

TENDER FOR
ANNUAL DRY DOCK REPAIRS OF
BULK CARGO BARGE “ORION”

TENDER No. M- 603/2020 dated 01.12.2020

| | |
|------------------------------|-------------------------------|
| Tender No: | M – 603/2020 dated 01.12.2020 |
| Cost of Tender documents | Rs. 2500.00 + GST @ (12%) |
| Last date of receipt of bids | 21.12.2020, 3.00 PM |
| EMD | Rs. 50,000.00 |
| Date of opening of bids | 21.12.2020, 3.30 PM |

KERALA SHIPPING & INLAND NAVIGATION CORPORATION LTD.,
63/3466, Udaya Nagar Road, Gandhi Nagar, Kochi-20
(Phone: 2203614, 2206232, 2206872)



Signature of the Tenderer

TENDER FOR ANNUAL DRY DOCK REPAIRS ON CARGO VESSEL ORION

Tender No. M – 603/2020 dated 01.12.2020

Tender inviting notice for carrying out Annual Dry dock repairs on cargo barge Orion owned by KSINC LTD:

The specifications of the vessel are as follows:

| Particulars of vessels tonnage | |
|---------------------------------------|----------------|
| Length | 49.00 M |
| Breadth | 09.00 M |
| Depth | 02.75 M |
| GRT | 349 Ton |
| Build & Material | Steel |
| No. of decks | Single |
| Stern | Transom |

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KERALA SHIPPING AND INLAND NAVIGATION CORPORATION LTD

(A Government of Kerala Undertaking)

63/3466, Udaya Nagar Road, Gandhi Nagar, Kochi -682020.

Tel: 0484 2203614/2206232, Fax 2206848 www.ksinc.in

TENDER FOR ANNUAL DRY DOCK REPAIRS ON CARGO VESSEL ORION

Tender No. M – 603/2020 dated 01.12.2020

PRICE BID

(Amount in Indian rupees shall be stated in figures and in words. The price quoted shall be inclusive of all taxes, levies and other charges)

| Description | Value quoted(Rs.) |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------|
| <p>Annual Dry Dock Repairs on cargo barge Orion owned by KSINC Ltd. (inclusive of all labour and materials) (detailed rates as per schedule)</p> | <p><i>Rs.</i></p> <p><i>Rupees</i></p> <p>.....</p> <p>.....</p> |

I/We hereby certify that the rates quoted above are inclusive all rates, taxes, levies and other charges for the barge for delivery at Kochi complete in all respects

Place:

Signature :

Date

Name :

Address :

Signature of the Tenderer



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Tender No. M – 603/2020 dated 01.12.2020

TENDER SCHEDULE

| Sl no. | Description of work | Quantity | Rate (incl.material & labour) | Amount (incl.material & labour) |
|--------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|-------------------------------------|---------------------------------------|
| 1 | Hauling up and Launching out | LS | | |
| 2 | Dock rent | 45 days | | |
| 3 | Surface preparation: – | | | |
| | a. For external areas | 1059 m2 | | |
| | b. For inner sides of tanks / compartments | 1572 m2 | | |
| | c. Buffing internal surface of fore peak and cargo tank | 800 m2 | | |
| | d. cargo tank blasting | 524 m2 | | |
| 4 | Removing the thickly formed oyster coating and other vegetation growth from the underwater portion of the vessel including cleaning the vessel complete as per the instruction of the Corpn. Officers. | 626 m2 | | |
| 5 | Supplying & painting with approved quality of international marine epoxy primer | | | |
| | a. Anti corrosive interguard 269 or equivalent in deck, forepeak tank, DB, cargo hold coaming, engine room, chequered plate, wheel house and accommodation - 1 coat. | 2270 m2 | | |
| | b. Anti corrosive epoxy intertuf 262 primers for hull exterior - 1 coat. | 785 m2 | | |
| | c. Primer 403 in cargo tank - 1 coat | 596 m2 | | |
| | d. Antifouling paint 1 coat 155 red , 1 coat of tie coat 263 (2 coats) | 1252 m2 | | |
| | e. Polyurethane 138 finish paint 138 – 2 coats in hull exterior above water level, wheel house accommodation exteriors, engine room. | 960 m2 | | |
| | f. Inter bond 201 epoxy finish paint 2 coats in weather deck, fittings, bull wark, cargo hold coaming,chequered plate | 550 m2 | | |
| | g. Anti corrosive finish paint surface tolerant 966 in internal areas DB, forepeak, aft tanks 01 coat | 1800 m2 | | |
| | h. Cargo hold finish paint 403 - 01 coat | 596 m2 | | |
| 6 | Engine room bilge cleaning after removal & fitting of | LS | | |

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| | platform plates. | | | |
| 7 | Welding Zinc anodes on the underwater portion of the hull after removing old brackets. | 50 Nos. | | |
| 8(a) | Supplying and welding (using IS 6013/ IS 7018 marine quality welding rod) with new various thickness plate of IS 2062 GR B quality for beam/ gazette and other plate work of original size and shape | | | |
| | to the various portions of the vessel after heating and bending to shape, V cut on the matting edge of the plate and three layer welding on both sides together. The rate including the welding charges, tools, plants, scaffolding other incidental expenses etc complete as per the direction of KSINC officers. (Entire quantity of welding rod supply should be get inspected and approved by engineer, who is in-charge of work or designated by KSINC. | | | |
| | 6mm | 01 T | | |
| | 8mm | 02 T | | |
| 8(b) | Supplying and welding (using IS 6013/ IS 7018 marine quality welding rod) with new various size of MS round bar, angles, flats and shape to the various portion on the vessel (already removed from the damaged portion of the vessel) after heating and bending to shape, V cut on the matting edge of the plate and three layer welding on both sides together. The rate including the welding charges, tools, plants, scaffolding other incidental expenses etc complete as per the direction of KSINC officers. | 500.00 kg | | |
| 8(c) | Supplying and welding (using IS 6013/ IS 7018 marine quality welding rod) with various size of M.S items and fabrication of skylight, Air cowl, doors, and other out fittings. The rate including the welding charges, tools, plants, scaffolding other incidental expenses etc complete as per the direction of KSINC officers. | 300.00 kg | | |
| 9 | Fender works (M S split pipe) | 38.00 mtr | | |
| | a. Fitting split pipe fender with new pipe 6" or 8" with brackets spaced at 300 mm at straight portion and 500 mm maximum at curved areas. | | | |
| | b. Cutting, removal & refitting of damaged fender | 3.00 mtr | | |
| 10 | a. Tyre hooks | 12 Nos. | | |
| | b. Tyres providing | 12 Nos. | | |

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| 11 | Removing both anchor with cable (stud link chain) from the winch. Chipping, scrapping, wire brushing, cleaning, free the swivel links and applying red oxide and painting the chain and placing chain with anchor on the winch as per the direction and satisfaction of KSINC officers. | 01 set | | |
| 12 | Bathroom W/C pipe, fresh water line works | LS | | |
| 13 | a. Semi rotary pump overhauling | 1 no. | | |
| | b. Semi rotary pump fixing with pipes and flanges. | 1 no. | | |
| 14 | Damaged man hole cover renewal of Cargo hold | 6 Nos. | | |
| 15 | Man holes handles renewal of various man holes by using 5/8" rod X 200 mm length X 2 | 18 Nos. | | |
| 16 | Sea chest & gratings removal, cleaning and refitting | 03 nos. | | |
| 17 | a. Propeller, propeller shaft, CL bushes renewal and refitting after works. | 02 sets | | |
| | b. Propeller balancing | 02 Nos | | |
| | c. Propeller shaft build up SS electrodes including cost of electrode | 02 sets | | |
| | d. CL bushes renewal | 02 sets | | |
| | e. CL bushes machining | 02 sets | | |
| | f. Propeller shafts machining, coupling glands , nuts (thread correcting) facing and suiting | 02 sets | | |
| | g. Rudder and rudder stock renewal and refitting | 02 Nos | | |
| | h. Rudder shaft build up including cost of electrodes | 02 sets | | |
| | i. Rudder shaft machining | 02 sets | | |
| | j. Rudder bushes, bearings renewal | 02 sets | | |
| 18 | Removal & refitting of engine room, semi rotary P/P pipe line | LS | | |
| 19 | a. Damaged handrails renewal | | | |
| | 1 ½" Schedule 40 | 12.00 m | | |
| | 2" schedule 40 | 18.00 m | | |
| | b. Railing chains 5/8" (2.0 m) renewal with schackles 5/8" (2 Nos) | 5 Nos | | |
| | c. Fixing of Pipe rails & stanchions on doublers plates on deck. 2" diametre | 6.00 m | | |
| 20 | Accommodation / hylum sheet / Sun mica/ ceiling plywood renewal / side paneling renewal with new M.S cleets, wooden reapers and 6mm/4mm new plywood without causing damage to other parts, after removing the old damaged hylum sheet / plywood. | 5.00 m2 | | |

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| 21 | Tarpaulin hooks renewal | 62 Nos. | | |
| 22 | Door & hatches beadings, locking arrangements renewal | LS | | |
| 23 | Renewal of life buoy | 01 No. | | |
| 24 | Diesel storage tank man hole face leakage rectification | 01 No. | | |
| 25 | a. Main engine top overhauling, cylinder heads pressure testing b.turbo servicing, c. FIP calibration, d. gear oil pressure gauge renewal e. auxillary engines servicing including spares. | LS | | |
| 26 | Steering hoses damaged renewal connectors damaged , replacing with SS | LS | | |
| 27 | Auxillary engine foundation realignment in engine room | LS | | |
| 28 | Replacing defective sockets, fans , plugs and lighting | LS | | |
| 29 | Overhauling of starters and alternators and replacing of sensors | LS | | |
| 30 | Servicing / repair of navigational light control panel | LS | | |
| 31 | Repair / replacement of rudder angle indicator | LS | | |
| 32 | Replacement of navigational lights & search light | LS | | |
| 33 | Battery replacement (08 batteries) | LS | | |
| 34 | Additional electrical works related to plate renewal, machinery overhauling and panel works. | LS | | |
| 35 | Renewal of Air vent | | | |
| | 2 ½" | 5 Nos | | |
| | 2" | 2 Nos | | |
| | Sounding pipe | | | |
| | 2 ½" | 2 Nos | | |
| 36 | 2" | 2 Nos | | |
| | Cutting and removing corroded and damaged pipe of following sizes with or without flanges from sea water / fresh water lines in different parts of the vessel without damaging remaining parts. Fabricating and welding using 25mm dia best quality B class GI pipe, bend etc, in place of removed portion in same shape with or without flanges and coupling the pipes using new bolts and nuts, joints etc direction of dept officers. | | | |
| | 40 mm | 12.00 m | | |

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| | 50 mm | 4.00 m | | |
| | 65 mm | 4.00 m | | |
| | 80 mm | 1.00 m | | |
| 37 | Welding per run (using IS 6013/ IS 7018 grade electrodes) | 20.00 m | | |
| 38 | Opening up of the man hole cover of diesel service tank/lube oil storage tank and making gas free after drain out existing diesel oil / lubrication oil to be barrel cleaning the tank and refill diesel oil lube oil from barrels to the tank and close the man hole cover using new bolt and nut, joint etc, as per the direction of Corpn. Officers: Service tank 1000 LT (1 T) | 1 Nos | | |
| 39 | Opening up the manhole cover of freshwater storage tank of various capacities. Removing the sediments in the tank and cleaning the complete surface of the tank. Washing (coating) the inside of the tank using white cement refit the man hole cover using new bolt and nut, joints etc as per the direction of dept officers. Capacity 6 ton | 2 Nos | | |

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CONDITIONS OF TENDER

1. The contractor should carry out the works as per the direction and satisfaction of KSINC Officials.
2. The tender document can be downloaded from the website of the Company www.ksinc.in and cost of the tender document is **Rs.2, 500/- (GST@12% extra)** shall be remitted along with the tender by way of D.D, drawn in favour of “KSINC Ltd” payable at Ernakulam / can be collected by remitting cash at KSINC H.O.
3. The duly filled & signed in tender documents addressed should reach KSINC H.O, Gandhi Nagar on or before, **21.12.2020 03.00 P.M** and the tenders will be opened on same day at 03.30 P.M.
4. The duly filled in and signed tender document to be addressed in favour of:
**The Manager Technical, 63/ 3466,
Gandhi Nagar, Udaya Nagar Road,
Kochi – 682 020**
5. **E.M.D of Rs. 50,000.00** to be submitted along with the tender in form of Demand draft in favour of “KSINC LTD” payable at Kochi.
6. The successful bidder shall have to furnish a **performance security deposit of ` 5,00,000/- (Five Lakh)** in form of demand draft in favour of “K.S.I.N.C LTD” payable at Kochi within 3 days from date of receipt of work order.
7. To qualify the eligibility criteria contractor should meet the following conditions:-
8. a. Experience having successfully completes the repair of this type of vessel.
(Proof of experience to be attached along with the tender)
b. The firm should possess yard suitable for hauling up vessels similar type.
c. Firm should have GST registration.
9. Rate should be quoted for item wise and the tender otherwise are liable to be rejected.

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10. The work will be inspected by the KSINC representative and any work not up to satisfaction that should be rectified or attended the same by the contractor at their own cost.
11. All the spares, consumables, materials etc required for the work shall be arranged by the contractor. Steel plates to comply IS 2062 grade B material certificate.
12. Paints used to be of marine grade certified paints.
13. Welding electrodes to be of I.S standard approved for marine use.
14. An experienced supervisor to be deployed in yard at all stages of the work.
15. Entire work to be completed within a period of 30 days from date of signing of agreement. The date fixed for commencement and completion of works (after considering the extension period if any allowed due to the reasonable causes by the concerned authority) as entered in the agreement shall be strictly observed by the contractor who shall pay a penalty at the rate of 0.05% of the PAC subject to minimum of Rs. 1000/- per day for the works remain un – commenced or unfinished after the due date and the total penalty limited to 10% of the PAC.
16. Details of proposed Dock / Slipway and scheduled date of docking to be clearly mentioned.
17. A Pert Chart for the work to be submitted along with the work for completion of the work.
18. The rates shall include all the taxes, levies, Cess, Octroi, royalty, terminal tax, all incidental charges, excise service tax or any other local or central taxes as applicable/ charged by Center or State Government on all materials, including steel, wood, P.O.L (and increase if any, on these during the currency of the contract) that the contractor has to purchase for the performance of the contract, shall be payable by the contractor and the Authority will not entertain any claim for compensation whatsoever in this regard. The rates quoted by the contractor shall be deemed to be inclusive of all such taxes, duties, levies, etc. and any increase therein.
19. Tenderer shall have Permanent Account Number issued by Income Tax Department and a valid GST Number.
20. Yard to be accredited by KIV for carrying out the repairs.
21. Laison with KIV for conducting the survey to be the scope of the yard.

Signature of the Tenderer

22. The contractor shall employ Labour in sufficient numbers to maintain the required rate of progress and of quality to ensure workmanship of the degree specified in the contract and to the satisfaction of the Engineer-in-Charge. The Contractor shall not employ in connection with the works any person who has not completed eighteen years of age the minimum age specified in Indian Labour Law.
23. The availability of suitable equipments such as, slipway and marine work shop/yard, any other equipment & accessories, sources & out sources of the same, the present deployment, mobilization time, capacity and details of the equipments etc. to undertake of the equipment to spare the same for this work during the stipulated time/period shall be enclosed.
24. Successful Tenderer should execute agreement with KSINC in stamp paper worth Rs.500/-, within 3 days from date of receipt of work order.
25. 1 year warranty to be provided for the work from date of completion of work.
26. 10 % of the bill amount will be retained towards security deposit and will be released after completion of 1 year warranty period.
27. The performance security deposit of Rs.5, 00,000/- deposited will be released after satisfactory completion of work and producing the work completion certificate from the Engineer in-charge.
28. All safety measures of the employees to be ensured by the contractor himself. K.S.I.N.C bears no responsibility for any claims in term of losses, damages or accidents at the work site. Contractor should also meet all the regulations towards employees such as E.S.I, P.F etc.
29. Tender(s) received late on account of any reason whatsoever may be the case and telegraphic tender(s) shall not be entertained.
30. The work will be awarded based on the overall amount quoted, rate quoted for each item and the facility of the yard.
31. K.S.I.N.C reserves the right to reject any/all the tenders without assigning any reason thereof.
32. All pages of the tender document to be signed by the authorized signatory and the specimen signature of the signatory to be authorized along with designation in the set – up and kept along with the tender document.

Signature of the Tenderer