

# RE-TENDER DOCUMENT

FOR

## ANNUAL DRY DOCK REPAIRS ON MOB OCEAN BREEZE OWNED BY KSINC LTD

**TENDER No. W-301/OCEAN BREEZE/2018-19 dated 31.07.2018**

Tender No	W-301/OCEAN BREEZE/2018-19
Cost of Tender documents	Rs. 2500 +GST (12%)
Last date of receipt of bids	10.09.2018, 3.00 PM
EMD	Rs. 50,000.00/-
Date of opening of bids	10.09.2018, 3.30 PM

**KERALA SHIPPING & INLAND NAVIGATION CORPORATION LTD.,  
38/924-A, Udaya Nagar Road, Gandhi Nagar, Kochi-20  
(Phone: 2203614, 2206232, 2206872)**

Signature of the Tenderer

**TENDER SCHEDULE**

Tender inviting notice for carrying out Annual Dry dock repairs on Barge MOB Ocean Breeze owned by KSINC LTD:

The specifications of the vessel are as follows:

**LOA** - 53.00mtr  
**LBP** - 50.865mtr,  
**Breadth** - 10.00 mtr  
**Depth** - 3.00 mtr  
**Draft** - 2.050mtr  
**G.T** - 506 Ton.

Sl.No	Description of work	Quantity	Rate (Including material & Labour)	Total Amount (Including material & Labour)
1	Hauling up and Launching out	LS		
2	Safe berthing of the vessel at a height of 1 meter for inspection of U/W Hull area and stern gear system			
3	Removal of sea growth / oyster system formation from U/W Hull area	790 m <sup>2</sup>		
4	Removal and refitting of Rudder & Stock ( PS & SB)	2 Set		
5	Removal of worn out rudder bushes and refitting of new set rudder bushes	2 Set		
6	Rebuilding of worn out area of rudder stock with SS metal and machining to size (PS &SB )	2 Set		
7	Removal and refitting of propeller and shaft (PS & SB) (renewal of bushes)	2 Set		
8	Propeller shaft bend checking, straightening worn out area building up, machining and coupling facing (PS & SB)	2 Set		
9	Removal & refitting of new one cutless bushes	2 Set		
10	UT gauging of hull outside & inside cargo tanks, superstructure pipe lines	2500 Points		
11	Removal of scarified zinc anode (2.5 kg each) and refitting of new ones	65 No.		

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12	Removal, cleaning and refitting of sea chest gratings	4 No.		
13	Sand blasting, cleaning and repairing the hull for painting	1230m <sup>2</sup>		
14	Pneumatic/manual chipping, buffing, scraping and cleaning, repairing the above water level hull for painting	440m <sup>2</sup>		
15	Removal of damaged tyre fender and replacing with suitable MS chain 2 meter (Approx.) long with shackles as per the existing arrangement.	31 m		
16	Sand blasting, cleaning the deck and out fittings and repairing for painting	450m <sup>2</sup>		
17	Chipping, scrapping, cleaning of the owing rails onboard	50m <sup>2</sup>		
18	Removal of damaged owing rail pipe 1 1/2"	20RM		
19	Painting the underwater area with high quality Epoxy primer and Epoxy black paint (1 +1 coat) (marine quality paints)	1580m <sup>2</sup>		
20	Marine quality antifouling paint of underwater area	790m <sup>2</sup>		
21	Painting of deck and out fittings with high quality Epoxy primer and Epoxy paint(1+1) deck green	900m <sup>2</sup>		
22	Painting of owing rail fittings (1 coat) white	50m <sup>2</sup>		
23	Painting of cargo tank top area and sides with epoxy paint antiskid for top area and white for sides (Top area -350m <sup>2</sup> , sides- 200 m <sup>2</sup> )	550m <sup>2</sup>		
24	Outer surface area of wheel house and all cabins including blowers, hand rails etc lock and out fittings painting with high quality S.E white paint	350m <sup>2</sup>		
25	Removal of the basement/ foundation of water tank 500 liter each in M S angle	3 No.		
26	Removal & refilling of all tank manhole covers with new packing/ gaskets and SS furnishings	13 No.		
27	Removal of all cargo tank manhole covers and skylight and covers, removing the existing rubber, cleaning and cleaning the area and refitting with new rubber beadings	13 No.		
28	Chipping ,scraping and cleaning of rudder compartment	240m <sup>2</sup>		
29	Painting of R/C with 2 coats of epoxy primer and one coat epoxy paint	720m <sup>2</sup>		
30	Aft bulwark paint epoxy white	150m <sup>2</sup>		
31	Removal of dirty oil from PS& SB stock tank	LS		

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32	Chipping, scrapping, cleaning of inside areas of all wing tanks	800m <sup>2</sup>		
33	Painting these area with epoxy primer I coat	800m <sup>2</sup>		
34	Chipping ,scraping cleaning of fore peak ballast tank	325m <sup>2</sup>		
35	Painting these area with epoxy primer + paint (1+1)	650m <sup>2</sup>		
36	F/P anchor & chain blasting, cleaning and painting with epoxy primer and paint	2 set		
37	Chipping, scrapping and painting of AFT anchor & Windlass	1 No		
38	Marking of all draft number, ship name and all statutory warnings on all sides	LS		
39	Cleaning and painting of Aft F/W tank	LS		
40	Removal, shifting and fitting at suitable place as per the crew on board the Life raft stand	LS		
41	Providing new fire Hose box in FRP as per existing on PS deck	1 No		
42	Engine Room bilge cleaning	LS		
43	Engine room bottom surface painting with Epoxy grey paint	140m <sup>2</sup>		
44	E/R deck paintings and foundation painting with Epoxy dark green	150 m <sup>2</sup>		
45	Cargo pump room bottom area cleaning and painting with epoxy dark green	100 m <sup>2</sup>		
46	Cargo pump room top, sides and deck paintings and foundation painting with epoxy white	550 m <sup>2</sup>		
47	Painting of all cargo pipe lines on pump room with epoxy black paint	20 m <sup>2</sup>		
48	Chipping, scrapping, cleaning all cargo pipe lines, fire pipe lines, electric cable pipe etc outer surface.	125 m <sup>2</sup>		
49	Painting cargo pipe lines, fire pipe lines, electric cable pipe with epoxy black paint and red for fire	125 m <sup>2</sup>		
50	Providing new life buoys (MMD Approved)	6 No		
51	Providing (MMD Approved) fire bucket	8 No		
52	Providing (MMD Approved) new fire hose with gun	1 No		
53	Making and providing MS cover for sand box	1 No		
54	Replacing rubber washer/ gasket of fire hydrant valves	7 No		
55	Renewal of LED light on bathroom	2 No		

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56	Providing flexible covering 1/2 " for Electric wire conductor	50 RM		
57	Providing a boat hook with handle	1 No		
58	1) Renewal of Sea chest air nut pipe 2"	2 mtr		
	2) Renewal of Sea chest air nut pipe 2" shaft bend	4 No.		
59	1) Renewal of sea water suction & delivery lines in E/R of main engine with 2" MS "C" class pipe	10 RM		
	2) Renewal of sea water suction & delivery lines in E/R of main engine with 2" long level(MS "C" class)	2 No		
	3) Renewal of sea water suction & delivery lines in E/R of main engine with 4" pipe MS "C" class	5 RM		
60	Wing tank air nut pipe renewal			
	1) 2 1/2" GI	10 RM		
	2) 2 1/2" short bend GI	16 No		
61	1) Servicing, pressure testing and refitting of sea valve 4 "	2 No		
	2) Servicing, pressure testing and refitting of sea valve 3"	2 No		
	3) Servicing, pressure testing and refitting of sea valve of E/R 4 " flanged butterfly valve	2 No		
	4) Servicing, pressure testing and refilling of sea valve 3" flanged butterfly valve	2 No		
62	Dismantling ,cleaning , servicing, pressure testing of outboard valve			
	1) 2 1/2 "	2 No		
	2) 2"	2 No		
	3) 1"	4 No.		
63	Servicing & pressure testing of emergency quick closing valve 2"	2 No.		
64	Providing new 1/2" air vent valve for sea chest PS & SB with 1/2" socket	6 No.		
65	1) Cargo pump room valves servicing, pressure testing 6"	7No.		
	2) Cargo pump room valve servicing, pressure testing 4" butterfly flanged	8 No.		

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	3) Cargo pump room valves servicing, pressure testing 8" gate valve flanged	2 No.		
66	Providing new 6" MS flanged gate valve with all internal parts in GM on SB side F/P and aft (1+1)	2 No.		
67	F/P mast support pipe damaged renewal 2" GI	8RM		
	F/P mast support pipe damaged renewal 'U' clamp 3 1/2"	1No.		
68	Replacing 1" MS flanged valve on SB side D/G suction line	1No.		
69	Making and fitting of new exhaust spark arrester for SB & PS M/E with 5" MS "C" class pipe (1+1)	2 No.		
70	Top overhauling of main engines PS & SB ( Cummins NTA855m)	2No.		
71	Renewal of damaged vinyl flooring on W/H cabin deck	25m <sup>2</sup>		
72	Providing new reducer (MS) slotted pipe 6" x 5"	1 No.		
	Providing new reducer (MS) slotted pipe 5" x 4"	1 No.		
73	Top overhauling of cargo pump engine (ALMU 402/1)	2No.		
74	Top overhauling of cargo pump engine of D/G engine (SIMPSON S-433)	1 No.		
75	Sea water pump dismantling overhauling and refitting of M/E engine	2No.		
76	Sea water pump dismantling overhauling and refitting of D/G engine	1 No.		
77	Overhauling of electrical fire pump	1 No.		
78	Overhauling of F/W pump of (1 HP) of F/W tank	1No.		
79	Servicing of sewage electric driven pump (1HP)	1No.		
80	Providing new grease cup for cargo pump bearing in E/R (PS&SB)	LS		
81	Providing new shake arrester 1" to D/G engine exhaust	1No.		
82	Dismantling ,cleaning, pressure testing and refilling of H/E tubes, oil cooler tube, gear oil cooler tubes of main engine	2 Set		
83	Dismantling, cleaning, pressure testing and refilling of H/E tubes, oil cooler tube, gear oil cooler tubes of cargo pump engine	2 Set		
84	Dismantling , pressure testing and refilling of H/E tubes, oil cooler tube, gear oil cooler tubes of D/G engine	1 Set		

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85	Dismantling, internal block removal, cleaning of all leakage pipe lines of M/E, cargo engines & D/G	LS		
86	Cargo tank air vent flame arrester frame and net damaged replacement	10No.		
87	LSA/ FFA items servicing and certifications as per MMD requirements.			
	1) Life raft	1 No.		
	2) 50 Ltr mechanical foam	1 No.		
	3) 9 Ltr mechanical foam	1 No.		
	4) CO <sub>2</sub> extinguisher	5 No.		
88	Gas freeing tank & all the tanks for inspection			
89	Dock rent (anticipated)	25 days		
90	Afloat (anticipated)	12 days		

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**KERALA SHIPPING AND INLAND NAVIGATION  
CORPORATION LTD**

*(A Government of Kerala Undertaking)*

38/924 A, Udaya Nagar Road, Gandhi Nagar, Kochi -682020.

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

**RE-TENDER FOR ANNUAL DRY DOCK REPAIRS ON MOB OCEAN BREEZE**

(No. W – 301/Ocean Breeze/2018-19 dated 31.07.2018)

**PART II - 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.)
Annual Dry Dock Repairs on MOB Ocean Breeze owned by KSINC Ltd	<i>Rs.</i> .....  <i>Rupees</i> .....  .....  .....

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



**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](http://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.
3. The duly filled & signed in tender documents addressed should reach KSINC H.O, Gandhi Nagar on or before **10.09.2018, 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  
38/924-A, Gandhi Nagar, Udaya Nagar Road,  
Kochi – 682 020
5. **E.M.D of Rs.50,000/-** 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. The Contractor should have previous experience in their name for the such works (Proof of experience to be attached along with the tender)
8. Welding electrodes to be of I.S standard approved for marine use.
9. An experienced supervisor to be deployed in yard at all stages of the work.
10. Entire work to be completed within a period of 25 days from date of signing of agreement. Penalty will be imposed for extra day’s max of 10% for the delayed days.
11. Details of proposed Dock / Slipway and scheduled date of docking to be clearly mentioned.

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12. A Pert Chart for the work to be submitted along with the work for completion of the work.
13. 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.
14. Tenderer shall have Permanent Account Number issued by Income Tax Department and a valid GST Number.
15. Yard to be accredited by KIV for carrying out the repairs.
16. Liaison with IRS/MMD/KIV for conducting the survey to be the scope of the yard.
17. 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.
18. 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.
19. Successful Tenderer should execute agreement with KSINC in stamp paper worth Rs.500/-, within 3 days from date of receipt of work order.
20. 1 year warranty to be provided for the work from date of completion of work.

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21. 10 % of the bill amount will be retained towards security deposit and will be released after completion of 1 year warranty period.
22. 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.
23. 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.
24. Tender(s) received late on account of any reason whatsoever may be the case and telegraphic tender(s) shall not be entertained.
25. K.S.I.N.C reserves the right to reject any/all the tenders without assigning any reason thereof.
26. 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.

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