



# THE SHALIMAR WORKS (1980) LIMITED

(WHOLLY OWNED BY THE GOVERNMENT OF WEST BENGAL)

Regd. Office: HRBC Office Compound, Canteen Building, 1<sup>st</sup> Floor,  
Munshi Premchand Sarani, Kolkata – 700021  
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Website: www.shalimarworks1980ltd.com CIN: U45207WB1981SGC033266

## Notice Inviting e-Tender (NIeT)

Ref.: GM/TENDER/24-25/SB/805/04

Date: 07-05-2024

Notice inviting e-tender for installation, testing/trial and commissioning of electrical and electronic equipment/systems on board of 27.5 Meter RORO vessel, Yd. 805 of WBTC Ltd. as stated detailed in the NIeT.

| Sl. no. | Description of Supply & Works   | Period of Delivery / Completion                              | Eligibility of Bidders   |
|---------|---|--|--|
| 1.      | Installation, Fitting/ Fixing/ Testing, commissioning of Electrical and Electronic equipment/systems as well as associated work on board of 27.5 Meter RORO vessel, Yd. 805 detailed in Section B and C at SWL premises as per the electrical drawings provided by SWL in compliance to NIeT clauses. | Completion within 60 days from the date of receipt of order. | A) The intending bidders should have adequate experience in installation and commissioning of electrical systems on marine vessels. Documents in support of experience are to be submitted along with Technical bid.<br>B) The bidders must have experienced marker, gas cutter, fitters, qualified welders and qualified supervisors conversant with IWT rules & regulations for construction of vessels. |

- 1) Tenders are invited from experienced, bona-fide and financially sound Agencies for above mentioned work by The Shalimar Works (1980) Ltd. Intending bidder may participate & download the tender documents from the website [www.wbtenders.gov.in](http://www.wbtenders.gov.in).
- 2) The financial bid of the prospective tenderer will be considered only if the technical bid of the tenderer is found qualified. The decision of the Tender Evaluation Committee will be final and absolute in this respect.
- 3) Cost of Tender & Earnest Money Deposit (EMD):
  - (A) Tender Fees: ₹ 1,000/- (Rupees one thousand) only is to be submitted along with Part (I). The Tender Fee is non-refundable.
  - (B) Earnest Money Deposit (EMD):
    - a) A sum of ₹ 12,500/- (Rupees twelve thousand five hundred) only shall be deposited as interest free EMD in the form of the following payment modes with the tender:

SHIP BUILDERS \* SHIP REPAIRERS \* ENGINEERS



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- i. Demand Draft drawn on any Nationalized Bank in favour of THE SHALIMAR WORKS (1980) LIMITED, payable at Kolkata.
- ii. RTGS/NEFT in case of offline payment through bank account in any bank.

SWL Bank Details:

Bank Name: UCO Bank, Branch Name: FCC-INDIA EXCHANGE PLACE BRANCH  
Beneficiary Name: THE SHALIMAR WORKS (1980) LIMITED  
Account No.: 19670510001264 & IFS Code: UCBA0000002

The amount of Earnest Money has been fixed for tendering purpose only having no relation to the prospective contract price. This amount of EMD in case of successful tenderer would be refunded to him after completion of work.

- b) Any tender not accompanied by Tender Fees and Earnest Money shall be summarily rejected. Bidders registered with MSME may seek exemption for EMD by submitting valid MSME certificate.
- c) Earnest Money deposited by the unsuccessful tenderers shall be refunded to him without any interest and on specific written request from the tenderers after issuance of order on the successful tenderer.
- d) If after submitting the tender, the tenderer withdraws/modifies his tender or fails to furnish the performance guarantee/security deposit, if applicable, in the form of Bank Guarantee within the stipulated time, on acceptance of the tender, SWL shall be entitled to forfeit the full amount of earnest money deposited by the tenderer

4) Documents to be uploaded:

a) Technical Proposal (Part-I):

- Scan copy of the Tender fee
- Scan copy of the EMD
- Self-attested NIeT including Section A, B, C and Corrigendum, if any
- Scan copy of Credential/Work orders of similar types of supply/work executed
- Scan copy of PAN, GST, Trade License, ITR for last 3 years
- Scan copy of latest payment certificate of P. Tax, PF and ESI

All the documents should be duly stamped & signed by the bidder as a token of acceptance.

b) Financial Proposal (Part-II):

- BOQ (Bill of Quantity)

- 5) Bids shall remain valid for a period not less than 90 days from the last date of submission of financial bid.



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- 6) The bidder, at his own responsibility, risk and cost may discuss with SWL that may be necessary for preparing the bid as mentioned in the Notice Inviting e-Tender, before submitting offer with full satisfaction.
- 7) Conditional/incomplete tender will not be accepted under any circumstances.
- 8) Date and Time Schedule:

| Sl. | Particulars   | Date & Time                |
|-----|---|----------------------------|
| 1.  | Notice uploading date                                   | 07-05-2024                 |
| 2.  | Document download / bid submission start date           | 07-05-2024 15:00:00        |
| 3.  | Bid submission end date                                 | 21-05-2024 12:00:00        |
| 4.  | Submission of original copies of DD at Head Office, SWL | Before 21-05-2024 14:00:00 |
| 5.  | Technical bid opening date (Part-I)                     | 21-05-2024 14:00:00        |
| 6.  | Financial bid opening date (Part-II)                    | To be notified later       |

- 9) The intending bidders shall clearly understand that whatever may be the outcome of the present invitation of bids, the tender accepting authority reserves the right to accept or reject any offer without assigning any reason whatsoever and is not liable for any cost that might have been incurred by any tenderer at the stage of bidding.
- 10) Prospective applicants are advised to note carefully the eligibility criteria as mentioned in NIeT. Offers of bidders fulfilling the eligibility criteria will only be opened. If required, the bidders may contact General Manager (Mobile: 99030 34882, e-Mail: [gmsshalimarworks@gmail.com](mailto:gmsshalimarworks@gmail.com)) for any technical clarification.
- 11) The intending tenderers are required to quote the rate online per unit in INR.
- 12) During scrutiny, if it comes to the notice of the Tender Inviting Authority that the credential or any other paper found incorrect / manufactured / fabricated, that bidder would not be allowed to participate in the tender and that application will be rejected without any prejudice.
- 13) The General Manager reserves the right to cancel the NIeT / Corrigendums due to unavoidable circumstances and no claim in this respect will be entertained.
- 14) If there be any objection regarding prequalifying the intending firm may contract SWL within 2 (two) days from the date of publication of NIeT.
- 15) Before issuance of the order, the Tender Inviting Authority may verify the credential and other documents of the lowest tenderer, if found necessary. After verification if it is found that the documents submitted by the lowest tenderer is either manufactured or false, in that case order will not be issued in favour of the said tenderer under any circumstances.
- 16) Escalation of Price on any ground and consequent cost overrun shall not be entertained under any circumstances.

Seal and signature of the tenderer

  
General Manager, SWL

SECTION – A  
BIDDER'S PROFILE  
(On Company's Letter Head)

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1. Name of the Company:
  
2. Address of the Company:
  
3. Name of Contract Person:
  
4. Mobile No. and e-Mail ID:
  
5. Registration nos.:
  - a) PAN:
  
  - b) GST:
  
  - c) P Tax:
  
  - d) PF:
  
  - e) ESI:
  
6. Bank details for refunding EMD/release of payments.
  - a) Bank Name:
  
  - b) Branch Name:
  
  - c) Beneficiary Name:
  
  - d) Account No.:
  
  - e) IFS Code:

Signature of the tenderer with office seal



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## SECTION – B SPECIAL TERMS AND CONDITIONS

1) Place of Delivery/Work:

The work has to be carried out in the premises of SWL at 1 Foreshore Road, Howrah 711102.

2) Completion Time: 60 days from the date of receipt of work order.

3) Order acceptance: The final evaluation will be made based on total price quoted by the bidder.

4) SWL's Scope of Supply:

- a) Worksite, water, electricity (as long as CESC supply is available), material handling facility and crane as available.
- b) All necessary and related system drawings, any special tools required during installation work.
- c) All type of Cable Trays & Bends, GI & MS Strips, Earthing & Clamping Strips, Pipes, Flanges, Bends, Angles, MS Plates, Flat Bar, Deck / BHD Glands, Deck / BHD Tubes, Cables, Cable sealing compound, Putty and all equipment & accessories viz. MSB, DBs, Control Panels, light fittings & fixtures, switches, control equipment etc. to complete the electrical system on board.

5) Contractor's Scope of Supply:

- a) Competent supervisor, skilled & un-skilled workmen; consumables like class approved Electrodes, Industrial Gas (all types), Gas cutting, Welding machine with standard accessories, Grinding machine, Cutting machine with wheels, Drilling machine, Tools & Tackles, Blowers, Oven, Safety items for workmen, Standard crimping tools and accessories for termination of cables, Testing equipment with calibrated certificates etc. as required during installation like Megger, multi-meters, tong testers, phase sequence meter, stop watch, milliohm meter.
- b) All consumables like fasteners, Ferrules, brass clips, PVC sleeves, Tapes, Fibre tapes, Rubber & ebonite bushes, crimping sockets & lugs, Battery terminals, Cable Glands, Jutes & rags etc. as required during installation.

6) Contractor's Scope of Work:

- a) Transportation of electrical equipment and other materials to worksite from SWL store/ stock yard.
- b) As per system requirement cable trays, cables to be laid, proper deck/bhd gland sealing for cables and all electrical equipment are to be installed on board.



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- c) Proper care should be taken that all the cables, panels, DBs, starters, switches, all equipment etc. to be accessible for attending operation and rectification, if any.
- d) Cables to be secured properly at optimum interval in compliance with the standard Ship-building practice.
- e) System testing to be conducted in conformity to IWT class rules and requirement.
- f) Any shortage of materials to be identified and brought to the notice of competent authority well in advance to avoid the interruption of working schedule.
- g) Free assistance for trial of all on board equipment, at least 3 occasions.
- h) Load testing arrangement for alternator and rectifier (for survey of IWT).
- i) Any other minor work not indicated above but required for successful completion of the job as per sound shipbuilding practice.

7) Variation in Work:

SWL shall have the right to make variation in the BOQ of the tender at the time of execution of the work. In case of upward variation in the item quantity, contractor will be bound to execute the work as per the BOQ approved rate.

8) Inspection:

By IWT Directorate, W.B. Govt. and SWL in stages and also after completion. The jobs are to be carried out as per direction of SWL and with close liaison among departments.

9) Price: To be quoted in INR per unit basis.

10) Taxes: As applicable.

11) Work Done Certificate:

Actual work mentioning quantity carried out to be certified by the representative of SWL.

12) Issue of Material:

All free materials to be collected by the contractor from SWL Stores with requisite Issue Pass Slips to be provided by SWL.

13) Material Reconciliation:

The contractor to furnish SWL material reconciliation statement showing details of materials received, materials actually consumed, excess materials returned, wastage etc. along with the last bill. The statement should be submitted with documentary evidence of materials issued / returned / wastage duly accepted by competent authority of SWL.



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14) Terms of Payment:

Payment will be made in stages depending on progress of acceptable quantity of the job. Bills are to be submitted enclosing work done certificate issued by SWL. 90% of each bill shall be paid within 30 days from the date of submission. Balance 10% of the stage bills will be retained and released on completion of work subject to submission of Bank guarantee of equivalent amount as per SWL format from any scheduled bank with a validity of 18 (eighteen) months from the date of completion of work. The bill should be raised as:

- A. Cable Tray & Carrier Work: (As per Part – I of Tech. Spec.)
  - a. 80% payment on completion of preliminary installation inspection.
  - b. 20% payment on completion of final securing after installation inspection.
- B. Cable Laying & Termination: (As per Part – II of Tech. Spec.)
  - a. 40% on completion of cutting & lying of cables on board and after preliminary securing with binding wires.
  - b. 40% after final dressing, securing & clipping of cables after installation inspection.
  - c. 20% on completion of termination of cables.
- C. Panels, DBs, Starter, Etc. Equipment for Installation, Termination and Commissioning including Testing / Trials: (As per Part – III of Tech. Spec.)
  - a. 50% after completion of installation.
  - b. 30% after completion of termination.
  - c. 20% after commissioning including testing and trial.
- D. Light Fittings, Fans, Plugs, Sockets etc. for installation and termination: (As per Part – IV of Tech. Spec.)
  - a. 50% after completion of installation.
  - b. 50% after completion of termination.

15) Guarantee:

The job to be carried out shall withstand guarantee for a period of 18 (eighteen) months from the date of completion and acceptance by SWL.

16) Liquidated Damage (L.D.):

In the event of delay in execution of the work due to the reason attributable to the sub-contractor, liquidated damage @0.5% per week's delay or part there of subject to a maximum of 5% of the order value shall be levied and recovered from the sub-contractor.

17) Risk Purchase:

In case of delay in execution of the work beyond the contractual completion period, SWL reserves the right to out-source the job from any other firm at the risk and cost of the vendor.



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18) Prevention of Damage:

Utmost care has to be taken during work at SWL yard to avoid any damage/loss of company's materials, machineries. Wilful damage has to be compensated in full. Safety of sub-contractors men and materials shall their own responsibility. All rules applicable for working within PSU premises are to be adhered to.

19) Safety:

Proper safety of contractor's workmen will be completely under the responsibility of contractor at shipyard of SWL.

20) Arbitration:

For disputes arising in executing and discharge of the contract from either side the Managing Director of SWL, HRBC Office Compound, Canteen Building, 1st floor, Munshi Premchand Sarani, Kolkata – 700 021 shall act as Arbitrator between the Seller & Buyer.

21) Jurisdiction:

Litigation, if any, pertaining to the contractor will come under the jurisdiction of High Court at Kolkata.

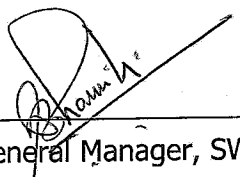
22) Acceptance:

The bidder has to sign the NIeT document with official seal as a token of their acceptance of the terms and conditions and submit along with technical bid.

23) Enclosed Drawings:

- a) Single Line Diagram Drawing No. SWL-27.5M-E-02 (Rev.-0) Sheet 1 of 23 to Sheet 23 of 23
- b) General Arrangement (GA) Drawing No. SWL-27.5M-01 (Rev.-A) Sheet 1 of 1

Seal and signature of the tenderer

  
General Manager, SWL





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## SECTION - C TECHNICAL SPECIFICATIONS

To  
SWL

I/We have read the tender paper fully and understood the meaning/purpose thereof and agreeable to undertake the job as per scope of work and description of work stated hereunder and abide by all other terms and condition of the tender.

Description of Work:

### **PART - I**

| SL.  | DESCRIPTION                                     | QUANTITY (Approx.) |
|------|---|--------------------|
| 1    | GI CABLE TRAY                                   |                    |
| 1.01 | 200/250 mm                                      | 100 Mtr.           |
| 1.02 | 150 mm  | 120 Mtr.           |
| 1.03 | 100 mm  | 240 Mtr.           |
| 1.04 | 75 mm   | 280 Mtr.           |
| 2    | GI CONDUIT                                      |                    |
| 2.01 | 50 NB   | 24 Mtr.            |
| 2.02 | 40 NB   | 18 Mtr.            |
| 2.03 | 25 NB   | 36 Mtr.            |
| 3    | W/T MULTIPLE DK GLAND MS                        |                    |
| 3.01 | (60 x 110 x 205) mm                             | 8 Nos.             |
| 3.02 | (80 x 150 x 205) mm                             | 8 Nos.             |
| 3.03 | (100 x 100 x 250) mm                            | 4 Nos.             |
| 4    | W/T MULTIPLE BHD GLAND MS                       |                    |
| 4.01 | (60 x 110 x 230) mm                             | 5 Nos.             |
| 4.02 | (80 x 150 x 230) mm                             | 5 Nos.             |
| 4.03 | (100 x 250 x 230) mm                            | 3 Nos.             |
| 5    | W/T DECK / BHD SINGLE TUBE GLAND, ASSORTED SIZE | 22 Nos.            |



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## **PART - II**

| Approximate Length of Cable for Laying and Termination LFH / PVC Insulated Copper Conductor Cables 27.5 Meter RO-RO Vessel, Yard 805 |                                   |           |
|--|-----------------------------------|-----------|
| SL.  | CORE x SIZE (Approx.)<br>(Sq. mm) | QTY/SHIP  |
| 1  | 3 x 16                            | 140 Mtr.  |
| 2  | 3 x 6                             | 220 Mtr.  |
| 3  | 3 x 4                             | 140 Mtr.  |
| 4  | 3 x 2.5                           | 300 Mtr.  |
| 5  | 3 x 1.5                           | 420 Mtr.  |
| 6  | 2 x 2.5                           | 1880 Mtr. |
| 7  | 2 x 1.5                           | 4200 Mtr. |
| 8  | 7 x 1.5                           | 200 Mtr.  |
| 9  | 15 x 1.0                          | 150 Mtr.  |
| 10   | 2 x 1.5 screened                  | 160 Mtr.  |
| 11   | Battery cable                     | 60 Mtr.   |



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## PART – III

| Panels/DB's/Starter/etc. Equipment for Installation, Termination and Commission including Testing/Trials on 27.5 Meter RO-RO Vessel, Yard 805 |   |             |
|---|---|-------------|
| SL.   | CORE x SIZE (Approx.)<br>(Sq. mm)                               | QTY/SHIP    |
| 1   | Main Engine local control panel in E.R. & remote stop for W.H.  | 2 Ship Sets |
| 2   | D. G. set local control panel in ER & remote stop for WH.       | 2 Ship Sets |
| 3   | Steering gear local control panel & W.H. panel with accessories | 1 Ship Set  |
| 4   | Main Switch Board   | 1 Ship Set  |
| 5   | Shore Connection Box  | 1 Ship Set  |
| 6   | Trans Rectifier Cum Battery Charger with DCDB                   | 1 Ship Set  |
| 7   | Battery Charger, 0.5KW, 230/24V DC                              | 1 Ship Set  |
| 8   | Battery 180AH / 150AH, 24V.                                     | 3 Ship Sets |
| 9   | Battery 100AH, 12V.   | 2 Ship Sets |
| 10  | Transformer Bank 7.2 KVA with link panel                        | 1 Ship Set  |
| 11  | <u>Panels</u>   |             |
| 11.01   | Anchor Windlass control panel & master controller.              | 2 Ship Sets |
| 11.02   | Ramp Winch Control Panel & Master Controller with accessories.  | 2 Ship Sets |
| 11.03   | Navigation Lighting Panel (24V.).                               | 1 Ship Set  |
| 12  | <u>Starter</u>  |             |
| 12.01   | Star / Delta Starter.   | 2 Sets      |
| 12.02   | DOL starter with remote stop.                                   | 5 Sets      |
| 13  | Lighting & MISC DB  | 1 Ship Set  |
| 14  | Electric horn.  | 1 Ship Set  |
| 15  | Battery Box.  | 5 Sets      |
| 16  | Window Wiper  | 2 Sets      |
| 17  | P.A. System   | 1 Ship Set  |
| 18  | Multi Switch Panel complete in W. H.                            | 1 Ship Set  |
| 19  | Ships illumination Name Boar                                    | 1 Ship Set  |
| 20  | Alternate Shore supply 230 V. Panel                             | 1 Ship Set  |



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## PART – IV

| Light Fittings, Fans, Plugs, Sockets, etc. for Installation and Termination on 27.5 Meter RO-RO Vessel, Yard 805 |   |          |
|--|---|----------|
| SL.  | DESCRIPTION   | QTY/SHIP |
| 1  | W. T. Al. with net-guard 230V, 11W, LED Light.                | 50 Nos.  |
| 2  | LED square type Flush mounting 9W, 230V,Ceiling light.        | 18 Nos.  |
| 3  | Mirror light with Saver Socket 230V, 6W, LED.                 | 3 Nos.   |
| 4  | Bunk Light with Built in on / off SW.230V, 6W.                | 12 Nos.  |
| 5  | 1000w, 230v, S.L. Operated from W.H. Deck Mounted.            | 2 Nos.   |
| 6  | 200W, 230V, W.T. Flood light fitting Led / Halogen.           | 4 Nos.   |
| 7  | AL. Die Cast Body, E. L. Flush Mount, 15W, 24V.               | 30 Nos.  |
| 8  | L. E. D. Type Flush Mounting E. L. 15W. 24V.                  | 10 Nos.  |
| 9  | 300mm Cabin Fan, Oscillating Built in Regulator 230V.         | 13 Nos.  |
| 10   | 24V D.C. Gong Bell.   | 4 Nos.   |
| 11   | N.W.T 10 AMP D.P. Switch including module Box.                | 15 Nos.  |
| 12   | N.W.T 10 AMP D.P. Switch Socket with module Box.              | 40 Nos.  |
| 13   | P. B. Station in W. H.  | 8 Nos.   |
| 14   | Toggle Switch D.P. Two Way, Double Throw.                     | 16 Nos.  |
| 15   | W. T. AL. Cast Body Metal clad switch (on / off), 230V.       | 12 Nos.  |
| 16   | W. T. AL. Cast Body Metal clad switch Socket with plug, 230V. | 15 Nos.  |
| 17   | W. T. AL. Cast Body Metal clad switch Socket with plug, 230V. | 25 Nos.  |
| 18   | Electric Horn (Marine Type) DUAL, 24V.D.C.                    | 1 Set    |
| 19   | Aldis signalling Lamp 24V. D. C.                              | 1 Set    |
| 20   | Metal Clad I. C. T. P Change Over Switch 3 Ph, 440V.          | 1 Set    |

Seal and signature of the tenderer

  
General Manager, SWL