



हुगली कोचीन शिपयार्ड लिमिटेड  
(भारत सरकार का उद्यम)  
**HOOGHLY COCHIN SHIPYARD LIMITED**  
(A Govt. of India Enterprise)



वसुधैव कुटुम्बकम्  
ONE EARTH • ONE FAMILY • ONE FUTURE

Tender No: HCSL/PUR/TEN/2025/006

Dated: 27.01.2025

### TENDER NOTICE

Competitive tenders are invited on behalf of Hooghly Cochin Shipyard Limited (HCSL) from experienced vendors for the under mentioned work, so as to reach the undersigned on or before the date and time mentioned below. Please refer Scope of Work, General Terms and Conditions and Special Terms attached

Tender No. & date	HCSL/PUR/TEN/2025/006 Dated: 27.01.2025
Scope of work	Procurement of Cable Trays for 40T BP ASD Tugs at Hooghly Cochin Shipyard Limited, Nazirgunge Unit, Howrah (Detailed specification is enclosed separately).
Type of Tender	Two Bid (Email Tender)
Earnest Money Deposit	<b>Rs. 28,000/- (Rupees Twenty-Eight Thousand only)</b>
Last date & time of receipt of tender	06.02.2025 at 15:00 Hrs.
Date & time of opening of technical bid	06.02.2025 at 15:30 Hrs.
Tenure of contract	<b>45 days from the date of PO/LOI.</b>
Officer - in - Charge	<p>Name: Saikat Kumar Biswas Designation: Deputy Manager (Materials) Email: saikat.biswas@hooghlycsl.com Phone No: 8250792208</p> <p>Name: Sreerag .G Designation: Manager (Materials) Email: sreerag.g@hooghlycsl.com Phone No: 9482608957</p>

**Tender to be submitted by Email only. Tender reference should be clearly indicated on the subject of the Mail.**

Tenders should be submitted in two separate files as **PART-I "TECHNO-COMMERCIAL" & PART-II "PRICE" (Password Protected)** indicating the tender number, due date of the tender in the Mail and addressed to The Assistant General Manager (Planning & Procurement), Hooghly Cochin Shipyard Limited, Nazirgunge Unit, Howrah.

For Hooghly Cochin Shipyard Limited



Signature and Seal of the Bidder(s)



Registered Office: Administrative Building, HCSL Premises, Satyen Bose Road,  
P.O. Danesh Shaikh Lane, Nazirgunge, Howrah, West Bengal - 711 109.  
☎ +91 (33)-2688 8282 ✉ contact@hooghlycsl.com 🌐 www.hooghlycsl.com

Shipyard: Nazirgunge Unit, Satyen Bose Road, P.O. Danesh SK Lane,  
P.S. Sankrail, Howrah, West Bengal - 711109  
☎ +91 (33)-2955 8283

CIN : U35900WB2017GOI223197, GSTIN : 19AAECH3640L1ZD



**Tender administration:** Tender procedure/administration/evaluation including correspondences and awarding of contract will be done by M/s. Hooghly Cochin Shipyard Limited, Howrah, West Bengal.

Officer - in - Charge for the above work:

Name: Saikat Kumar Biswas  
Designation: Deputy Manager (Materials)  
Email: saikat.biswas@hooghlycsl.com  
Phone No: +91 8250792208

Name: Sreerag .G  
Designation: Manager (Materials)  
Email: sreerag.g@hooghlycsl.com  
Phone No: +91 9482608957

**For any technical queries:**

For technical query(Please contact the below person)

Name: :Vijay Singh  
Designation: : Manager (Sub Contract & Commercial)  
Email :vijay.singh@hooghlycsl.com  
Phone No: : +91 8687069271

**For Hooghly Cochin Shipyard Limited**

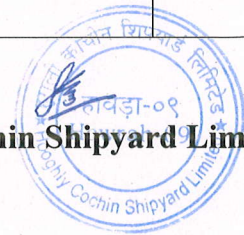


\*\*\*

## TABLE OF CONTENTS

Sl. No.	Description	Annexure
1.	Pre-Qualification Criteria.	-
2.	Scope Of Work And Technical Specification	1 (Attached Separately)
3.	Price Bid Format	2
4.	General Terms & Conditions	3
5.	Restriction On Procurement From Countries Sharing Land Border With India	4
6.	Purchase Preference For Make In India (MII)	5
7.	Make In India Certificate	6
8.	Special Instruction To Bidder	7
9.	Techno-Commercial Check List	8
10.	Vendor Details	9
11.	NEFT Mandate Form	10
12.	List Of Deviations	11
13.	Bank Guarantee Format Towards EMD	12
14.	Bank Guarantee Format Towards SD	13
15.	Self-Declaration By Bidder	14
16.	Declaration Of Pending Legal Cases	15

**For Hooghly Cochin Shipyard Limited**



Signature and Seal of the Bidder(s)



## **PRE-QUALIFICATION CRITERIA**

**Minimum qualification criteria for participating in the tender will be as follows:**

i. Successful experience as material supplier in the successful completion of similar material supply of nature and complexity comparable to the proposed material within the last 5 years, ending last day of month previous to one in which applications are invited.(Copy of PO along with the delivery challan/Invoice is required to be submitted).

### **Similar Supply means:**

Supply of Cable Trays for State/Central Govt., Shipyards or MNCs within the last 5 years, ending last day of month previous to one in which applications are invited

- i. Audited Balance sheets showing turnover, Profit & Loss account of the firm for the preceding 03 years (2021-22, 2022-23,2023-24) should be submitted along with the application for prequalification.
- ii. The Tenderer should enclose copy of MSME Certificate in relevant field (if applicable), PAN, GST registration certificate, Income tax returns for last three FY (2021-22, 2022-23,2023-24).
- iii. Offers from joint ventures/consortium will not be accepted.
- iv. Net worth of the bidder must be positive as per the latest balance sheet. (MSME/NSIC will get exemptions)





**SCOPE OF WORK AND TECHNICAL SPECIFICATION  
(Attached separately)**

- i) Purchase Technical Specifications for Cable Trays (Total No. of Pages: 04)
- ii) Annexure-1 to PTS (Total No. of Pages: 06)



**PRICE BID FORMAT**

Tender Enquiry No: HCSL/PUR/TEN/2025/006 Dated: 27.01.2025

Sl. No.	Description	Size (in mm)	Type	Qty per vessel	Total Qty for 04 nos. of vessel	UOM	Unit Rate (Rs.)	Total Amount without GST (Rs.)
					(A)		(B)	[C=AxB]
1.	Z TYPE CABLE LADDER GALVANISED	1591(L) x 400(W)	ZSC-40	90	360	Nos.		
2.		1591(L) x 200(W)	ZSC-20	50	200	Nos.		
3.		1591(L) x 100(W)	ZSC-10	15	60	Nos.		
4.	Total amount without GST (Sl. No. 1 to 3) for 04 Shipsets							
5.	HSN Code							
6.	Total GST Amount							
7.	Total Amount including GST for 04 Shipsets							
8.	Total Amount including GST for 04 Nos. of Shipsets- In Words							



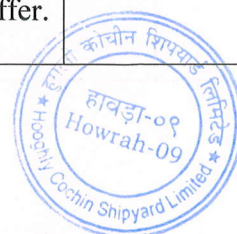
**Note:**

1. Rate should be quoted in INR only.
2. Bidder has to submit the price bid as mentioned in the format only, otherwise bid will be rejected.
3. Quotation for all line items is mandatory. Partially quoting for few line items shall result in rejection of the bid.
4. Bidder should quote in consideration with all the clauses of Annexure-1 (Purchase technical specification for Cable Trays).
5. Supply shall be made on FOR HCSL storers basis, freight charge, if any, also should be included in Unit Rate and not to be mentioned as a separate line item.
6. L1 bidder will be evaluated based on the total cost of all the items excluding GST.
7. Un-priced price bid format (which is an exact replica of the Price bid except that Price is blanked) as per **Annexure-2** to be submitted along with techno-commercial bid with details like percentage of taxes & duties applicable and stating **"Quoted"** or **"Not Quoted"** or **"Not Applicable"** to be mentioned for each line item.

**Seal & Sign. of the Bidder**

## General Terms &amp; Conditions

Sl. No.	Description	Compliance by Supplier (YES/NO) In case of non compliance, please provide remarks.
1.	Bidders are required to carefully go through the terms and conditions and the technical specification of the items for which offers are called for. Tenderers have to adhere to above and supply full technical scope of items along with compliance of commercial conditions. HCSL have full right upon deviations, if any, including rejecting the partial scope/ complied offers.	
2.	Offers are to be furnished in duplicate and should be free from overwriting. Corrections and additions, if any, must be attested. The offers shall be submitted only through email. Incomplete/ambiguous/conditional offers are likely to be rejected.	
3.	Technical checklist, if applicable and general terms & conditions of enquiry duly filled and signed and technical specifications of items offered (refer clause5), should be submitted alongwith part-1 techno-commercial bid in the case of two-bid tenders. Non receipt of the document may lead to rejection of offers. In the case of E tender filling up of GTC check list in the portal itself is sufficient.	
4.	Bidders can contact Officer-in-charge of the work which is indicated in the Tender Notice for any clarification before submitting the offer. If clarifications/details are not obtained before the offer is submitted, no claim on this account will be admitted.	
5.	Spare/Tool requirements to be confirmed, if applicable i) Installation and commissioning spares, Manufacturer's standard recommended consumable spares, special jigs and tools for maintenance of the machinery/equipment and Classification society required Spares are to be included in Scope and costs. ii) The same shall be included in offered costs and shall be a part of L1 evaluation. List of Spares to be submitted along with the offer. <b>[Refer: Purchase Technical Specification at Annexure-1]</b>	
6.	Please note that the Class test and approval charges, if any are to be included in the equipment pricing.	
7.	<b><u>SPECIFICATIONS: -</u></b> a) Manufacturer's name, their trade mark and brand, if any, should invariably be mentioned and illustrative leaflets giving technical particulars (technical details of items offered including technical literature) etc., should be attached to the offer. Spare/Tool required as per PTS to be included in scope along with cost .	



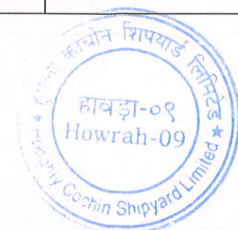


	b) Materials offered shall be new and unused and conform to HCSL specifications and drawings.		
	c) Samples are to be supplied free of cost in the event of requirement by HCSL. The detailed working drawing, if called for, is also to be furnished for approval before commencement of manufacture. <b>[Refer: Purchase Technical Specification at Annexure-1]</b>		
8.	Packing materials should be eco friendly.		
9.	Supplier should follow the statutory requirements of product offered. <b>[Refer: Purchase Technical Specification at Annexure-1]</b>		
10.	Products supplied shall be non toxic and harmless to health. In case of toxic materials, Materials Safety Data Sheet may be furnished along with the material.		
11.	<b>COMMISSIONING:</b> -Scope and cost of offer also to include availability of competent service engineer as required by HCSL for commissioning / test and for official trials		
	b) Cost considered to include travel tickets, lodging, boarding and local transport costs.		
12.	For Foreign vendor	d) Applicable taxes in India shall be borne by the Supplier (As per Income tax act, 1961 for Indian suppliers and Income Tax Act, 1961 and DTAA agreements in the case of foreign vendors).	
		e) Income tax liability of non resident service engineer based on his period of stay in India shall not be borne by HCSL	
		f). The non resident vendor/service provider shall provide such documents that are necessitated by the Indian income tax laws so as to enable HCSL to comply with the provisions of Indian statute and for payments of income tax in India. Following documents shall be sought by HCSL in this regard (i) Certificate under 10 (F) (ii) Tax residency certificate (iii) The certification regarding the existence/non existence of business connection or permanent establishment in India. (The above is only an indicative list)	
13.	Taxes and duties, if any, payable extra are to be indicated in the techno commercial part and price part.		
14.	For indigenous vendor	<b><u>MSEs, Startups and Make in India</u></b> a) Local Suppliers (Make In India), MSME firms and Startups will be eligible for various Relaxations in pre-qualification criteria and other Benefits as per the orders promulgated by Government of India. Bidders are advised to refer the details of various Benefits and Relaxation in pre-qualification criteria as published at HCSL website (www.hooghlycsl.com/www.cochinshipyard.in) under the Tenders tab for further reference.	



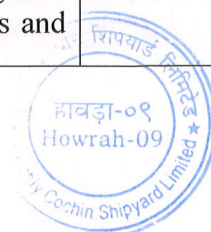


15.	<b>Delivery: Within 45 days from the date of PO/LOI</b>		
16.	HCSL, may increase or decrease the quantity or may change in scope of work at its own discretion.		
17.	<b><u>PAYMENT TERMS (applicable per shipset):</u></b> HCSL payment term is 100% on receipt and acceptance of materials at HCSL stores after inspection.		
	Payment shall be made within 45 days after submission of certified invoice by HCSL Officer-in Charge.		
	c) Payment mode shall be Electronic Clearing System (ECS)/cheque /NEFT/ /LC/CAD/TT-as mutually agreed in line with above standard payment terms. Variations from standard terms, if any, shall be appropriately loaded for tender comparison purposes for arriving the lowest bid.		
	For <del>Foreign</del> vendor	<del>Bank charges (including LC charges, if any) inside India will be to HCSL account and outside India to supplier's account (In the case of import shipments). The charges for LC amendment, if any, shall be borne by the parties by whom the same is attributed/ necessitated.</del>	
	d) Supplied material to be verified defect free, and to be accepted.		
	e) Part payment shall be considered only if specifically agreed against partial supplies.		
18.	<b><u>Earnest Money Deposit (EMD):</u></b>  (a )Rs 28,000/- to be submitted through Demand Draft / Bank Guarantee as per HCSL standard format drawn in favour of 'Hooghly Cochin Shipyard Ltd.' payable at Kolkata and shall be valid for a period of 6 (Six) months from the due date of opening of Techno-commercial Bids from any Nationalized/ Scheduled Bank or paid online through e-gateway of –  <div style="text-align: center;"><b>STATE BANK OF INDIA COCHIN SHIPYARD BRANCH ACCOUNT NO: 37354232301 IFSC CODE: SBIN0003229.</b></div> Copy of EMD shall be submitted along with Part I Techno-Commercial Bid and EMD shall be delivered to Tender inviting authority.  Tenders received without EMD will not be considered at all for further evaluation.		
	(b) Firms having valid HCSL registration for similar works with a financial limit equal to or more than the cost of the work are exempted from payment of EMD. All such firms who intend to avail EMD exemption shall invariably enclose a copy of their valid HCSL registration certificate along with Techno-Commercial bid.		





	(c) No pending bill adjustments towards EMD amount are permitted.	
	(d) The EMD amounts of unsuccessful bidders will be returned after finalization of the order. EMD amount of successful bidder will be released after submission of PBG. Firms having valid SSI/NSIC/MSME registration are exempted from payment of EMD. All such firms shall invariably enclose copy of valid SSI/NSIC/MSME registration certificate to claim EMD exemption.	
	<b>Forfeiture of EMD:</b> The EMD shall be forfeited by bidder in the following events. (a) If Bid is withdrawn during the validity period of any extension thereof duly agreed by the Bidder. (b) If Bid is varied or modified in a manner not acceptable to HCSL during the validity period or any extension of the validity duly agreed by the Bidder. (c) If it is established that bidder has submitted forged documents / certificates / information towards fulfillment of any of the tender / contract conditions.	
19.	<b><u>Security Deposit/ Warrantee Bank Guarantee:</u></b>  a.i The successful bidder shall remit a security deposit of 3% of the total order value (excluding taxes, duties) in the form of demand draft drawn in favor of "Hooghly Cochin Shipyard Ltd" towards the satisfactory performance of the contract, if an order is placed on them. Alternatively, a Bank Guarantee equivalent to above % of the total order value (excluding taxes, duties) as per HCSL format from an International Bank as per approved list of banks available in CSL website (for overseas supplier) & Scheduled Indian bank for Indian supplier is to be submitted, if an order is placed towards satisfactory performance of the contract.  a.ii) The supplier shall also agree for 3% of total order value (excluding taxes and duties) as Bank guarantee towards the Guarantee clause.  a.iii) The Bank Guarantee /DD as above should be initially valid till 90 days after completion of supplies in terms of SD and later revalidated (within the validity of initial BG) to cover the guarantee period mutually agreed plus 90 days.  Fixed Deposit Receipt (for equivalent amount of Security Deposit/WBG required as per tender) in lieu of bank guarantee is also acceptable. Fixed Deposit Receipt shall be in the name of supplier with lien marked in favour of Hooghly Cochin Shipyard Limited, Howrah.  <b>The above SD/WBG is required or applicable only when the total order value (excluding taxes and duties) is Rs.20lakhs and above.</b>	
	b) If the bidder is not agreeable to submission of SD/ warantee bank guarantee as per HCSL general terms and conditions of enquiry, HCSL reserves the right to reject the offer at our discretion or 3% of total order value (excluding taxes and	



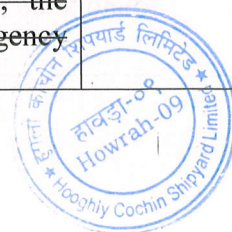


	duties) will be added to the quoted price for tender comparison/ evaluation purpose on case to case basis for arriving the lowest bid.	
	c) SD to be submitted within 2 weeks of receipt of order from yard.	
	d) Format of bank guarantee along with enquiry to be agreed.	
For Foreign vendor	f) Mode of receipt of bank guarantee is strictly through SWIFT mode from supplier bank to HCSL designated bank (for overseas bidders)	
20.	<p><b><u>Risk Purchase:</u></b> If the supplier fails to supply the items ordered in good quality as per contract specification and fails to deliver within the delivery date or violate any of the terms and conditions of the purchase order, HCSL shall have the following rights.</p> <p>a. To cancel the order partially or full with 15 days' notice and to forfeit the security deposit, if any.</p> <p>b. To impose tender holiday for the vendor for an appropriate period as decided by HCSL.</p> <p>c. To initiate alternate procurement action at the risk and cost of the supplier. This Risk Purchase clause is applicable only in the case of total order/ contract value (excluding taxes and duties) is Rs.20 lakhs and above (or equivalent foreign currency). Cases of value less than 20 lakhs will be addressed by serving appropriate caution/ warning notice to the firm.</p>	
21.	<p><b><u>Liquidated Damage:</u></b> In case of delay in supply of ordered materials beyond the stipulated delivery period, which is not attributable to HCSL, supplier is to pay Liquidated Damages (and not by way of penalty) a sum equivalent to ½% (half percent) per week or part of the week of the total basic price of the undelivered items, subject to a maximum of 10% of the total basic price of the undelivered materials/supply (Total basic price is the order value excluding freight, taxes, other charges etc.). However, LD applicability is without prejudice to HCSL right to terminate contract for delayed delivery or other actions as per clause above.</p>	
	For indigenous vendors	GST will be applicable upon LD and the same also will be deducted along with LD.
22.	<p><b><u>Guarantee</u></b> a) The Items supplied shall be guaranteed for rated performance and against damage or failure due to faulty design, defective materials and bad workmanship for a period from delivery of items until 12 months from the date of delivery of the ship to Owners OR 24 months from delivery of items to Yard, whichever is earlier. Should such damage/failure occurs within the Guarantee period, the Supplier should immediately rectify the failure by repair/replacement of any such part found to be under performing/ defective, at his own expenses.</p>	



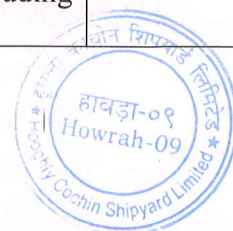


		b) Further to equipment guarantee, replaced/repared items shall be guaranteed for 12 months from date of repair/replacement.	
23.		<b><u>Jurisdiction:</u></b> All questions, disputes or difference arising under, out of, or in connection with contracts shall be subject to the exclusive jurisdiction of the Courts at Kolkata, West Bengal, India. Alternate dispute resolution mechanism can also be considered.	
24.		<b><u>Arbitration:</u></b> (a) Any disputes arising during the period of the contract shall, in the first instance be settled by mutual discussions and negotiations. (b) If any dispute, disagreement or question arising out of or relating to or in consequence of the contract, or to its fulfillment, or the validity of enforcement thereof, cannot be settled mutually or the settlement of which is not herein specifically provided for, then the dispute shall within thirty days from the date either party informs the other in writing that such disputes, disagreement exists, be referred to arbitration. The arbitrators shall be appointed and the arbitration proceedings shall be conducted in accordance with and subject to the Arbitration and Conciliation Act, 1996 (No. 26 of 1996) as amended from time to time and the decision of the Arbitrators shall be final and binding on the parties hereto. The arbitration will be done by a Board comprising one arbitrators nominated by each party, and a mutually agreed Umpire. Each party shall bear its own cost of preparing and presenting its case. The cost of arbitration shall be shared equally by the parties unless the award provides otherwise. Performance under this Contract shall however, continue during arbitration proceedings and no payment due or payable by the parties hereto shall be withheld unless any such payment is or forms a part of the subject matter of arbitration proceedings. (c) Seat & Venue of Arbitration: The seat & venue of arbitration shall be at Kolkata. (d) Language of Arbitration: The Language of arbitration shall be English. Governing Law: The contract shall be governed by Indian Law. (e) In case of disputes, the same will be subjected to the jurisdiction of courts at Kolkata, West Bengal.	
25.		<b><u>Force Majeure condition:</u></b> Should failure in performance of the contract or part thereof arise from war insurrection, restraint imposed by Government, Act of Legislature or other Statutory Authority or illegal strike, riot, legal lock-out, flood, fire, explosion, act of God or any inevitable or unforeseen event beyond human control which may be construed as reasonable ground for an extension of time, HCSL may allow such additional time as is mutually agreed, to be justified by the circumstances of the case. The occurrence/cessation of force majeure situation is to be informed with documentary evidence within 15 days from the date of occurrence/ cessation.	
26.	For <del>Foreign</del> vendor	<b><u>Indian Agent:</u></b> <del>a) Hooghly Cochin Shipyard Ltd, prefers to deal directly with the supplier. However, if the supplier appoints an Indian Agent to deal with Hooghly Cochin Shipyard Ltd., the Agency commission payable by the supplier to such an agency shall be intimated.</del>	



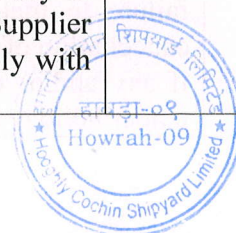


		<p>b) If manufacturers effect the supply through Agents only, authorization in writing from manufacturers in favour of the Agent for supply to HCSL shall be furnished.</p> <p>c) In case where an Agent participates a tender on behalf of a Foreign manufacturer Indian agent should submit specific authorization from the authorized person of foreign manufacturer.</p> <p>d) In a tender, either the Indian agent on behalf of the Principal/ OEM or Principal/OEM itself can bid but both cannot bid simultaneously for the same item/ product in the same tender. If an agent submits bid on behalf of principal/OEM, the same agent shall not submit a bid on behalf of another principal/OEM in the same tender for the same item/product. Indian agents cannot represent more than one firm or quote on their behalf for any particular tender.</p>	
		e) Clarifications, either technical or commercial, should be submitted to points specially asked for only. The opportunity so given should not be used for correcting/changing/amending the data/conditions already submitted with the tender	
27.	<b>PRICING:</b> Bidders should quote prices for delivery of materials FOR HCSL stores.		
	For indigenous vendors	<p>b. Bidders should quote prices for delivery of materials FOR HCSL stores.</p> <p><b>Address:</b> Hooghly Cochin Shipyard Ltd (HCSL), Satyen Bose Road, Danesh Sk. Lane (PO), Nazirgunge, Howrah, West Bengal, PIN -711109.</p> <p>c. Indigenous Firms shall quote in INR only. Exchange rate variation will not be applicable and the prices shall be fixed for an order within validity period in the case of indigenous orders.</p> <p>d. Bidders may also quote on High Sea Sales basis, and necessary clearance of items will be done by HCSL after execution of HSS agreement.</p>	
	e. <b>Validity:</b> Prices should be valid for acceptance for a period of <b>four</b> months from the date of tender opening.		
	f. Inspection charges, if any required, shall also be separately included in the quote.		
	g. No enhancement of rate for whatsoever cause will be allowed once the offer is accepted and an order is placed. Withdrawal of the quotation after it is accepted or failure to make the supply within the stipulated delivery period, will entail cancellation of the order and forfeiture of Earnest Money Deposit/Security deposit, if any and/or risk purchase, without prejudice to other penal actions, including tender holiday after serving show cause notices, as deemed fit.		





	h. Conditional discounts, if any, will not be reckoned for tender evaluation/ comparison purpose. However, if the bidder becomes L1 at original offer, conditional discount shall also be considered.	
	i. Unpriced bid (price bid without price) duly signed is to be submitted alongwith techno-commercial offer in the price format, provided. Price should be quoted separately for each item shown in the format. In the event price bid is different from the unpriced format already submitted, yard reserves the right to reject the offer at our discretion without any further discussions. Details of optional items, if any, should be indicated under separate heading in the Techno commercial bid and the respective price details should also be given in the price bid. Combining of figures against more than one item and ambiguous clauses will lead to rejection of the bid.	
	j. If, in the price structure quoted for the required material/ item, there is discrepancy between the unit price and the total price (which is obtained by multiplying the unit price by the quantity), the unit price shall prevail and the total price corrected accordingly. If there is an error in a total corresponding to the addition or subtraction of subtotals, the subtotals shall prevail and the total shall be corrected. If there is a discrepancy between words and figures, amount in words of respective figures shall prevail. If the bidder does not agree to the observation of the HCSL, the tender is liable to be rejected and the same shall be intimated.	
	k. After submission of quotation/price offer no unsolicited correspondence will be entertained.	
	l. Hooghly Cochin Shipyard Limited does not bind itself to accept the lowest or any tender but reserves to itself the right to reject any or all or a part of any tender at its discretion.	
28.	<b>L1 computation shall be based on total landed cost of all items on FOR HCSL store basis, including all as per scope of the tender (excluding GST/IGST).</b>	
29.	<p><b><u>Integrity Pact:</u></b></p> <p>(a) As per Government of India (Central Vigilance Department), CSL and the SUPPLIER have to sign an Integrity Pact for the high value contracts, for ensuring transparency, equity and competitiveness in public procurement. The Tenderer has to sign Pre-Contract Integrity Pact as per format enclosed and to submit along with your offer.</p> <p>The above is applicable when the total basic price is above Rs. 100.0 lakhs. (present limit)</p> <p>(b) For offers less than the threshold value of Rs.100 Lakhs, Code of Integrity in Public Procurement (CIPP) and Code of Conduct for suppliers is to be signed and submitted along with the offer</p>	
30.	<p><b><u>SUB CONTRACTING AND ASSIGNMENT:</u></b></p> <p>Supplier shall not contract with any subcontractor and/or vendor without the prior written consent of HCSL. Such consent shall not relieve the Supplier from any of his responsibilities and liabilities under the Purchase Order. In addition, Supplier shall ensure that the terms and conditions of any such contract shall comply with and correspond to the terms and conditions of the Purchase Order.</p>	





31.	<p><b>General:</b> a. Prior to price bid opening, HCSL is at liberty to take the credit rating of bidders at our cost on case to case basis, and to include the same during the evaluation of the tender.</p> <p>b. Deviations, if any in the techno-commercial offer from that of the tender enquiry in any form should be clearly furnished in a separate document titled as "List of Deviations", failing which it will be presumed that all the terms and conditions are acceptable.</p> <p>c. The techno-commercial part alone will be opened initially on the due date of tender. The price part will be opened only after evaluation of the Techno commercial part. Date of opening of the price part will be intimated to those firms whose Techno- commercial bids would be acceptable after the evaluation.</p> <p>Suppliers shall not depute their representative to HCSL.</p>	
32.	<p><b>Purchase Order:-</b> a. In the event supplier's offer leads to an agreement to effect supplies, a formal purchase order shall be issued by HCSL on the basis of agreed terms and conditions of tender.</p> <p>b. Upon placement of order (by post or mail) the supplier shall submit the acknowledgement (ie: signed and stamped original/ scanned soft copy by mail) as a token of acceptance of order within 15 days from receipt of Purchase Order. In case order acknowledgement is not received within 15 days, it will be deemed as accepted.</p>	
33.	<p><b>SUPPLY: -</b></p> <p>a) HCSL reserve the right to inspect the goods after receipt at HCSL store / prior to dispatch (by HCSL or HCSL authorized agency at yard cost). Short supply / Mismatch / Replacement of Defective items / those not meeting agreed / contractual specification/ Items failing during commissioning shall be sent on air freight/ DDP basis courier freight prepaid/delivered at HCSL store.</p> <p>The customs clearance charges of above (If any) shall be to supplier account.</p> <p>b) In case HCSL deputs its personnel / Third Party Inspectors to inspect items in the supplier premises prior dispatch, in such cases supplier shall provide all necessary facilities for inspection, testing and performance checks at his works on case to case to basis. The accepted items samples shall be identified with stamps/ permanent marks and reference of the same shall be given in the inspection report. Location of stamping shall be mentioned in the inspection report.</p> <p>c) Replacements during guarantee period to be sent on Duty and all taxes paid basis to location as required by yard/vessel owner with all expenses to supplier account.</p>	



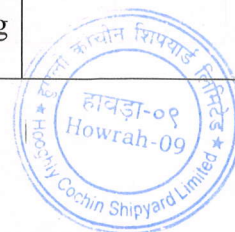


	<p>d) Defective items, if any, after receipt shall be sent back on cost, carriage, handling and insurance prepaid basis including re-export (wherever desired by supplier) to be arranged by supplier. Defective items shall be returned after receipt of replacement item. Supplier, shall replace all/ part of items as applicable, in case of rejection, within 4 weeks of reporting the defect, without any additional cost to HCSL. In case the defective materials are not taken back within the said period, HCSL reserves the right to dispose the same without further intimation.</p>	
	<p>(e) The supplier shall compensate HCSL for loss on account of shortage in quantity and number of pieces received than that indicated in the bill of lading provided the HCSL's claim is rejected by the insurance due to any fault of supplier. Such claims, if any, shall be supported by recognized surveyors report. The supplier shall also compensate for losses, if any sustained by the HCSL due to defective packing and/or marking of the goods not in accordance with the terms of contract. The time limits for filing claims under clauses above shall be generally 180 days from the date of complete discharge of goods.</p>	
34.	<p>HCSL reserves the right to alter, modify the scope of supply at its discretion and in consistent with the policy of the Government of India and statutory bodies under them as applicable to the contract from time to time.</p> <p>The quantities in each item to be purchased may vary according to actual requirement at the time of placing orders as per extant regulations.</p>	
35.	<p>HCSL reserves the right to commercially reject the offer if compliance is not issued to General Terms and Condition without any further clarification / notice / communication in this regard from M/s. Hooghly Cochin Shipyard Ltd., even though the offer is technically acceptable.</p>	
36.	<p><b><u>Termination Clause:</u></b></p> <p>(a) This purchase order may be terminated upon the occurrence of any of the following events</p> <ul style="list-style-type: none"> <li>(i) By agreement in writing of the parties hereto;</li> <li>(ii) By the non-defaulting party, upon default by the other party, of any clause of this contract, if not remedied within thirty (30) days, or such longer time as may be agreed upon by the parties, after receipt of notice thereof in writing from the non-defaulting party;</li> <li>(iii) By the other party, upon either parties; <ul style="list-style-type: none"> <li>• Making the assignment for the benefit of creditors, being adjudged bankrupt or becoming insolvent; or</li> <li>• Having a reasonable petition filed seeking its "dissolution or liquidation, not stayed or dismissed within sixty (60) days; or</li> <li>• Ceasing to do business for any reason.</li> </ul> </li> <li>(iv) In cases where maximum limit of LD is reached and still the items are not delivered.</li> <li>(v) For fraud and corruption or other unacceptable practices.</li> </ul> <p>(b) Upon expiry or termination of this Contract, neither party shall be discharged from any antecedent obligations or liabilities to the other party under this Contract unless otherwise agreed in writing.</p>	



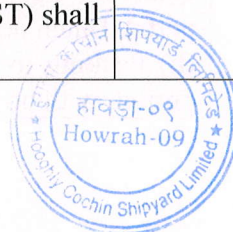


	<p>(c) HCSL may by notice in writing to supplier terminate the order after issuing due notice i.e. 15 days notice period. HCSL shall be entitled to compensation for the loss limited to the order value.</p> <p>(d) Liability maximum that can be claimed by the supplier shall be limited to what is due to be and has been paid by HCSL for the material delivered/work done as per the payment milestones</p>	
37.	<p><b><u>Limitations of Liability:</u></b></p> <p>Neither party shall be liable to the other party for any indirect and consequential damages. Neither party shall be liable to the other party for any loss of profits or loss of production</p>	
38.	<p><b><u>Indemnity clause:</u></b></p> <p>Supplier will indemnify HCSL and its affiliates, directors, officers, and employees against all liabilities, damages, losses, costs, fees (including legal fees), and expenses relating to any allegation or third-party legal proceeding (including action by a government authority) to the extent arising from an allegation that use, possession, or sale of the products or services violates or infringes a third party's rights, including intellectual property rights; or an allegation that any personnel are entitled to employee compensation, benefits, or other rights or transfer law rights, except to the extent caused by HCSL's unlawful acts or omissions.</p>	
39.	<p><b><u>Malicious Code:</u></b></p> <p>The Bidder will be overall responsible for all cyber/information security related aspects pertaining to the Systems Projects &amp; ICT goods and services and will be the single point of contact for addressing all Cyber/information security related issues for the goods and services supplied by the Bidder as part of the contract. It will be responsibility of the Bidder to enter into such agreements/contracts with the OEMs as may be necessary to ensure that all cyber/information security aspects are addressed holistically and comprehensively. The Bidder will provide list of tests conducted by OEM or an accredited certification agency along with list of such test reports for the Systems Projects &amp; ICT goods and services provided as part of contract.</p>	
40.	<p><b><u>Packaging:</u></b></p> <p>(a) Material to be wrapped with protective covers like VCI/ Environmental friendly Polythene (as per Govt. of India guidelines)/ Tarpauline.</p> <p>(b) To the extent possible, material needs to be packed in standard pallet/ box size of 1 X 1 meter.</p> <p>(c) If multiple components needed to be accommodated in the boxes, separator to be provided inside.</p> <p>(d) Packaging should withstand at least 2 Years life without degradation</p> <p>(e) Material should be with proper preservation for the prevention of rust, Transit damage etc.</p> <p>(f) Boxes should be accessible with forklift, Stacker &amp; Hydraulic Trolley.</p> <p>(g) Proper Identification details should be provided on each box. The below details are required as minimum: Purchase Order Number, Material code, Description, Quantity, Supplier details, Tag Numbers &amp; Serial number list (for applicable parts), Batch details, Shelf life.</p> <p>(h) Packing to be done in such a way to enable adequate preservation for long period, with no transit damage, easy to identify and count.</p>	





		<p>(i) Asbestos should not be part of any material / packing material supplied to HCSL.</p> <p>(j) Transporter's Vehicles are to have all statutory documentation including valid PUC certificate.</p>	
41.	For indigenous vendors	<p><b><u>Goods &amp; Service Tax:</u></b></p> <p>(a) Please note the HCSL GST registered number as 19AAECH3640L1ZD. GST registration is prerequisite for entering into the business with HCSL. Your firms GST registration shall be indicated. Offers received from GST unregistered suppliers / service providers are liable for rejection.</p> <p>(b) Indicate the applicable rate of GST for services in line with GOI published rate scheduled for services along with SAC.</p> <p>(c) Tax inclusive invoices from the registered service providers are not acceptable. Any corrections / rectifications in the invoice shall be made good through Debit note / Credit note.</p> <p>(d) Bidders are advised to check applicable GST on their own before quoting. Buyer will not take any responsibility in this regards. GST reimbursement will be as per actuals or as per applicable rates (whichever is lower), subject to the maximum of quoted GST %.</p>	
42.	For indigenous vendors	<p><b><u>Input Tax Credit:</u></b></p> <p>(a) Bidders shall ensure timely delivery of services and submit the tax invoices to HCSL as per the GST law. In case, GST input tax credit is delayed / denied to HCSL due to non / delayed receipt of services and / or tax invoice or expiry of timeline prescribed in GST law for availing such ITC, or owing to the bidder not paying the taxes to the Government within prescribed time as per the law or any other reasons not attributable to HCSL and solely attributable to the bidder, the GST amount charged to HCSL, shall be recoverable from the bidder along with interest levied / liveable and any other penalties on HCSL and the vendor shall indemnify against all costs to HCSL, and consequences therefrom.</p> <p>(b) In case bidder delays declaring particulars in respect of any invoice in the GST return required to be filed by such bidder, and GST credit availed by HCSL is denied or reversed subsequently as per GST law, GST amount paid by HCSL towards such ITC reversal as per GST law shall be recoverable from vendor / bidder along with interest levied / leviable on HCSL and any other penalties on HCSL and the bidder shall hold HCSL indemnified against all cost and consequences there form.</p> <p>(c) Bidders shall submit the invoices as per the provisions of GST law. The bidders invoice shall contain the HSN code / SAC and GSTIN number of the bidder and HCSL as well along with other particulars. The GST charged (IGST / CGST + SGST / UTGST) shall be clearly indicated in the invoice.</p>	



		<p>(d) In case any credit, refund or other benefit is denied or delayed to HCSL due to any non-compliance of GST legislation such as failure to pay GST to the government (includes late filing of GST return) or due to non-furnishing or furnishing of incorrect or incomplete documents/ information by the bidder or service provider, the bidder or service provider would reimburse the loss to HCSL or HCSL may recover the same, but not limited to, the tax loss, interest and penalty. The Bidders should submit the copy of Latest GST Return filed statement/ form in GSTR-3B</p>	
--	--	---	--

**Specify Yes / No**





**Restriction on Procurement from Countries Sharing Land Border with India**

(a) Any bidder from a country which shares a land border with India will be eligible to bid only if the bidder is registered with the Competent Authority, specified below.

(b) A bidder is permitted to procure raw material, components, sub-assemblies etc, from vendors from countries sharing land border with India. Such vendors will not be required to be registered with competent authority.

(c) However, in case the bidder has proposed to supply finished product from vendors from countries sharing land border with India, such vendors will be required to be registered with competent authority

**(d) Definitions**

(i) "Bidder" for the purpose of the Order (including the term "tenderer", "consultant", "vendor" or "service provider" in certain contexts) means any person or firm or company, including any member of a consortium or joint venture (that is an association of several persons, or firms or companies), every artificial juridical person not falling in any of the descriptions of bidders stated hereinbefore, including any agency, branch or office controlled by such person, participating in a procurement process.

(ii) "Tender" for the purpose of the Order will include other forms of procurement, except where the context requires otherwise.

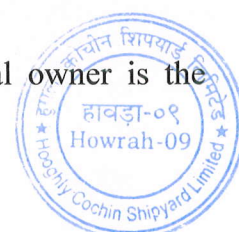
(iii) "Bidder from a country which shares a land border with India" for the purpose of the Order means

- An entity incorporated, established or registered in such a country; or
- A subsidiary of an entity incorporated, established or registered in such a country; or
- An entity substantially controlled through entities incorporated, established or registered in such a country; or
- An entity whose beneficial owner is situated in such a country; or
- An Indian (or other) agent of such an entity; or
- A natural person who is a citizen of such a country; or
- A consortium or joint venture where any member of the consortium or joint venture falls under any of the above

(iv) "Agent" for the purpose of the Order is a person employed to do any act for another, or to represent another in dealings with third persons.

(v) Beneficial owner for the purposes of point (iii) above will be as under:

- In case of a company or Limited Liability Partnership, the beneficial owner is the





natural person(s), who, whether acting alone or together, or through one or more juridical person(s), has a controlling ownership interest or who exercises control through other means. Explanation:-

- In case of a partnership firm, the beneficial owner is the natural person(s) who, whether acting alone or together, or through one or more juridical person, has ownership of entitlement to more than fifteen percent of capital or profits of the partnership;
- In case of an unincorporated association or body of individuals, the beneficial owner is the natural person(s), who, whether acting alone or together, or through one or more juridical person, has ownership of or entitlement to more than fifteen percent of the property or capital or profits of such association or body of individuals;
- Where no natural person is identified under para (iii) above, the beneficial owner is the relevant natural person who holds the position of senior managing official;
- In case of a trust, the identification of beneficial owner(s) shall include identification of the author of the trust, the trustee, the beneficiaries with fifteen percent or more interest in the trust and any other natural person exercising ultimate effective control over the trust through a chain of control or ownership.

(e) Wordings of certificate to be submitted along with tender documents:-

"I have read the clause regarding restrictions on procurement from a bidder of a country which shares a land border with India. I hereby certify that this bidder is not from such a country or, if from such a country, has been registered with the competent authority. I hereby certify that this bidder fulfills all requirements in this regard and is eligible to be considered. (Evidence of valid registration by the competent authority shall be attached wherever applicable).

Further, I will not subcontract any work to a contractor / source finished goods from an entity from such countries unless such contractor/ entity is registered with the competent authority. I hereby certify that this bidder fulfills all requirements in this regard and is eligible to be considered (Evidence of valid registration by the competent authority shall be attached wherever applicable)."

Sign and stamp





### Purchase Preference for Make In India (MII)

#### Purchase Preference for Make In India (MII)

(a) To encourage „Make in India“ and promote manufacturing and production of goods and services in India with a view to enhancing income and employment, Department of Promotion of Industry and Internal Trade (DPIIT), Ministry of Commerce and Industry, Government of India, issued Public Procurement (Preference to Make in India), Order 2017. The order is issued pursuant to Rule 153 (iii) of GFR, 2017. The Order is applicable on the procurement of Goods, Works and Services. For the purpose of this Order:-

(b) Eligibility of „Class-I local supplier“/ „Class-II local supplier“/ „Non-local suppliers“ for different types of procurement

- (i) In procurement of all goods, services or works in respect of which the Nodal Ministry/ Department has communicated that there is sufficient local capacity and local competition, only „Class-I local supplier“, shall be eligible to bid irrespective of purchase value.
- (ii) Only „Class-I local supplier“ and „Class-II local supplier“, shall be eligible to bid in procurements undertaken by procuring entities, except when Global tender enquiry has been issued. In global tender enquiries, „Non-local suppliers“ shall also be eligible to bid along with „Class-I local suppliers“ and „Class-II local suppliers“. In procurement of all goods, services or works, not covered by sub-para (a) above, and with estimated value of purchases less than Rs. 200 Crore.

#### (c) Purchase Preference

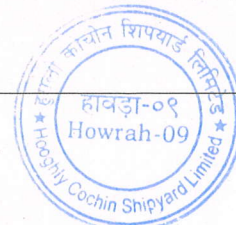
A ~~In the procurements of goods or works which are divisible in nature, the „Class-I local supplier“ shall get purchase preference over „Class-II local supplier“ as well as „Non-local supplier“, as per following procedure:-~~

- ~~(i) Among all qualified bids, the lowest bid will be termed as L1. If L1 is „Class-I local supplier“, the contract for full quantity will be awarded to L1.~~
- ~~(ii) (ii) If L1 bid is not a „Class-I local supplier“, 50 (fifty) percent of the order quantity shall be awarded to L1. Thereafter, the lowest bidder among the „Class-I local supplier“ will be invited to match the L1 price for the remaining 50 (fifty) percent quantity subject to the Class-I local supplier's quoted price falling within the margin of purchase preference, and contract for that quantity shall be awarded to such „Class-I local supplier“ subject to matching the L1 price. In case such lowest eligible „Class-I local supplier“ fails to match the L1 price or accepts less than the offered quantity, the next higher „Class-I local supplier“ within the margin of purchase preference shall be invited to match the L1 price for remaining quantity and so on, and contract shall be awarded accordingly. In case some quantity is still left uncovered on Class-I local suppliers, then such balance quantity may also be ordered on the L1 bidder~~

B In the procurements of goods or works which are not divisible in nature, and in procurement of services where the bid is evaluated on price alone, the „Class-I local supplier“ shall get purchase preference over „Class-II local supplier“ as well as „Non-local supplier“, as per following procedure:-

- (i) Among all qualified bids, the lowest bid will be termed as L1. If L1 is „Class-I local supplier“, the contract will be awarded to L1.
- (ii) If L1 is not „Class-I local supplier“, the lowest bidder among the „Class-I local supplier“, will be invited to match the L1 price subject to Class-I local supplier's quoted price falling within the margin of purchase preference, and the contract shall be awarded to such „Class-I local supplier“ subject to matching the L1 price.
- (iii) In case such lowest eligible „Class-I local supplier“ fails to match the L1 price, the „Class-I local supplier“ with the next higher bid within the margin of purchase preference shall be invited to match the L1 price and so on and contract shall be awarded accordingly. In case none of the „Class-I local supplier“ within the margin of purchase preference matches the L1 price, the contract may be awarded to the L1 bidder.
- (iv) „Class-II local supplier“ will not get purchase preference in any procurement, undertaken by procuring entities

(d) Applicability in tenders where contract is to be awarded to multiple bidders





In tenders where contract is awarded to multiple bidders subject to matching of L1 rates or otherwise, the „Class-I local supplier“ shall get purchase preference over „Class-II local supplier“ as well as „Non-local supplier“, as per following procedure:

- (i) In case there is sufficient local capacity and competition for the item to be procured, as notified by the nodal Ministry, only Class I local suppliers shall be eligible to bid. As such, the multiple suppliers, who would be awarded the contract, should be all and only „Class I Local suppliers“.
- (ii) In other cases, „Class II local suppliers“ and „Non local suppliers“ may also participate in the bidding process along with „Class I Local suppliers“ as per provisions of the Order.
- (iii) If „Class I Local suppliers“ qualify for award of contract for at least 50 (fifty) percent of the tendered quantity in any tender, the contract may be awarded to all the qualified bidders as per award criteria stipulated in the bid documents. However, in case „Class I Local suppliers“ do not qualify for award of contract for at least 50 (fifty) percent of the tendered quantity, purchase preference should be given to the „Class I local supplier“ over „Class II local suppliers“/ „Non local suppliers“ provided that their quoted rate falls within 20 (twenty) percent margin of purchase preference of the highest quoted bidder considered for award of contract so as to ensure that the „Class I Local suppliers“ taken in totality are considered for award of contract for at least 50 (fifty) percent of the tendered quantity.
- (iv) First purchase preference has to be given to the lowest quoting „Class-I local supplier“, whose quoted rates fall within 20 (twenty) percent margin of purchase preference, subject to its meeting the prescribed criteria for award of contract as also the constraint of maximum quantity that can be sourced from any single supplier. If the lowest quoting „Class-I local supplier“, does not qualify for purchase preference because of aforesaid constraints or does not accept the offered quantity, an opportunity may be given to next higher „Class-I local supplier“, falling within 20 (twenty) percent margin of purchase preference, and so on.
- (e) **Minimum local content:** The „local content“ requirement to categorize a supplier as „Class-I local supplier“ is minimum 50 (fifty) percent. For „Class-II local supplier“, the „local content“ requirement is minimum 20 (twenty) percent. Nodal Ministry/ Department may prescribe only a higher percentage of minimum local content requirement to categorize a supplier as „Class-I local supplier“/ „Class-II local supplier“. For the items, for which Nodal Ministry/ Department has not prescribed higher minimum local content notification under the Order, it shall be 50 (fifty) percent and 20 (twenty) percent for „Class-I local supplier“/ „Class-II local supplier“ respectively.
- (f) **Requirement for specification in advance:** The minimum local content, the margin of purchase preference and the procedure for preference to Make in India shall be specified in the notice inviting tenders or other form of procurement solicitation and shall not be varied during a particular procurement transaction.
- (g) **Verification of local content:**
  - (i) The „Class-I local supplier“/ „Class-II local supplier“ at the time of tender, bidding or solicitation shall be required to indicate percentage of local content and provide self- certification that the item offered meets the local content requirement for „Class-I local supplier“/ „Class-II local supplier“, as the case may be. They shall also give details of the location(s) at which the local value addition is made.
  - (ii) In cases of procurement for a value in excess of Rs. 10 crores, the „Class-I local supplier“/ „Class-II local supplier“ shall be required to provide a certificate from the statutory auditor or cost auditor of the company (in the case of companies) or from a practicing cost accountant or practicing chartered accountant (in respect of suppliers other than companies) giving the percentage of local content.
  - (iii) False declarations will be in breach of the Code of Integrity under Rule 175(1)(i)(h) of the General Financial Rules for which a bidder or its successors can be debarred for up to two years as per Rule 151 (iii) of the General Financial Rules along with such other actions as may be permissible under law.
  - (iv) A supplier who has been debarred by any procuring entity for violation of the Order shall not be eligible for preference under the Order for procurement by any other procuring entity for the duration of the debarment. The debarment for such other procuring entities shall take effect prospectively from the date on which it comes to the notice of other procurement entities.





## Annexure-6

### Make in India Certificate

In line with Government Public Procurement (Preference to Make in India), Order 2017, P-45021/2/2017-PP (BE-II) dated 16.09.2020 and as amended from time to time we M/s....., hereby certify the following facts for our offered product against GeM bid number .....

Schedule	Item description	Local content in %	Class of local supply Local content(> 50%)- Class 1 Local content(20-50 %)-Class 2 Local content(<20%) - Non local	Location of local value addition (Location shall be the specified as address or name of city or district)

We also understand, false declarations will be in breach of the Code of Integrity under Rule 175(1)(i)(h) of the General Financial Rules for which a bidder or its successors can be debarred for up to two years as per Rule 151 (iii) of the General Financial Rules along with such other actions as may be permissible under law. The above declaration does not include services such as transportation, insurance, installation, commissioning, training and after sales service support like AMC/CMC etc as local value addition

Sign and stamp





**SPECIAL INSTRUCTION TO BIDDER**

**1. MODE OF SUBMISSION OF TENDERS**

Tenders should be submitted in two separate files as **PART-I"TECHNO-COMMERCIAL" & PART-II "PRICE" (Password Protected)** indicating the tender number, due date of the tender in the subject of the Mail and addressed to The Assistant General Manager (Planning & Procurement), Hooghly Cochin Shipyard Limited, Nazirgunge Unit, Howrah.

**2. TECHNO-COMMERCIAL PART SHOULD CONTAIN FOLLOWING DETAILS:**

- i. Technical Specification (Annexure-1)
- ii. Unquoted Price bid (Annexure-2)
- iii. General Terms and Conditions (Annexure-3)
- iv. Restriction On Procurement From Countries Sharing Land Border With India (Annexure-4)
- v. Purchase Preference For Make In India (MII) (Annexure-5)
- vi. Make In India Certificate (Annexure-6)
- vii. Special Instruction To Bidder (Annexure-7)
- viii. Techno-Commercial Check List (Annexure-8)
- ix. Vendor Details (Annexure-9)
- x. NEFT Mandate Form (Annexure-10)
- xi. List Of Deviations (Annexure-11)
- xii. Bank Guarantee Format Towards EMD (Annexure-12)
- xiii. Bank Guarantee Format Towards SD (Annexure-13)
- xiv. Self-Declaration By Bidder (Annexure-14)
- xv. Declaration of Pending Legal Cases (Annexure-15)

**3. PRICE PART SHOULD CONTAIN FOLLOWING DETAILS: -**

- a. Price against item as per Annexure-2.
- b. Taxes & duties as applicable shall be indicated.

**Note:**

- i. Modification or alteration of the price bid format attached is strictly prohibited. Otherwise Bid will be liable for rejection.
- ii. In case Price bid is placed inadvertently in the Techno-Commercial Part or in case Price bid is not password protected, Bid will be straightway rejected.

**4. While submitting the bid, bidders are requested to note that the e-mail ID starting with following words may probable be treated as spam, not always necessary-**

info, support, admin, sales, customer support,helpdesk,mail,mailadmin, billing, hello,careers.

**Bidders are requested to submit the bid by e-mail (Price part password protected) only to both the following email address clearly mention the tender reference in the subject line for easy identification.**

[saikat.biswas@hooghlycsl.com](mailto:saikat.biswas@hooghlycsl.com)

[sreerag.g@hooghlycsl.com](mailto:sreerag.g@hooghlycsl.com)





5. The Techno-commercial part alone will be opened initially on the due date and time of tender. The price part will be opened only after evaluation of the Techno commercial part. Bidders will be intimated the date of opening of the price part, whose techno- commercial bids are acceptable in due course.
6. Deviations, if any, in the offer submitted from that of the tender enquiry in any form, should be clearly furnished in a separate document titled as “List of Deviations”, failing which it will be presumed that all the terms and conditions are acceptable.
7. After submission of quotation / price bid opening, no unsolicited correspondence will be entertained.
8. Clarifications, either technical or commercial, should be submitted to points specially asked for only. The opportunity so given should not be used for correcting/changing amending the data/conditions already submitted with the tender.
9. Offers should be clear and unambiguous. Incomplete/ambiguous offers are likely to be rejected.
10. The bidder shall submit a signed & sealed copy of the tender document including Annexures and Enclosures along with their bid as token of acceptance of terms & Conditions.

**For Hooghly Cochin Shipyard Limited**





## TECHNO-COMMERCIAL CHECK LIST

SL. NO.	DESCRIPTION	COMPLIANCE		REMARKS
		YES	NO	
1.	Submission of Tender in two parts –Techno-commercial& Price (Password Protected)			
2.	Delivery date confirmation to yards delivery schedule			
3.	Validity of offer – 120 Days from the date of Techno-Commercial Bid opening.			
4.	Payment Terms - confirm your offered mode of payment.			
5.	The Prices offered should remain firm till the completion of delivery, in case the purchase order is placed with you.			
7.	Have you quoted the rates for delivery at Hooghly Cochin Shipyard Ltd (HCSL), Satyen Bose Road, Danesh Sk. Lane (PO), Nazirgunge, Howrah, West Bengal, PIN -711109 (FOR HCSL Store basis)			
8.	Have you considered Taxes, duties, levies, packing & forwarding etc., if any, in the offer?			
9.	L.D. payable as per relevant Clause in the General terms of enquiry.			
10.	Disputes in connection with contract subject to jurisdiction of courts at Kolkata India.			
11.	PAN & GST (Self Attested).			
12.	Termination of contract/Risk purchase as per relevant clause in the General terms of enquiry.			
13.	Confirm all other terms and conditions of enquiry are acceptable.			





**Annexure-9****VENDOR DETAILS (to be submitted along with TECHNICAL BID)**

<b>1</b>	Name of Bidder/Firm	
<b>2</b>	Registered office Address of Company/firm in Kolkata/Howrah: Local office address at Kolkata/Howrah (if held):	
<b>3</b>	Telephone No./Fax No./Mobile No:	
<b>4</b>	E-mail address:	
<b>5</b>	Names of the contact person & Designation:	1) 2) 3)
<b>6</b>	Type of Entity-Pro praetorship/Partnership firm/company/NSIC/MSME Category etc. (Please attach registration certificate of Firm/Partnership agreement/proprietorship documents)	
<b>7</b>	Cost of Tender Details (DD No. Name of Bank)	N/A
<b>8</b>	EMD Details (DD No. Name of Bank)	N/A
<b>9</b>	PAN Card Number (Self-attested copy of PAN card has to be Submitted)	
	GST Registration No. (Self-attested copy has to be Submitted)	
<b>10</b>	Whether the agency has been blacklisted/debarred or given tender holiday or contract terminated before expiry of the contract period by any govt. autonomous bodies/organizations where bidder has provided services earlier due to deficiencies in service or misconduct etc.	Yes/No (Please tick as applicable) If yes, please furnish details on a separate sheet

- **Certified that the above information is true to the best of our belief and information.**

**Place:**

**Date:**

**Signature of Supplier/Authorized signature of firm/agency:**

**Name of Supplier or authorized signatory of firm/agency:**

**Designation:**



## NEFT MANDATE FORM

**(ON THE LETTER HEAD OF THE COMPANY)**

# Electronic Payment Mandate Form

(Mandate for receiving payments through RTGS/NEFT Hooghly Cochin Shipyard Ltd)

- 1) Vendor Name
- 2) Vendor Address with Phone No

- 3) Vendor Code

- 4) Permanent Account No. (PAN)

[illegible]

- 5) Particulars of Bank Account

- a. Name of the Bank

[illegible][illegible]

- b. Name of the Branch

[illegible][illegible]

- ### c. Branch Code

- d. NEFT Code of the Bank

- e. City Name

- ### f. Branch Location

- g. Branch Telephone No.

- #### h. Bank IFSC Code

- i. 9-Digit MICR Code

--	--	--	--	--	--	--	--	--

(Where MICR is starting with "0". Please take the correct code from your bank for proper identification of city, bank, branch)

- i. Type of the Account (S.B

Current or

Cash Credit) with code

(010/011/013)

--	--	--

- j. Account Number (as appearing on the cheque book)

[illegible]

- 6 Email Address of Vendor

- 7 Date of Effect of RTGS/NEFT  
in your Bank

(Please enclose a cancelled un-signed cheque leaf to enable us to verify the details mentioned above)



We hereby declare that the particulars given above are correct and complete. If the transaction is delayed or lost because of incomplete or incorrect information, we would not hold the company responsible.

(.....)

Signature of Employee

Bank Certificate

We certify that \_\_\_\_\_ has an Account  
No. \_\_\_\_\_ with us and we confirm that the details given above  
are correct as per our records.

Date:

Place:

(.....)

Authorized official of  
Bank



COMPLIANCE STATEMENT- List of Deviations		PAGE 1 OF 1
<b>Tender Name:</b> Procurement of Cable Trays for 40T BP ASD Tugs at Hooghly Cochin Shipyard Limited, Nazirgunge Unit, Howrah (Detailed specification is enclosed separately).		
<b>TENDER NO:</b> HCSL/PUR/TEN/2025/006 <b>Dated:</b> 27.01.2025		
We hereby confirm and truly declare that our Offer / Bid No. ....dated .....is in full compliance with the documents issued against the Tender No. -----dated -----, except for the deviations listed below: LIST OF DEVIATIONS (HCSL reserves the right to reject offers with deviations)		
Sl. No.	Description / Tender Reference	Reasons for Deviation
Name of tenderer: _____ Date: _____ Name & Designation _____ Seal & Signature _____ <div style="text-align: right;">(Company Seal)</div>		



**Form of bank Guarantee towards EMD**

(On stamp paper of value Rs. 200/-)

This deed of GURANTEE made on ..... day of .....Two thousand Eighteen between HCSL on the one part and ..... (Name and address of the bank) of the other part is as follows: -

In consideration of the HCSL having allowed M/s..... (Hereinafter referred to as 'the Supplier') to submit Tender No..... to them without Earnest Money according to the conditions of such Tender Notification.

We..... (here enter the name of 'the Bank') a Company incorporated under the .....Act and having its registered office at .....(hereinafter referred to as 'the bank') undertake to pay to HCSL on demand at Kolkata the sum of money payable as Earnest Money in respect of the Tender No.....made by the Supplier, in case the Supplier withdraws the tender before the date of firmness stipulated or when the tender is accepted by or on behalf of the HCSL the Supplier makes default in furnishing the Security Deposit or in entering into an agreement as required by the HCSL or otherwise commits any breach of the terms and conditions of the tender.

We, .....Bank Guarantee to pay the amount due and payable under this guarantee without any demur merely on demand from the HCSL. Any such demand made on the Bank shall be conclusive as regards the amount due and payable by the Bank under this guarantee. The liability of the surety shall be restricted to Rs .....(Rs..... only)

This guarantee shall not be avoided, released or affected by any variation in the terms of the tender, acceptance or the contract between the Contractor and the HCSL or any neglect indulgence or forbearance by the HCSL.

This guarantee shall remain in full force and effect during the period that would be taken for the finalization of the tender and till the HCSL certifies that the terms and conditions of the said tender have been fully and properly carried out by the Supplier and accordingly discharges this guarantee or for Six Months from the date of issue of this guarantee whichever is earlier. A notice of the claim under this guarantee may be served on the Bank within Six Months after the said period in which case the same shall be enforceable against the Bank notwithstanding the fact that the same is enforced after the expiry of the said period.

The decision of the CEO, HCSL as to whether the occasion or the ground has arisen for the demand of the surety form Bank shall be final. The HCSL shall be at liberty to act as though the



Bank were the principal debtor.

We, the said Bank lastly undertake not to revoke this guarantee during its currency except with the previous consent of the HCSL in writing and agree that any change in the constitution of the said contractor or the said Bank shall not discharge our liability hereunder.

In witness whereof we have hereunto set our hand and seal this. .... day  
.....of.....Two  
thousand and .....

Place:

Date:

**BANK GUARANTEE IN LIEU OF SECURITY DEPOSIT/  
WARRANTY GUARANTEE**

To

**HOOGLY COCHIN SHIPYARD LTD**

(Govt. of India Enterprise,)

Satyen Bose Road,

Danesh SK Lane (PO),

Nazirgunge, Howrah,

West Bengal - 711109.

WHEREAS .....(Name & Address of Supplier)  
(hereinafter called " **the Supplier**") has undertaken , in pursuance of  
Contract.....No.....Dated:.....to  
execute .....(Name of Contract and brief description of works)(hereinafter  
called " **the Contract**").

AND WHEREAS it has been stipulated by **HOOGLYCOCHIN SHIPYARD LTD** (The  
Buyer – hereinafter called "**HCSL**") in the said contract that the Supplier shall furnish **HCSL**  
with a Bank Guarantee for the sum specified therein as security for compliance with the  
Supplier's obligations in accordance with the Contract.

AND WHEREAS we have agreed to give the Supplier such a Bank Guarantee.

NOW THEREFORE we.....(Name of the Bank) having its Head Office  
at.....(Address of Head Office)and acting through its branch office  
at.....(Address of the executing branch)(hereinafter called " **the Bank**") hereby  
affirm that we are the Guarantor and responsible to **HCSL**, on behalf of the Supplier upto a  
total of.....(amount of Guarantee) in words).

We, the bank, hereby irrevocably undertake to pay you any amount not exceeding in total the  
Guarantee Amount upon receipt by us of your demand in writing accompanied by the  
following documents:

1. Your signed statement certifying that the Supplier is in breach of his  
obligation(s) under the Contract and the respect in which the Supplier is in breach.
2. Your signed statement certifying that the Supplier has been given a prior written notice  
by email from you to make good the aforesaid breach and that the Supplier still failed  
to fulfill the Contract within 30 days of such notice. A copy of such notice given by  
email to the Supplier shall be attached to the demand for payment.

Any demand for payment should contain your authorized signatures which must be authorized  
by your bankers or by a notary public.



We, the Bank, further agree that no change or addition to or other modification of the terms of the Contract or of the Works to be performed there under or of any of the Contract documents which may be made between **HCSL** and the Supplier shall in any way release us from any liability under this guarantee, and we hereby waive notice of any such change, addition or modification. We, the Bank, further agree that any change in the constitution of the said contractor or the said bank shall not discharge our liability hereunder.

**Notwithstanding** anything contained herein:

1. Our liability under this Bank Guarantee shall not exceed .....(only).
2. This Bank Guarantee shall be valid upto (date)and
3. We are liable to pay the guaranteed amount or any part thereof under this bank guarantee only and only if **HCSL** serve upon us a written claim or demand on or before.....(validity date).

Any demand for payment under this guarantee must be received by us at this office during working hours on or before the validity date. Should we receive no claim from you by the validity date, our liability to you will cease and the guarantee will definitely become null and void whether returned to us or not.

Yours truly,

Signature and seal of the

guarantor:.....

Name of

Bank:.....

...

Address:.....

Date:.....

<sup>11</sup>An amount shall be inserted by the Guarantor, representing the percentage of the Contract Price specified in the Contract and denominated in respective Dollars / Indian Rupees/Other Currency.

**Self-Declaration to be given by the bidder in Letter head**

Bid's Reference No. & Date:

Bidder's Name & Address:

Person to be contacted:

Designation:

Telephone No.:

Fax No.:

Email:

1. We do hereby declare that we have not been debarred/black listed by HCSL or by any of the Public Sector Undertaking or Government department etc.
2. If HCSL finds that, we have been blacklisted/ debarred by any of the Public Sector Undertaking or Government department, and then HCSL can reject the offer or terminate the contract at any point of time. In such case, we are aware that, EMD, security deposit, performance guarantee etc will be forfeited by HCSL. Further we are confirming herewith that, any loss that has happened to HCSL due to this will be compensated by us.

For and on behalf of the firm

(Firms Name & Address)

(Signature of Authorized Signatory)

Name:

Designation

Phone No.:

Seal:

Date: .....

Place:.....



*(Sample Format)*

Details of legal cases pending against the firm for the last five years

SL. NO.	ORGANISATION AGAINST WHOM THE LITIGATION IS INVOLVED	BRIEF DETAILS OF DISPUTE	AMOUNTS INVOLVED (Rs. ....)	PRESENT STATUS	Remarks

**SIGNATURE OF BIDDER**

Rev. No.	Pages	Description	Date	Sign.
0	11	FIRST ISSUE	30-11-2024	Rakesh

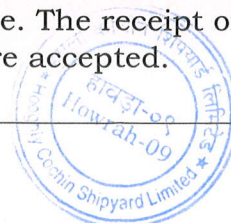


## HOOGHLY COCHIN SHIPYARD LIMITED

HOWRAH - 711 109

YARD NO	01124001- 01224004	<b>PROJECT: 40TBOLLARDPULLASDTUG</b>											
OWNER	INDUSTRIAL HANDLING PRIVATE LIMITED	<b>PURCHASE TECHNICAL SPECIFICATION FOR SPECIFICATION OF CABLE TRAYS</b>											
APPROVED	RAKESH KR SAGAR												
CHECKED	SIVAPRASAD SP												
PREPARED	SHANMUGH												
DATE	30-11-2024	SCALE: - NA	Doc. No.: PTS-ELEC-PGD-40TASD-824										
ISSUED TO	NO. DEP												

This document/specification is the property of Hooghly Cochin Shipyard Limited, and it must not be copied or the contents thereof or any information received in conjunction therewith must not be imparted /shared to any third party or utilized for any other purpose. The receipt of the document/specification implies that the conditions as mentioned herein are accepted.





## Table of Contents

- 1 GENERAL SPECIFICATION ..... **Error! Bookmark not defined.**
- 2 TECHNICAL SPECIFICATION FOR POWER GENERATION AND DISTRIBUTION PACKAGE: ..... **Error! Bookmark not defined.**



## TECHNICAL SPECIFICATION FOR CABLE TRAYS

### **1. SCOPE OF SUPPLY**

- 1.1 The details of the cable trays (dimensional details, materials to be used for fabrication, treatment details, finishing details etc) are indicated for the corresponding cable tray type in the fabrication drawing -Electrical Outfitting Practice & Standards(Annexure-1).
- 1.2 Supply of Marine quality **Cable ladders with Z-rungs** as per the quantity requirement table at Sl. No. 2.
- 1.3 The Cable tray materials shall be treated with anti-corrosive material Zinc hot dip galvanized to Marine standard (Mean coating as per ISO standard), which will not readily cause corrosion or rust.
- 1.4 The supply shall be made on the basis of number of pieces and sizes and not as per the weight.
- 1.5 All clarification required if any regarding dimensions, materials, etc for items should be made before submission of offer. Any deviation made from the material, process specification should be intimated and approval to be obtained.

### **2. QUANTITY REQUIREMENT TABLE**

**Quantity indicated below is for 01 vessel. Total requirement is for 04 vessels.**

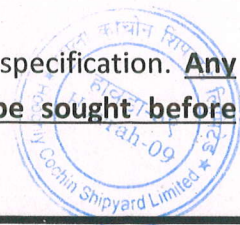
Sl. No	CABLE TRAY (mm)	Description	Type	Qty nos/Vessel
1	400	Z TYPE CABLE LADDER 1591(L) X 400(W) GAL.	ZSC-40	90
2	200	Z TYPE CABLE LADDER 1591(L) X 200(W) GAL.	ZSC-20	50
3	100	Z TYPE CABLE LADDER 1591(L) X 100(W) GAL.	ZSC-10	15

### **3. INSPECTION:**

- 3.1 Fabrication at Manufacturer's shop shall be carried out in accordance with manufacturer's standard and requirements mentioned in the drawing placed at Annexure I. Type mentioned in the list at Sl. No.2 must be fabricated and sample pieces must be offered for approval of yard before the fabrication of lot. If required, Shipyard representatives, Ship owner's representatives and or other agencies of shipyard may do inspection of the same, at fabrication stage.

### **4. CONDITIONS OF OFFER**

- 4.1 The offer shall clearly specify the exact thickness, grade and quantity (in number) being offered, against each line item specified in the quantity requirement table.
- 4.2 Size of all the pieces supplied must be only as per quoted plate size and any deviation in the supplied dimensions of any piece during delivery shall **NOT** be accepted.
- 4.3 Negative variation in the quantity being supplied shall **NOT** be accepted.
- 4.4 The offer should strictly conform to the details indicated in this specification. **Any clarification required regarding technical specification should be sought before submission of the offer.**





## 5. GUARANTEE

Manufacturer shall guarantee all the items for any defect in design, material and workmanship for a period as mentioned in the commercial terms of the inquiry.

## 6. DELIVERY DATE

As per commercial terms

## 7. COMPLIANCE

If the items offered are not conforming to the details given in the specification, the deviation shall be described in detail against the particular clause has to be reverted.

\*\*\*\*\*

Sl. No.	CABLE TRAY (mm)	Description	Type	Qty
1	100	1 TYPE CABLE TRAY (100 X 100)	100-10	10
2	100	1 TYPE CABLE TRAY (100 X 100)	100-10	10
3	100	1 TYPE CABLE TRAY (100 X 100)	100-10	10



Annexure-1 to PTS

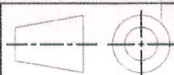
# HOOGHLY COCHIN SHIPYARD ELECTRICAL OUTFITTING PRACTICE AND STANDARDS

TITLE

**ELECTRICAL OUTFITTING  
PRACTICE & STANDARD**

0	30-11-24	INITIAL ISSUE	HS	SP
REV.	DATE	DESCRIPTION	BY	CHECK APP
REVISIONS				
THIS DRAWING/SPECIFICATION IS THE PROPERTY OF HOOGHLY COCHIN SHIPYARD LTD. AND MUST NOT BE COPIED OR THE CONTENTS THEREOF OR ANY INFORMATION RECEIVED IN CONJUNCTION THEREWITH MUST NOT BE IMPORTED TO ANY UNAUTHORIZED THIRD PARTY. THE RECEIPT OF THE DRAWING/ SPECIFICATION IMPLIES THAT THE CONDITIONS MENTIONED HEREIN ARE ACCEPTED.			DRAWING NO.	
SCALE		FORMAT	REVISION	PAGE No.
1:1		A4	0	01 OF 06

All  
Dimensions  
are in mm



SCALE

1:1

FORMAT

A4

REVISION

0

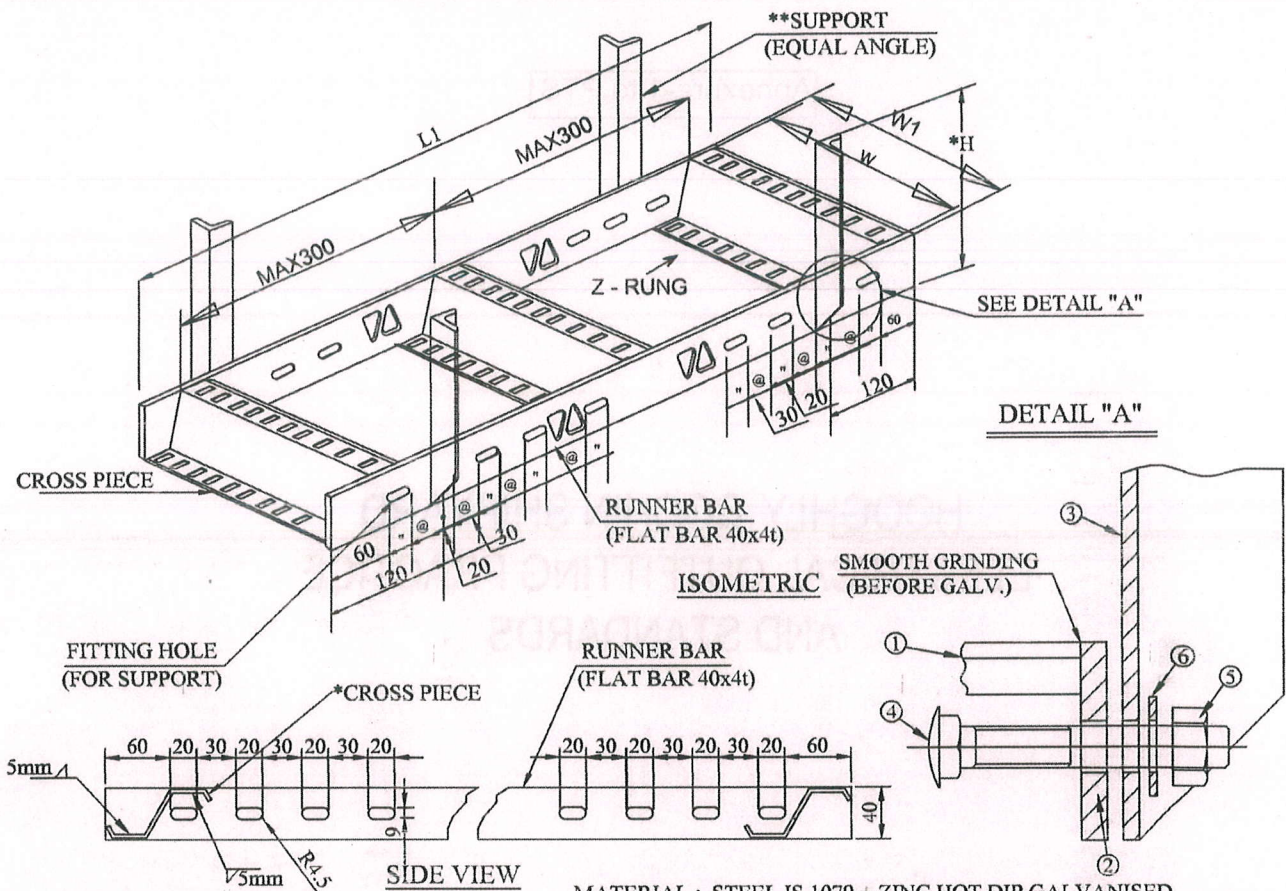
PAGE No.

01 OF 06



## CABLE INSTALLATION MATERIALS

### CABLE LADDER Z--RUNG (TYPICAL)



MATERIAL : STEEL IS 1079 + ZINC HOT DIP GALVANISED

ITEM NO.	DESCRIPTION	REMARK
1	CROSS PIECE	SEE PAGE 03
2	RUNNER BAR	SEE PAGE 04
3	SUPPORT	SEE NOTE
4	CUP SQUARE NECK BOLT	M8 x 20L
5	HEX NUT	M8
6	PLAIN WASHER	FOR M8

#### NOTE:

##### 1. \* SUPPORT

- $H < 1000$  or  $W \leq 500$  : 32 X 32 X 3 EQUAL ANGLE
- $H \geq 1000$  or  $W > 600$  : 40X40X5 EQUAL ANGLE
- SPECIAL CASES AS INDICATED IN DRAWINGS.

\* SUPPORT HEIGHT(H) : SHALL BE DECIDED AS PER THE FITTING ARRANGEMENT DRAWING

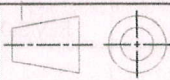
**IN NORMAL CASE CABLE WAY SUPPORT TO BE BOLTED TO THE CABLE RACK USING THE SECOND HOLES**

(ie. 120mm from both ends) ON RUNNER BAR.

**IN SPECIAL CASE WHEN THE CABLE RACK'S LENGTH IS CUT SHORT THEN THE HOLES NEAR TO THE CROSS PIECE CAN BE USED.**

TYPE	CABLE RACK LENGTH(L1)	CROSS PIECE	W1	WEIGHT (Kg)	REMARKS
ZSA	10	Z - 10	108	3.31	PAINT: ZINC HOT DIP GALVANISED
	15	Z - 15	158	3.83	
	20	Z - 20	208	4.36	
	30	Z - 30	308	5.4	
	40	Z - 40	408	6.45	
	50	Z - 50	508	7.5	
	60	Z - 60	608	8.55	
ZSB	10	Z - 10	108	4.33	
	15	Z - 15	158	4.99	
	20	Z - 20	208	5.65	
	30	Z - 30	308	6.97	
	40	Z - 40	408	8.29	
	50	Z - 50	508	9.61	
	60	Z - 60	608	10.92	
ZSC	10	Z - 10	108	5.36	
	15	Z - 15	158	6.15	
	20	Z - 20	208	6.95	
	30	Z - 30	308	8.53	
	40	Z - 40	408	10.12	
	50	Z - 50	508	11.71	
	60	Z - 60	608	13.30	

All Dimensions are in mm



SCALE

1:1

FORMAT

A4

REVISION

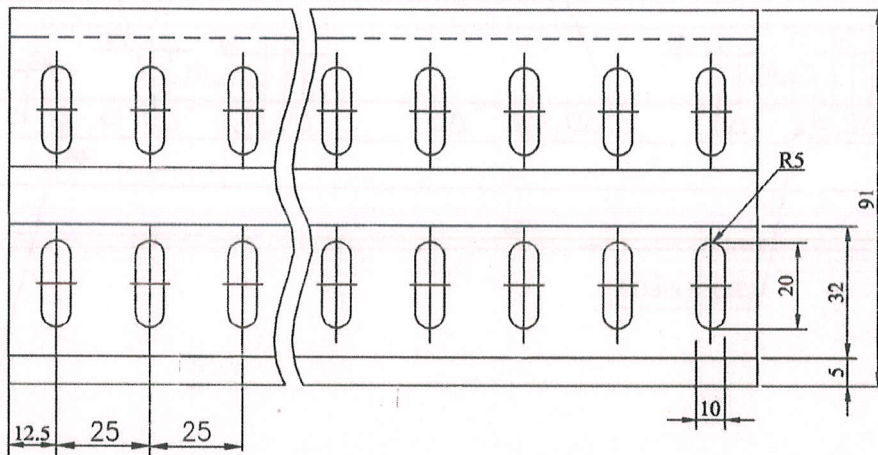
0

PAGE No.

02 OF 06



### CROSS PIECE (Z TYPE)

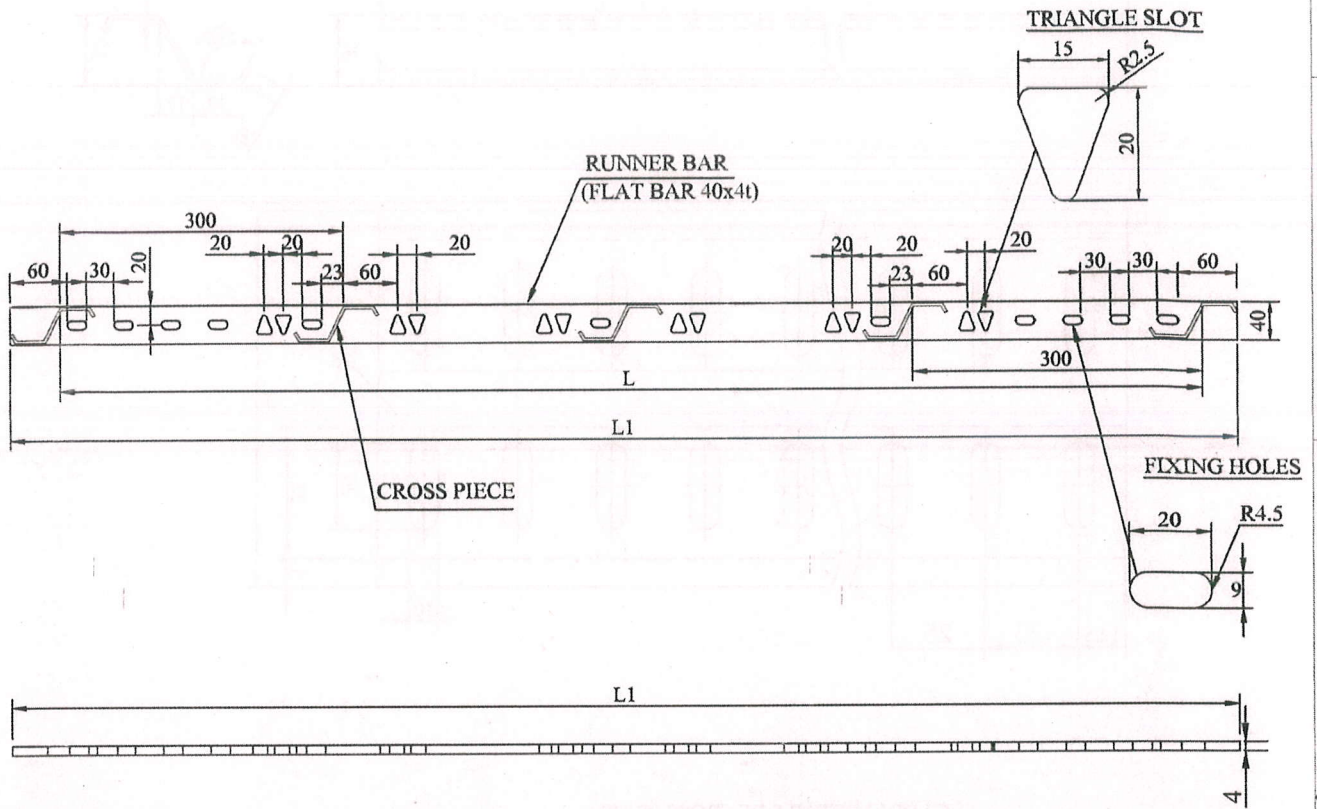


TYPE	W	NO. OF SLOTS /HANGER	WEIGHT(kg)	PAINT
Z - 10	100	8	0.20	ZINC HOT DIP GALVANISED
Z - 15	150	12	0.31	
Z - 20	200	16	0.41	
Z - 30	300	24	0.62	
Z - 40	400	32	0.83	
Z - 50	500	40	1.04	
Z - 60	600	48	1.25	



# CABLE WAY INSTALLATION MATERIALS

## RUNNER BAR (FLAT BAR)



MATERIAL : STEEL IS 1079 + ZINC HOT DIP GALVANISED

TYPE	LENGTH (L)	LENGTH (L1)	FITTING HOLE	WEIGHT(kg)	PAINT
A	900	991	9 X 20X4.5R	1.3105	ZINC HOT DIP GALVANISED
B	1200	1291	9 X 20X4.5R	1.7344	
C	1500	1591	9 X 20X4.5R	3.1583	
*SPECIAL	VARIABLE	VARIABLE	9 X 20X4.5R		

All Dimensions are in mm



SCALE

1:1

FORMAT

A4

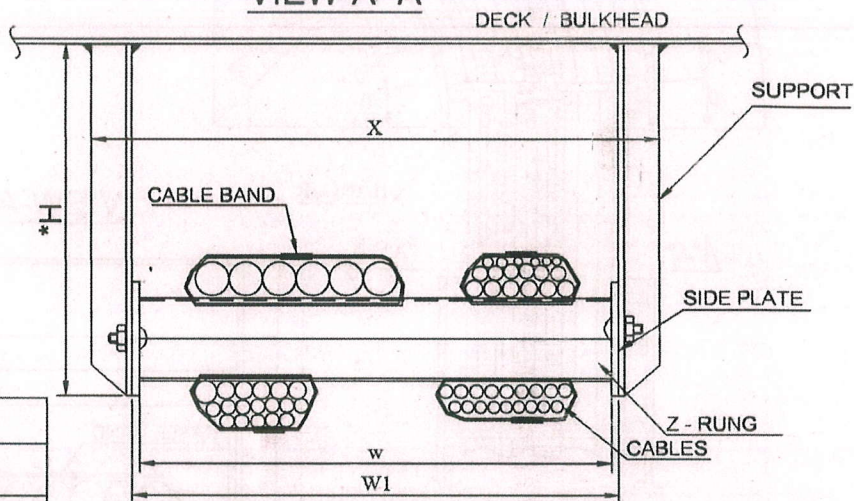
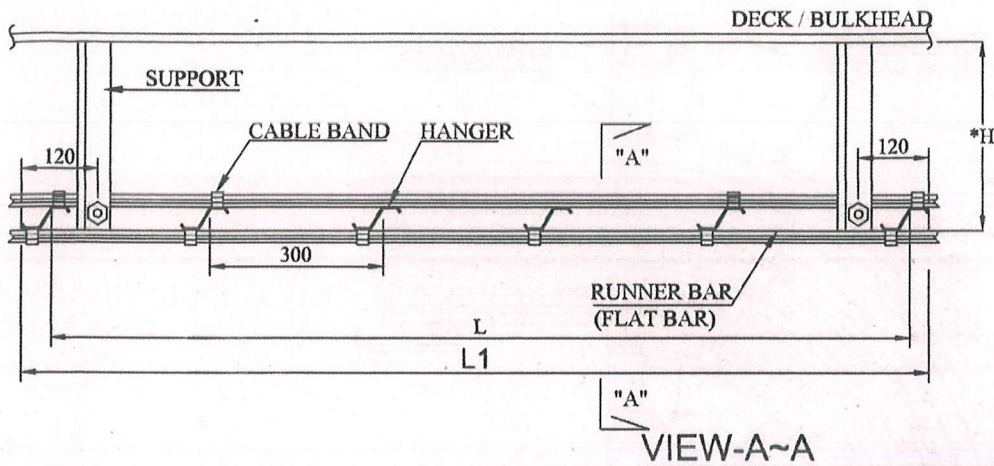
REVISION

0

PAGE No.

04 OF 06





STANDARD OF CABLE RACK LENGTH

SYMBOL	A	B	C
LENGTH (L)	900	1200	1500
LENGTH (L1)	991	1291	1591

MATERIAL : STEEL IS 1079 + ZINC HOT DIP GALVANISED

TYPE	CROSS PIECE	RUNNER BAR			W	W1	X**	
		SIDE PLATE	FITTING HOLE	BOLT			1	2
ZSA/B/C - 10	Z - 10	40 X 4 F.B.	9 X 20X4.5R	M8 X 20 L	100	108	168	188
ZSA/B/C - 15	Z - 15	"	"	"	150	158	218	238
ZSA/B/C - 20	Z - 20	"	"	"	200	208	268	288
ZSA/B/C - 30	Z - 30	"	"	"	300	308	368	388
ZSA/B/C - 40	Z - 40	"	"	"	400	408	468	488
ZSA/B/C - 50	Z - 50	"	"	"	500	508	568	588
ZSA/B/C - 60	Z - 60	"	"	"	600	608	668	688

NOTE:

1. \* SUPPORT

a)  $H < 1000$  or  $W \leq 500$  : 32 X 32 X 3 EQUAL ANGLE

b)  $H \geq 1000$  or  $W > 600$  : 40X40X5 EQUAL ANGLE

c) SPECIAL CASES AS INDICATED IN DRAWINGS.

\*\* CASE 1. IF ANGLE IS OF 32x32x3

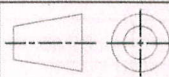
CASE 2. IF ANGLE IS OF 40x40x5

IN NORMAL CASE CABLE WAY SUPPORT TO BE BOLTED TO THE CABLE RACK USING THE SECOND HOLES  
(ie. 120mm FROM BOTH ENDS) ON RUNNER BAR..

IN SPECIAL CASE WHEN THE CABLE RACK'S LENGTH IS CUT SHORT THEN THE HOLES NEAR TO THE CROSS PIECE CAN  
BE USED.

CABLES SHOWN ARE INDICATIVE ONLY.

All  
Dimensions  
are in mm



SCALE

1:1

FORMAT

A4

REVISION

0

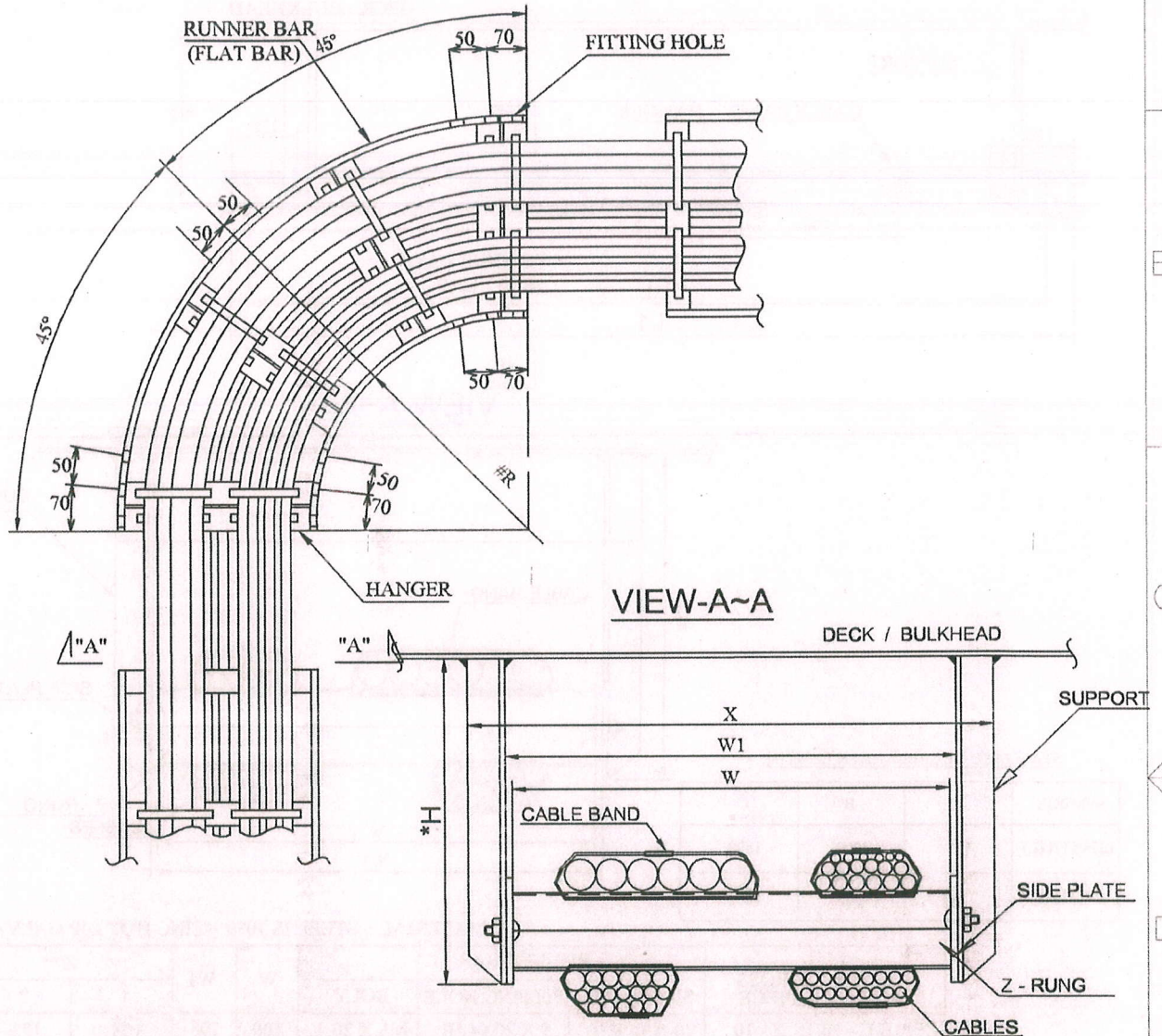
PAGE No.

05 OF 06



## CABLE WAY INSTALLATION MATERIALS

### CABLE RACK BEND TYPE



W<300 : NO. OF \*CROSS PIECE - 3 Nos AND W>300 : NO. OF #CROSS PIECE - 4Nos.

# W<500 R = 300, W≥500 R=400

MATERIAL : STEEL IS 1079 + ZINC HOT DIP GALVANISED

TYPE	HANGER	RUNNER BAR			W	W1	X**		WEIGHT(kg)
		SIDE PLATE	FITTING HOLE	BOLT			1	2	
ZSR- 10	L - 10	40 X 4t F.B.	9 X 20X4.5R	M8 X 20 L	100	108	168	188	2.35
ZSR- 15	L - 15	"	"	"	150	158	218	238	2.99
ZSR- 20	L - 20	"	"	"	200	208	268	288	3.53
ZSR- 30	L - 30	"	"	"	300	308	368	388	5.51
ZSR- 40	L - 40	"	"	"	400	408	468	488	6.94
ZSR- 50	L - 50	"	"	"	500	508	568	588	8.39
ZSR- 60	L - 60	"	"	"	600	608	668	688	9.84

NOTE:

1. \* SUPPORT

a) H < 1000 or W ≤ 500 : 32 X 32 X 3 EQUAL ANGLE

b) H ≥ 1000 or W > 500 : 40X40X5 EQUAL ANGLE

c) SPECIAL CASES AS INDICATED IN DRAWINGS.

\*\* CASE 1. IF ANGLE IS OF 32x32x3

CASE 2. IF ANGLE IS OF 40x40x5

CABLES SHOWN ARE INDICATIVE ONLY.

All Dimensions are in mm		SCALE	FORMAT		REVISION	PAGE No.
		1:1	A4		0	06 OF 06