for FINANCIAL ELIGIBILITY

1. **Name of the Bidder:**

2. **Job Description:**

3. **Tender Reference:**

A. Financial Data for evaluating Financial Eligibility

| SL. No. | Financial Years | Turn Over (Rs.) |
|----------------|------------------------|------------------------|
| 1 | 2021-22 | |
| 2 | 2020-21 | |
| 3 | 2019-20 | |

(Signature of Authorized Representative)

Date:

Name:

Designation:

Note: Financial Statements to be attached



**ANNEXURE-5: FORMAT OF SELF-CERTIFICATION FOR DECLARATION REGARDING BLACKLISTING/
TENDER HOLIDAY**

(To be submitted in Company's Letterhead)

1. Name of the Bidder with Address:

Date:

2. Job Description:

3. Tender Reference:

Sub: SELF-CERTIFICATION

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 -----(date) 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 is found inappropriate / false, 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 of Authorized Representative with official seal)

Date:

Name:

Designation:

NB: PLEASE ENCLOSE COPY OF RELEVANT DOCUMENTS

*Strike out / omit whichever is not applicable



ANNEXURE-6: FORMAT FOR DISCLOSURE BY CONTRACTOR OF EXISTING WORK

- 1. Name of the Bidder:**
- 2. Job Description:**
- 3. Tender Reference:**
- 4. Details of Existing relevant jobs:**

| Sl. No. | Description of Existing 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 | Order placed by | Scope of work for existing contract (To quantify) | Deployment of operatives for the existing contract (category wise) | | | | |
|---------|---------------------------------------|---|--------------------------------------|-------------------|-----------------|--|---|-----|----|-----|-----------|
| | | | | | | | USK | SSK | SK | HSK | Equipment |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |

(Signature of Authorized Representative with official seal)

Date:

Name:

Designation:

Note: Please add additional pages if required.



**ANNEXURE-7: FORMAT FOR DISCLOSURE BY CONTRACTOR OF PROPOSED EXECUTION /
DEPLOYMENT PLAN OF THIS TENDERED JOB**

- 5. **Name of the Bidder:**
- 6. **Job Description:**
- 7. **Tender Reference:**
- 8. **Details of Existing relevant jobs:**

| Sl. No. | Deployment of operatives per month for the Tendered job contract (category wise) | | | |
|---------|--|-----|----|-----|
| | USK | SSK | SK | HSK |
| | | | | |
| | | | | |
| | | | | |
| | | | | |

(Signature of Authorized Representative with official seal)

Date:

Name:

Designation:

Note: Please add additional pages if required.



ANNEXURE-8: CONFIRMATION BY BIDDER & CHECKLIST FOR BID SUBMISSION

1. **Name of the Bidder:**
2. **Job Description:**
3. **Tender Reference:**

| | |
|--|--|
| Bid Number | |
| Job Title: | |
| Bidder's Name | |
| Proprietorship / Partnership / JV / Consortium | |
| Bidder's Address | |
| Phone | |
| E-mail | |
| Vendor Regn No. with GRSE (if applicable) | |
| MSME / MSE (Details if applicable) | |
| NSIC (Registration Details & Certificate Number, if applicable) | |
| GST Registration | |
| PAN No. | |
| GEM UNIQUE SELLER ID | |
| TreDS Regn No. | |
| PF Details | |
| ESI Details | |
| ROC/ Trade Licence | |
| Joint Venture/ Consortium agreement (if applicable) | |
| EMD (Details of Instrument, if applicable) | |
| ACCEPTANCE MATRIX FOR NIT [indicate SUBMITTED (WITHOUT DEVIATION) / SUBMITTED (WITH DEVIATION) / NOT SUBMITTED] | |
| ACCEPTANCE MATRIX FOR STAC [indicate SUBMITTED (WITHOUT DEVIATION), SUBMITTED (WITH DEVIATION), NOT SUBMITTED] | |
| ACCEPTANCE MATRIX FOR SOTR [indicate SUBMITTED (WITHOUT DEVIATION), SUBMITTED (WITH DEVIATION), NOT SUBMITTED] | |
| FORMAT FOR TECHNICAL ELIGIBILITY [indicate SUBMITTED / NOT SUBMITTED] | |
| DISCLOSURE BY CONTRACTOR OF EXISTING WORK [indicate SUBMITTED / NOT SUBMITTED] | |
| FORMAT FOR FINANCIAL ELIGIBILITY CRITERIA [indicate SUBMITTED / NOT SUBMITTED] | |
| AVERAGE ANNUAL TURNOVER FOR LAST 3 FINANCIAL YEARS ENDING ON 31-Mar-2022 | |
| TURNOVER FOR FY 2021-22 | |
| TURNOVER FOR FY 2020-21 | |
| TURNOVER FOR FY 2019-20 | |
| Submission of DOCUMENTS IN SUPPORT OF FINANCIAL ELIGIBILITY CRITERIA [indicate SUBMITTED / NOT SUBMITTED] | |
| SELF-CERTIFICATION FOR DECLARATION REGARDING BLACKLISTING/ TENDER HOLIDAY [indicate SUBMITTED / NOT SUBMITTED and if put on Tender Holiday / Blacklisted] | |
| NON-DISCLOSURE AGREEMENT (in non-judicial stamp paper of Rs 100/-) [indicate SUBMITTED / NOT SUBMITTED and reference No. if any] | |
| INTIGRITY PACT (in non-judicial stamp paper of Rs 100/-) [indicate SUBMITTED / NOT SUBMITTED and reference No. if any] | |

(Signature of Authorized Representative with official seal)

Date:

Name:

Designation:

**ANNEXURE-9: CHECK LIST FOR BILL SUBMISSION - for Service Contracts****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) | | | |

 Signature of GRSE Bill Certifying Authority
 with Designation



b. The Bidder(s)/Contractor(s) will not enter with other Bidders into any undisclosed agreement or understanding, whether formal or informal. This applies in particular to prices, specifications, certifications, subsidiary contracts, submission or non-submission of bids or any other actions to restrict competitiveness or to introduce cartelization in the bidding process.

c. The Bidder(s)/Contractor(s) will not commit any offence under the relevant IPC/PC Act, further the Bidder(s)/Contractor(s) will not use improperly, for purpose of competition or personal gain, or pass on to others, any information or document provided by the principal as part of the business relationship, regarding plans, technical proposals and business details, including information contained or transmitted electronically.

d. The Bidder(s)/Contractor(s) of foreign origin shall disclose the name and address of the Agents/representatives in India, if any. Similarly the Bidder(s) / Contractor(s) of Indian Nationality shall furnish the name and address of the foreign particulars, if any. Further details as mentioned in the "Guidelines on Indian agents of Foreign suppliers" shall be disclosed by the Bidder(s)/Contractor(s). Further as mentioned in the Guidelines all the payments made to the Indian agent/representative have to be in Indian Rupees only, copy of the "Guidelines on Indian agent of foreign supplier" is annexed and marked as annex.

e. The Bidder(s)/Contractor(S) will, when presenting his bid, disclose any and all payments he has made, is committed to or intends to make to agents, brokers or any other intermediaries in connection with the award of the contract.

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

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

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

Section 4- Compensation for Damages.

1) If the principal has disqualified the Bidder(s) from the tender process prior to the award according to section 3, the principal is entitled to demand and recover the damages equivalent to earnest Money deposit/Bid security.

2) If the Principal has terminated the contract according to section 3, or if the principal is entitled to terminate the contract according to section 3, the Principal shall be entitled to demand and recover from the contractor liquidated damages of the contract value or the amount equivalent to Performance Bank Guarantee.

Section 5- Previous Transgression

1) The Bidder declares that no previous transgressions occurred in the last 3 years with any other company in any country conforming to the anti corruption approach or with any other Public Sector Enterprise in India that could justify his exclusion from the tender process.

2) If the Bidder makes incorrect statement on this subject he can be disqualified from the tender process or action can be taken as per the procedure mentioned in "Guidelines on Banning of business dealing"

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



- 1) The Bidder(s)/Contractor(s) undertake(s) to demand from all sub-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, Contractors and Sub-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 principal obtains knowledge of conduct of a Bidder, contractor or subcontractor, or of an employee or a representative or an associate of a Bidder, Contractor or 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 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 his functions neutrally and independently. He reports to the Chairman GRSE.
- 3) The Bidder(s)/Contractor (s) accepts that the Monitor has the right to access without restriction to all project documentation of the principal including that provided by the contractor. The contractor will also grant the Monitor, upon his request and demonstration of a valid interest, unrestricted and unconditional access to his project documentation. The same is applicable to subcontractors. The Monitor is under contractual obligation to treat the information and documents of the Bidder(s)/ Contractor(s) /Subcontractor(s) with confidentiality.
- 4) The Principal will provide to the Monitor sufficient information about all meeting among the parties related to the project provided such meetings could have an impact on the contractual relations between the principal and the contractor, The parties offer to the Monitor the option to participate in such meetings.
- 5) As soon as the Monitor notices, or believes to notice, a violation of this agreement, he will so inform the management of the principal and request the management to discontinue or take corrective action, or to take other relevant action. The Monitor can in this regard submit non-binding recommendations. Beyond this the Monitor has no right to demand from the parties that they act in a specific manner, refrain from action or tolerate action.
- 6) The Monitor will submit a written report to the Chairman, GRSE within 8 to 10 weeks from the date of reference or intimation to him by the principal and should the occasion arise, submit proposals for correcting problematic situations.
- 7) Monitor shall be entitled to compensation on the same terms as being extended to/provided to Independent Directors on the GRSE Board.
- 8) If the Monitor has reported to the Chairman GRSE a substantiated suspicion of an offence under relevant IPC/PC act, and the Chairman GRSE has not, within the reasonable time taken visible action to proceed against such offence or reported it to the Chief Vigilance Officer, the Monitor may also transmit this information directly to the Central Vigilance Commissioner.



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

Section 9- Pact Duration:

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

If any claim is made/lodged during this time, the same shall be binding and continue to be valid despite the lapse of this pact as specified above, unless it is discharged/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 the Contractor is a partnership or a consortium, this agreement must be signed by all partners or consortium members.
- 4) Should one or several provisions of this agreement turn out to be invalid, the remainder of this agreement remains valid. In this case, the parties will strive to come to an agreement to their original intentions.

(For & On behalf of the principal)

(For & On behalf of the Bidder/Contractor)

Place

Place

Date

Date

Witness 1
(Signature, Name & Address)

Witness 2
(Signature, Name & Address)



ANNEXURE-11: NON – DISCLOSURE AGREEMENT
(to be executed in Non-Judicial Stamp Paper of Rs.100/-)

This Non-Disclosure Agreement executed thisDay of2021.

Between

GARDEN REACH SHIPBUILDERS & ENGINEERS LIMITED, a company incorporated under the provisions of the Companies Act, 1956, having its Registered Office at 43/46, Garden Reach Road, Kolkata – 700024, hereinafter referred to as “**GRSE**” (which expression shall unless excluded by or repugnant to the subject or context be deemed to mean and include its successors-in-interest, administrators and assigns) of the **FIRST PART**.

AND

M/s _____ (with full address), hereinafter referred to as the L1 Bidder (which expression shall unless excluded by or repugnant to the subject or context be deemed to mean and include its successors-in-interest, administrators and assigns) of the **SECOND PART**.

WHEREAS

For purpose of this Agreement, GRSE discloses (herein after referred to as the “Disclosing Party”) to the Bidder (herein after referred to as ‘Recipient’) Confidential Information as are required to give effect to the terms of the NIT/Purchase Order and the Recipient receives and or accesses the said Confidential Information

WHEREAS The Bidder being considered inter alia for the purpose of _____ work and as such some of the data, drawings/documents in connection with construction of Anti-Submarine Warfare Shallow Water Craft (ASW SWC) are required to be disclosed which shall be treated as confidential and the said Recipient, shall not disclose or part with such drawings/documents either whole or in part to any other third party, without prior written consent from GRSE.

AND WHEREAS the said Recipient, is obliged to execute an undertaking in the form of “Non-Disclosure Agreement” on receiving Confidential Information in the form of data drawings/ documents and also confidential/proprietary drawings or technical information of Indian Navy through Government of India or any other party, as the case may be, by GRSE, duly promising and/or undertaking to keep and treat such data, drawings/documents as strictly ‘confidential’.

NOW THEREFORE both GRSE and the Bidder do hereby agree as follows in the premises aforesaid: -

1. In the Premises aforesaid it is agreed as follows:
 - (a) “Confidential Information” means and includes any and all facts, knowledge, information, data and drawings and documents of any nature whatsoever, whether written or electronic mode owned and/or possessed by GRSE notwithstanding it belongs to any person, government or otherwise not limited to ideas, designs, data, source code, processes, computer programming, flow diagrams, know how, computer programming and other software and software techniques and such other notes, interpretation, derivative or analysis of data that has been or may hereafter be provided or shown to the Recipient or is gathered, received or obtained directly or is otherwise obtained from the review of GRSE’s documents. It is agreed that any and all reports, notes, minutes, summaries, flow charts, diagrams and any other information that is prepared based on the discussions and interaction with GRSE pursuant to this Agreement shall be deemed to be Confidential Information under this Agreement.
 - (b) During the pre-bid discussion and subsequent agreement between the parties herein, if any, for execution of the job and also for a period of 10 years from the date of Expiry and/or foreclosure and/or termination of the said NIT/PO, M/s _____, the Recipient, undertakes that the Confidential Information so received in any form whatsoever shall be:



- i) Protected and kept as strictly confidential by them.
 - ii) Disclose to and used only by the persons within the organization of M/s _____, who have a need to know solely for the purpose of pre-bid meeting and for execution of the work if awarded by GRSE subsequently subject to their taking due care and protection of the system and data.
 - iii) Used in whole or in part solely for the purpose of pre-bid meeting and for execution of the work if awarded by GRSE subsequently in the manner as ordered by GRSE or to be ordered from time to time exclusively and shall not be exploited for any other purpose or customers.
 - iv) Neither be disclosed nor cause to be disclosed directly or indirectly to any third party.
 - v) Neither be copied nor otherwise be reproduced, in whole or in part without prior express consent from GRSE.
 - vi) Returned to GRSE forthwith on demand at any point of time and upon immediate foreclosure /expiry of the contract if subsequently entered.
2. Nothing in this agreement or the disclosure of the Confidential Information or data or systems, to be intended to be granted or shall be construed as granting to the Recipient., any rights, title, interest or license other than the right to use such Confidential Information for the purpose of pre-bid meeting and for the execution of the contract/job if subsequently awarded by GRSE and shall not be exploited for any other purpose or customers of the Recipient. In this regard for the purpose of pre-bid meeting or for execution of job if any, to be subsequently awarded by GRSE to the Recipient shall at all times remain the exclusive property of GRSE and rest with GRSE.
 3. The Recipient shall resort to any publicity or advertising in respect of this agreement or the subject matter thereof and the subject matter of PO and/ or any Agreement, if any, to be entered into subsequently.
 4. The Recipient shall not make any copies or duplicate or reduce in writing the Confidential Information or part thereof in anyway in whole or part any information without the prior written consent of GRSE and where such copies or reproductions are permitted in accordance with this clause, the Recipient shall treat them strictly confidential in accordance with the provisions of this agreement and comply with the instructions of GRSE with regard to the protection and disposal of them.
 5. If the Recipient is compelled under any law to disclose (whether by way of announce or otherwise) any Confidential Information, it shall give prompt notice in writing of such fact to GRSE and shall provide all cooperation and assistance as may be requested by GRSE in order to seek an appropriate remedy to prevent or restrict such disclosure.
 6. It is agreed by the Recipient that the Recipient shall take full responsibility while handling the Confidential Information provided by GRSE, which means that the Recipient shall be fully responsible of the acts of its employees/subcontractors/officers/associates who are required to handle the Confidential Information provided by GRSE.
 7. **Indemnity:** Recipient shall indemnify GRSE and hold harmless from and against all actions, proceedings, claims, demands, losses, damages, costs (including between attorney and clients) charges, expenses and consequences whatsoever that may be brought or made against or sustained or incurred by GRSE in consequences resulting from any act or omission on the part of Recipient including its employees/subcontractors/officers/associates.
 8. The Recipient agrees and undertakes GRSE that the Recipient shall obtain appropriate indemnity from its sub-contractors and outside personnel/workers to the effect that they will use Confidential Information for construction of the ships only and for no other purpose and also, they would not divulge or pass on any Confidential Information to any third party for any reason whatsoever.
 9. The Recipient acknowledges the competitive value and confidential nature of the Confidential Information and the resultant damage to GRSE if the Confidential Information is disclosed or allowed to be disclosed to any unauthorized persons or used for the purpose of violation of this Agreement. The Recipient confirms that it is imperative that all Confidential Information remains confidential. The Recipient acknowledges that GRSE possesses Intellectual Property Rights in the Confidential Information.



10. The expiry, foreclosure or termination of the PO or any or all of the subsequent agreements entered into by GRSE and the Recipient, if any, in pursuance of the pre-bid discussion, shall not relieve the Recipient of their/its obligations under these presents which shall be effective and remain effective and in full force, for a period of 10 years from the date of such expiry/foreclosure/termination of the PO.
11. In the event of expiry, foreclosure or termination, the Recipient shall forthwith return to GRSE, the Confidential Information as received by them/it during tenure of the PO and/or subsequent agreements.
12. Neither party shall assign any PO and / or any Agreement, if any, to be subsequently entered into, without the written consent of the other and should there be any re-organization, merger, take over or the like, its successor-in-interest shall be bound by the conditions of this Agreement.
13. Failure to enforce any provision of this agreement and/or failure to initiate timely action, will not construe to be waiver and GRSE shall be freely entitled to enforce the provisions of this agreement at any appropriate time thereafter.
14. In the event any provision of this Agreement shall be held invalid or unenforceable for any reason, that provision shall not affect any other provision of this Agreement.
15. The Recipient acknowledges that Confidential Information belonging to GRSE is a valuable asset. Disclosure in breach of this Agreement will result in irreparable injury to GRSE for which monetary damage alone will not be an adequate remedy. Therefore, the parties agree that in the event of a breach or threatened breach of the terms of this Agreement, GRSE will be entitled to specific performance, injunctive relief or other equitable relief prohibiting any breach of this Agreement. Any such equitable remedy shall be in addition to and not in lieu of, other appropriate relief at law which GRSE may be entitled.
16. This agreement shall be governed under the Indian Laws and the Courts in Kolkata shall have exclusive jurisdiction to try determine and adjudicate any disputes arising between the parties in relation to this agreement.
17. GRSE' standard arbitration clause as contained in NIT shall apply to this agreement for resolution of disputes between the parties.

IN WITNESS WHEREOF the parties have hereunto set and subscribed their respective hands and seals on the day, month and year first above written.

**FOR GARDEN REACH SHIPBUILDERS &
ENGINEERS LTD**

Signature :
Name :
Address :

WITNESS 1

Signature :
Name :
Address :

FOR M/s _____,

Signature :
Name :
Address :

WITNESS 2

Signature :
Name :
Address :



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 | <p>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.</p> |



| 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.
