



COCHIN SHIPYARD LIMITED
COCHIN - 682 015

SB-OSD/TSHD/887/2024

1st August 2024

CORRIGENDUM NO.1

Dear Sir,

Sub: CORRIGENDUM No.1 Dtd: 01/08/2024 to ELECTRICAL OUTFIT STRUCTURAL WORKS - INSTALLATION OF CABLE WAYS & EQUIPMENT SEATS OF TRAILING SUCTION HOPPER DREDGER (TSHD- SH037)

Ref: (1) Tender Enquiry No. SB-OSD/TSHD/887/2024 Dtd:-12/07/2024

1. Subsequent to the above, the hot works related to the Draft sensors are included in the scope of work of the contractors and hence CSL here by Clarify the Technical Requirement as below.
2. Since there are some changes in the Quantity and additions on the Penetration pieces , the Price Bid is revised as attached
3. The Due date of Tender Submission is extended till **06-08-2024 , 15:00 Hrs** with the above effects

Sl. No	For	Read As
01	Annexure I:Clause 1.3 The scope of work covers Electrical Outfit Structural works- which includes Installation of Electrical Cable Ways, Cable Coamings, MCTs and all Equipment Seats including structural works related to under water equipment like ICCP, Speed log and Echo sounder up to the entire satisfaction of CSL, Royal IHC, Owner, and Class Surveyors as per relevant clause of Technical Specification.	Annexure I:Clause 1.3 The scope of work covers Electrical Outfit Structural works- which includes Installation of Electrical Cable Ways, Cable Coamings, MCTs and all Equipment Seats including structural works related to under water equipment like ICCP, Speed log and Echo sounder and Draft Sensors up to the entire satisfaction of CSL, Royal IHC, Owner, and Class Surveyors as per relevant clause of Technical Specification.
02	Annexure I: Clause 10.2.1 The bid shall be comprehensive of the nature of Electrical Outfit Structural Works which includes Installation of Electrical Cable Ways, Cable Coamings, MCTs and all Equipment Seats including structural works related to under water equipment like ICCP, Speed log and Echo sounder, to be executed in TSHD SH-037and shall be inclusive for all the	Annexure I: Clause 10.2.1 The bid shall be comprehensive of the nature of Electrical Outfit Structural Works which includes Installation of Electrical Cable Ways, Cable Coamings, MCTs and all Equipment Seats including structural works related to under water equipment like ICCP, Speed log and Echo sounder and Draft Sensors , to be executed in TSHD SH-037and shall be inclusive for all the

	applicable charges envisaged under the scope of the contractor as specified in the technical specification at Annexure III. All costs related to welder's qualifications shall be borne by the Contractor.	applicable charges envisaged under the scope of the contractor as specified in the technical specification at Annexure III. All costs related to welder's qualifications shall be borne by the Contractor.
03	<p align="center">Annexure –III , Clause B REQUIREMENT</p> <p>CSL invites a detailed offer to carry out Electrical Outfit Structural Works which includes Installation of Electrical Cable Ways, Cable Coamings, MCTs and all Equipment Seats including structural works related to under water equipment like ICCP, Speed log and Echo sounder up to the entire satisfaction of CSL, Royal IHC, Owner, and Class Surveyors as per relevant clause of Technical Specification</p>	<p align="center">Annexure –III , Clause B REQUIREMENT</p> <p>CSL invites a detailed offer to carry out Electrical Outfit Structural Works which includes Installation of Electrical Cable Ways, Cable Coamings, MCTs and all Equipment Seats including structural works related to under water equipment like ICCP, Speed log and Echo sounder and Draft Sensors up to the entire satisfaction of CSL, Royal IHC, Owner, and Class Surveyors as per relevant clause of Technical Specification</p>
04	<p align="center">Annexure –III , Clause D SCOPE OF WORK-CONTRACTOR</p> <p>The work shall be carried out based on the contract specification, general arrangement drawing, CSL mentioned standards (refer Appendix-G), IHC standards (refer Appendix-F) and Design drawings. The scope of contractor involves Installation of Cable ways, flat bar, MCTs, coamings, electrical conduit pipes & Electrical Equipment Seats including structural works (refer Appendix-H&I) related to under water equipment's like ICCP, Echo Sounder and Speed Log of whole ship up to the entire satisfaction of CSL / IHC/Owner / Class surveyor, and up to the delivery of the vessel, which includes the following.</p>	<p align="center">Annexure –III , Clause D SCOPE OF WORK-CONTRACTOR</p> <p>The work shall be carried out based on the contract specification, general arrangement drawing, CSL mentioned standards (refer Appendix-G), IHC standards (refer Appendix-F) and Design drawings. The scope of contractor involves Installation of Cable ways, flat bar, MCTs, coamings, electrical conduit pipes & Electrical Equipment Seats including structural works (refer Appendix-H&I) related to under water equipment's like ICCP, Echo Sounder , Speed Log and Draft Sensors of whole ship up to the entire satisfaction of CSL / IHC/Owner / Class surveyor, and up to the delivery of the vessel, which includes the following.</p>
05	<p align="center">Annexure –III , Clause D SCOPE OF WORK-CONTRACTOR</p> <p>Clause -1 Hot works related to under water equipment's like ICCP, Speed Log, Echo Sounder is contractors' scope (refer Annexure-H&I). All required hot works for installation including Hull cutting, preparing bevel, complete/full penetration welding as applicable and fair out as per the tolerance given is to be carried out. Post welding contractor has to offer welding surveys, Non-Destructive tests like MPI/UT as per approved QAP. Welding of underwater equipment is to be carried out by WPS 249/250 qualified welders.</p>	<p align="center">Annexure –III , Clause D SCOPE OF WORK-CONTRACTOR</p> <p>Clause -1 Hot works related to under water equipment's like ICCP, Speed Log and Draft Sensors, Echo Sounder is contractors' scope (refer Annexure-H&I). All required hot works for installation including Hull cutting, preparing bevel, complete/full penetration welding as applicable and fair out as per the tolerance given is to be carried out. Post welding contractor has to offer welding surveys, Non-Destructive tests like MPI/UT as per approved QAP. Welding of underwater equipment is to be carried out by WPS 249/250 qualified welders.</p>

06	Annexure –V Price Bid Format	Annexure –V Revised Price Bid Format attached as indicated below
07	Tender Notice Brief details: Last date & time of receipt of Tenders: 02 nd August – 2024 at 15.00 Hrs IST	Tender Notice Brief details: Last date & time of receipt of Tenders: 06 th August – 2024 at 15.00 Hrs IST
08	Tender Notice Brief details: Date & time of opening of Part I (Techno – Commercial) Bid: 02 nd August – 2024 at 15.00 Hrs IST	Tender Notice Brief details: Date & time of opening of Part I (Techno – Commercial) Bid : 06 th August – 2024 at 15.00 Hrs IST
09	Clause 06 . (e) of Tender Notice The Bids shall be received at Cochin Shipyard Ltd on or before 15.00 Hrs on 02 nd August – 2024 and Part I Techno-Commercial Bid will be opened at 15.30 Hrs on the same day.	Clause 05 of Tender Notice The Bids shall be received at Cochin Shipyard Ltd on or before 15.00 Hrs on 06 th August – 2024 and Part I Techno-Commercial Bid will be opened at 15.30 Hrs on the same day.

4. Except the above, all other terms and conditions of the tender enquiry will remain unchanged.



For Deputy General Manager

Outsourcing Department





**Tender Enquiry Notice – Electrical Outfit Structural Works - Installation Of
Cable Ways & Equipment Seats Of Trailing Suction Hopper Dredger (TSHD- SH 037)**

Cochin Shipyard Ltd

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ANNEXURE-V

मूल्य बोली प्रारूप / PRICE BID FORMAT

**TENDER NO. SB-OSD/TSHD/887/2024 Dtd. 19-07-2024 &
CORRIGENDUM NO.1 DT. 01-08-2024**

**ELECTRICAL OUTFIT STRUCTURAL WORKS – INSTALLATION OF CABLE WAYS &
EQUIPMENT SEATS OF TRAILING SUCTION HOPPER DREDGER (TSHD –SH 037)**

Sl. No.	Particulars	Type	Approximate Quantity (Nos) / Vessel. (a)	Unit Price (INR) (b)	Total amount (c)=(a)*(b) in INR
1	Cable rack	LSH15/20/30	310		
2		LSH/40/50	251		
3		LSH/60	520		
4		LSR15/20/30	49		
5		LSR40/50	58		
6		LSR60	62		
7	Cable saddle- FB and SFG type	FB3-070/200/330H	3476		
8		FB5-070/200/330H	1826		
9		SFG3-070/200/330H	1500		
10		SFG5-070/200/330H	1000		
11	Penetration	Cable coamings Type (I)-EC-80B	42		
12		Cable coamings Type (II)-DC-2010,DC-2510	6		
13		Cable coamings Type (III)- DC-3510,DC-3010,DC-4515,DC-5015,DC-3015,DC-3020	15		
14		Cable coamings Type (IV)-DC-4510,,DC-4035,DC-3030,DC-4020,DC-3610	10		



Cochin Shipyard Ltd

Tender Enquiry Notice – Electrical Outfit Structural Works - Installation Of
Cable Ways & Equipment Seats Of Trailing Suction Hopper Dredger (TSHD- SH 037)

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Sl. No.	Particulars	Type	Approximate Quantity (Nos) / Vessel. (a)	Unit Price (INR) (b)	Total amount (c)=(a)*(b) in INR
15		Cable coamings Type (V)-DC-5510,DC-6510,DC-6020	8		
16		MCT Type (II) -S4X1,S2X1	42		
17		MCT Type (III)-S4X4,S4+4X1	8		
18		MCT Type (IV)-S6+6X1,S8X2,S8X1,S6X1,S8+8X1,S8X1,S8+8X3,S8+8X2,S6+6X3	97		
19		MCT box type for weather deck - (S2X1- 5) (S4X1-10)	15		
20	Gland With pipe	Gland with pipe All Types	180		
21	Goose neck	All types	15		
22	Electrical Equipment Seat		12000Kg		
23	Flat bar	Fabrication and installation of special type flatbars of length 50mmx4mmx6m	300m		
24		Fabrication and installation of special type flatbars of length 100mmx4mmx6m	100m		
25	Electrical Conduit Pipes	25NB	24m		
		32NB	276m		
		40NB	180m		
		50NB	24m		
		80NB	60m		
		100NB	36m		



**Tender Enquiry Notice – Electrical Outfit Structural Works - Installation Of
Cable Ways & Equipment Seats Of Trailing Suction Hopper Dredger (TSHD- SH 037)**

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Sl. No.	Particulars	Type	Approximate Quantity (Nos) / Vessel. (a)	Unit Price (INR) (b)	Total amount (c)=(a)*(b) in INR
26	Structural works related to underwater equipment - Speed Log, Echo Sounder, ICCP and Draft sensors		Lumpsum		
27	Equipment seats to be welded directly (20 Nos. approx 1640kg)		100m		
28	SUB TOTAL AMOUNT EXCLUDING GST (SUM OF SL No.1 to SL No.27)				
29	GST ----- % HSN Code :				
30	LANDED COST INCLUDING GST (SL No 28 + 29)				

Grand Total amount (in words) Rupees.....
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NOTE:

- Price basis: For Destination (at CSL).
- L1 will be determined based on Sub total Amount at Sl. No. 28 . (Sum of of Sl. No. 1 to 27) excluding GST.
- Total estimated quantity of items per vessel is indicated in the Price bid Format. Since ship's design modeling works are in progress, the quantity of items indicated is approximate only. Hence Downward or upward variation of quantity shall be anticipated. As the work being urgent, Tender will be processed with this quantity and evaluation of L1 will be done based on the above figure. After the completion of each stage of work, payment will be made as per as per WCC and Payment Terms and Conditions.
- GST as per the prevailing rate will be paid.



**Tender Enquiry Notice – Electrical Outfit Structural Works - Installation Of
Cable Ways & Equipment Seats Of Trailing Suction Hopper Dredger (TSHD- SH 037)**

- E. L1 declaration will be based on the price bid verification by CSL finance dept as per the calculation specified.
- F. The L1 bidder will be awarded Electrical Outfit Structural Works - Installation Of Cable Ways & Equipment Seats Of Trailing Suction Hopper Dredger (TSHD- SH 037)
- G. Work Performance shall be evaluated and rated based on Appendix A.
- H. Reworks up to +10% of total work order value shall be under contractor's scope.
- I. For re-works more than 10% due to amendment in CSL drawings 40% of that particular line item rate is applicable for removal & dry-survey and full installation rate (as per corresponding line item)is applicable for the re installation at new location.
- J. Unit rate quoted per Nos/Kg. should include labour charge, handling charge, Equipments, Tools & tackles, consumable charges and any other cost included for the satisfactory completion of all works as per drawings and scope of work mentioned at Annex-III.

Signature of Contractor/authorized signature
of firm or agency:
Name of contractor or authorized signatory
of firm/agency:
Designation:
Address:
Contact No: