



हिंदुस्तान ऑर्गेनिक केमिकल्स लिमिटेड HINDUSTAN ORGANIC CHEMICALS LTD
(भारत सरकार का उद्यम A Government of India Enterprise)
अंबलमुगल, कोची AMBALAMUGAL, COCHIN – 682 302
दूरभाष Phone: (0484) 2720911

LIMITED E- TENDER NOTICE

HOCL invites Limited e Bids under Single bid System for the supply of following item

Sl.No.	Description of item and Tender No.	Qty(Approx)
1	FRP GRATINGS HOCL tender ref : MAT/PUR/33262/24/SD98	As per Spec Sheet

Tender documents may be downloaded from www.hoclindia.com or www.eprocure.gov.in

Approved vendors may please get registered with NIC e-procurement portal (URL: <https://eprocure.gov.in/eprocure/app>) to participate in the tender. Tenders submitted other than through online procedure specified will not be accepted. Please visit the above sites regularly for any addendum/ corrigendum/extension before submitting the offers.

Thanking you,

Yours faithfully,
For Hindustan Organic Chemicals Ltd.

बी बालचन्द्रन B. BALACHANDRAN
महा प्रबन्धक (सामग्री) General Manager (Materials)
हिंदुस्तान ऑर्गेनिक केमिकल्स लिमिटेड
HINDUSTAN ORGANIC CHEMICALS LIMITED
(भारत सरकार का उद्यम A Govt.of India Enterprise)
अंबलमुगल, कोची, केरल Ambalamugal, Kochi, Kerala-682302
Tel:0484-2727346.



हिंदुस्तानऑर्गेनिककेमिकल्सलिमिटेड HINDUSTAN ORGANIC CHEMICALS LTD
(भारतसरकारकाउद्यम A Government of India Enterprise)
अंबलमुगल, कोची AMBALAMUGAL, COCHIN – 682 302
दूरभाष Phone: (0484) 2720911

MAT/PUR/33262/24/SD98

12.03.2024

Dear Sirs,

SUB:- FRP COATING GRATINGS

REF:- TENDER NO.MAT/PUR/33262/24/SD98 DT. 12.03.2024

Hindustan Organic Chemicals Ltd. is a Govt. of India Undertaking manufacturing Phenol, Acetone & Hydrogen Peroxide at its plant at Kochi, Kerala, India. HOCL invites e-tender for the supply of FRP Coating Gratings.

HOCL has entered into an agreement with M/s NIC for e-procurement through their portal www.eprocure.gov.in. Approved vendors may please get registered as a vendor with NIC for participating in this tender.

Tender documents are uploaded in HOCL website www.hoclindia.com and www.eprocure.gov.in.

You may submit your offer on single bid system online before the due date and time specified.

TENDER CLOSING DATE: 19.03.2024 at 02.00 PM

TENDER OPENING DATE: 20.03.2024 at 02.00 PM

Thanking you,

Yours faithfully,

For Hindustan Organic Chemicals Ltd.

बी बालचन्द्रन B. BALACHANDRAN

महा प्रबन्धक (सामग्री) General Manager (Materials)

हिंदुस्तान ऑर्गेनिक केमिकल्स लिमिटेड

HINDUSTAN ORGANIC CHEMICALS LIMITED

(भारत सरकार का उद्यम A Govt.of India Enterprise)

अंबलमुगल, कोची, केरल Ambalamugal, Kochi, Kerala-682302

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ANNEXURE-I**Instructions for Online Bid Submission**

(Department User may attach this Document as an Annexure in their Tender Document which provides complete Instructions for on line Bid submission for Bidders)

The bidders are required to submit soft copies of their bids electronically on the CPP Portal, using valid Digital Signature Certificates. The instructions given below are meant to assist the bidders in registering on the CPP Portal, prepare their bids in accordance with the requirements and submitting their bids online on the CPP Portal.

More information useful for submitting online bids on the CPP Portal may be obtained at: <https://eprocure.gov.in/eprocure/app>.

REGISTRATION

1) Bidders are required to enroll on the e-Procurement module of the Central Public Procurement Portal (URL: <https://eprocure.gov.in/eprocure/app>) by clicking on the link **“Online bidder Enrollment”** on the CPP Portal which is free of charge.

2) As part of the enrolment process, the bidders will be required to choose a unique username and assign a password for their accounts.

3) Bidders are advised to register their valid email address and mobile numbers as part of the registration process. These would be used for any communication from the CPP Portal.

4) Upon enrolment, the bidders will be required to register their valid Digital Signature Certificate (Class III Certificates with signing key usage) issued by any Certifying Authority recognized by CCA India (e.g. Sify / nCode / eMudhra etc.), with their profile.

5) Only one valid DSC should be registered by a bidder. Please note that the bidders are responsible to ensure that they do not lend their DSC's to others which may lead to misuse.

6) Bidder then logs in to the site through the secured log-in by entering their user ID / password and the password of the DSC / e-Token.

SEARCHING FOR TENDER DOCUMENTS

1) There are various search options built in the CPP Portal, to facilitate bidders to search active tenders by several parameters. These parameters could include Tender ID, Organization Name, Location, Date, Value, etc. There is also an option of advanced search for tenders, wherein the bidders may combine a number of search parameters such as Organization Name, Form of Contract, Location, Date, Other keywords etc. to search for a tender published on the CPP Portal.

2) Once the bidders have selected the tenders they are interested in, they may download the required documents / tender schedules. These tenders can be moved to the respective 'My Tenders' folder. This would enable the CPP Portal to intimate the bidders through SMS / e-mail in case there is any corrigendum issued to the tender document.

3) The bidder should make a note of the unique Tender ID assigned to each tender, in case they want to obtain any clarification / help from the Helpdesk.

PREPARATION OF BIDS

- 1) Bidder should take into account any corrigendum published on the tender document before submitting their bids.
- 2) Please go through the tender advertisement and the tender document carefully to understand the documents required to be submitted as part of the bid. Please note the number of covers in which the bid documents have to be submitted, the number of documents – including the names and content of each of the document that need to be submitted. Any deviations from these may lead to rejection of the bid.
- 3) Bidder, in advance, should get ready the bid documents to be submitted as indicated in the tender document / schedule and generally, they can be in PDF / XLS / RAR / DWF/JPG formats. Bid documents may be scanned with 100 dpi with black and white option which helps in reducing size of the scanned document.
- 4) To avoid the time and effort required in uploading the same set of standard documents which are required to be submitted as a part of every bid, a provision of uploading such standard documents (e.g. PAN card copy, annual reports, auditor certificates etc.) has been provided to the bidders. Bidders can use “My Space” or “Other Important Documents” area available to them to upload such documents. These documents may be directly submitted from the “My Space” area while submitting a bid, and need not be uploaded again and again. This will lead to a reduction in the time required for bid submission process.

Note: *My Documents space is only a repository given to the Bidders to ease the uploading process. If Bidder has uploaded his Documents in My Documents space, this does not automatically ensure these Documents being part of Technical Bid.*

SUBMISSION OF BIDS

- 1) Bidder should log into the site well in advance for bid submission so that they can upload the bid in time i.e. on or before the bid submission time. Bidder will be responsible for any delay due to other issues.
- 2) The bidder has to digitally sign and upload the required bid documents one by one as indicated in the tender document.
- 3) Bidder has to select the payment option as “offline” to pay the tender fee / EMD as applicable and enter details of the instrument.
- 4) Bidder should prepare the EMD as per the instructions specified in the tender document. The original should be posted/couriered/given in person to the concerned official, latest by the last date of bid submission or as specified in the tender documents. The details of the DD/any other accepted instrument, physically sent, should tally with the details available in the scanned copy and the data entered during bid submission time. Otherwise the uploaded bid will be rejected.
- 5) Bidders are requested to note that they should necessarily submit their financial bids in the format provided and no other format is acceptable. If the price bid has been given as a standard BoQ format with the tender document, then the same is to be downloaded and to be filled by all the bidders. Bidders are required to download the BoQ file, open it and complete the white coloured (unprotected) cells with their respective financial quotes and other details (such as name of the bidder). No other cells should be changed. Once the details have been completed, the bidder should save it and submit it online, without

changing the filename. If the BoQ file is found to be modified by the bidder, the bid will be rejected.

6) The server time (which is displayed on the bidders' dashboard) will be considered as the standard time for referencing the deadlines for submission of the bids by the bidders, opening of bids etc. The bidders should follow this time during bid submission.

7) All the documents being submitted by the bidders would be encrypted using PKI encryption techniques to ensure the secrecy of the data. The data entered cannot be viewed by unauthorized persons until the time of bid opening. The confidentiality of the bids is maintained using the secured Socket Layer 128 bit encryption technology. Data storage encryption of sensitive fields is done. Any bid document that is uploaded to the server is subjected to symmetric encryption using a system generated symmetric key. Further this key is subjected to asymmetric encryption using buyers/bid opener's public keys. Overall, the uploaded tender documents become readable only after the tender opening by the authorized bid openers.

8) The uploaded tender documents become readable only after the tender opening by the authorized bid openers.

9) Upon the successful and timely submission of bids (i.e. after Clicking "Freeze Bid Submission" in the portal), the portal will give a successful bid submission message & a bid summary will be displayed with the bid no. and the date & time of submission of the bid with all other relevant details.

10) The bid summary has to be printed and kept as an acknowledgement of the submission of the bid. This acknowledgement may be used as an entry pass for any bid opening meetings.

ASSISTANCE TO BIDDERS

1) Any queries relating to the tender document and the terms and conditions contained therein should be addressed to the Tender Inviting Authority for a tender or the relevant contact person indicated in the tender.

2) Any queries relating to the process of online bid submission or queries relating to CPP Portal in general may be directed to the 24x7 CPP Portal Helpdesk.

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ANNEXURE II**SPECIFICATION SHEET**

Item Number	Item Description	Qty	Unit
1	FRP GRATINGS TO PROVIDE ON N2 BULLETS NO.1,2,3,4,5 AND COOLING TOWER NO.1,2,3 AS PER THE ATTACHED DIMENSION SHEET AND SPECIFICATION SHEET Quantity mentioned in 'sqm' is approximate only. Item shall be supplied strictly as per the dimensions mentioned.	97	SQM

NOTE:

- QUOTATIONS SHALL BE SUBMITTED WITH MINIMUM DELIVERY PERIOD.
- LOAD TEST CERTIFICATE FOR MINIMUM LOAD OF 300KG/CM2
- DETAILED SPECIFICATION SHEET IS ATTACHED. PLEASE SEE TABLE 01 FOR DIMENSIONS
- CERTIFICATES AS PER THE DETAILED TECHNICAL SPECIFICATION SHEET ATTACHED
- THIS ITEM IS REQUIRED FOR ANNUAL SHUTDOWN WORKS. HENCE THE SUPPLIER SHOULD STRICTLY ADHERE TO THE DELIVERY PERIOD.

ANNEXURE - III**Eligibility criteria for participating in the bid.****Offers of bidders who satisfy the following Eligibility Criteria only will be considered .**

- a) The vendor shall be an established FRP grating supplier and having adequate Engineering, Manufacturing, testing and servicing facilities and shall furnish technical documents in proof for above requirements.
- b) The vendor shall have experience of having supplied FRP gratings as per the technical specification for boiler/refinery/SCR/Process plants or application of similar severity. Supply reference list with details of PO, PO date, customer name.
- c) The FRP grating offered shall be from the existing regular supply range of the vendor. Vendor shall provide the product catalogue.
- d) Proven track record is required. Minimum one end user certificate for the satisfactory operational performance of their product supplied or successfully executed two Pos for same item, meeting the subject technical specification requirement mentioned in the enquiry.
- e) In case of ordering, the Vendor shall have the responsibility for the following and same to be confirmed point wise.
 - i. Vendor should have the replacement responsibility in case of defect /failure.
 - ii. Experts from Vendor's side shall associate in commissioning activities at site, if required.
 - iii. Vendor should ensure the product performance during erection & commissioning and stand guarantee.

Vendor should provide documentary evidences for all the above along with the Technical Bid. HOCL registered vendors are exempted from furnishing above document as in point nos a to g. MSME vendors as well as starts ups are eligible for relaxation on condition of prior turn over and prior experience subject to meeting of quality and technical specifications

ANNEXURE - IV**GENERAL TERMS AND CONDITIONS FOR E BID SUBMISSION**

Please submit your e-bids conforming to the specifications and the terms and conditions attached as per instructions given below:-

1. HOCL has entered into an Agreement with NIC for e procurement through their portal www.eprocure.gov.in. Quotations shall be submitted online on or before the due date and time of closing the tender.
2. Bids shall be opened electronically on specified date and time given in NIT.
3. BOQ: Bidders are requested to note that they should necessarily submit their financial bids in the format provided and no other format is acceptable .If the price bid has been given as a standard BOQ format with the tender document, then the same is to be downloaded and to be filled by all the bidders. Bidders are required to download the BOQ file, open it and complete the white coloured (unprotected) cells with their respective financial quotes and other details (such as name of the bidder).No other cells should be changed. Once the details have been completed, the bidder should save it and submit it online, without changing the filename. If the BOQ file is found to be modified by the bidder, the bid will be rejected.
4. QUANTITY: Quantity given in the tender is based an estimate on maintenance work and actual quantity on order may vary slightly on either side. HOCL reserves the right to increase or decrease the quantity to be ordered up to 25 percent of bid quantity at the time of placement of contract.
5. The bid shall contain as integral part of the same the following compliance statement: "We have read, understood and accepted the terms and conditions of purchase and related documents forming part of this enquiry and agree to supply the goods in compliance with the same."
6. Bidders should carefully study the documents of this enquiry. All terms and conditions set out there in the enquiry shall be binding on the bidders unless conflicting with any terms and conditions expressly stated by HOCL while accepting any bid, in the event of such acceptance.
7. HOCL reserves the right, without assigning any reason whatsoever, to accept or reject any or all bids in part or in full or cancel this enquiry.
8. HOCL reserves the right to extend without giving any reason(s) the closing date/time of the enquiry.
9. Bids shall be valid for a minimum of 60 days from the due date for receipt and opening of the bids.
10. Specification of the Product: Specifications offered product shall be uploaded along with Bid.
11. Payment terms shall be: **Within 30 days from the date of receipt and acceptance of material at our site HOCL, Ambalamugal**
12. Delivery period must be clearly mentioned in your offer in the absence of which offer will be treated as on "Ex-stock basis". In case of delayed delivery a penalty of ½% of the price of the goods on arrears per week subject to a maximum of 5% will be levied.
13. Liquidated Damages: If the Seller/Service Provider fails to deliver any or all of the Goods/Services within the original/re-fixed delivery period(s) specified in the contract, the Buyer will be entitled to deduct/recover the Liquidated Damages for

the delay, unless covered under Force Majeure conditions aforesaid, @ 0.5% of the contract value of delayed quantity per week or part of the week of delayed period as pre-estimated damages not exceeding 5% of the contract value of delayed quantity without any controversy/dispute of any sort whatsoever.

14. Bids shall be submitted online. Tenders submitted other than through online procedure specified will not be accepted. Tenders should be free from overwriting or erasing. Corrections and additions, if any must be attested.
15. The NIT should contain the preferable delivery term as FOR Destination {to be delivered at HoCL}. In case bidders are offering material on Ex-works basis, financial loading may be considered on the basis of distance, as per following indicative rates (or any parameter to be defined in NIT):
 - i. upto 200 Km -1% of ex-works other than local purchase.
 - ii. 200-500 Km-2% of ex-works
 - iii. 500-1000 Km -3% of ex-works.
 - iv. 1000-1500 Km-4% of ex-works
 - v. More than 1500 Km -5% of ex-works

In case the firm quotes the exact amount of freight & P&F Charges, the same will be added in place of above percentage amount

16. The rate should always be indicated for the unit mentioned in the tender.
17. Prices shall be considered to be firm once the order is placed. If supply is not effected in time, risk purchase shall be carried out at the cost of the tenderer. Tenderer is also liable to be blacklisted in case of default.
18. Tenderer should agree for inspection of material at their site, if desired by HOCL. The inspection may be carried out by the representative of HOCL or by a third party or jointly.
19. The Tenderer must specify their GSTIN No& HSN code of material offered in the BID
20. The successful tenderer shall deposit, if so desired by HOCL, an amount equivalent to 5% of the value of order as security deposit within 21 days of the order towards satisfactory execution of the order. No interest will be paid on this amount by HOCL. If the bidders fails to submit the SD as per the tender terms the EMD shall be forfeited.
21. Supplier must extend the benefits to HOCL if there is any subsequent fall in price or if the same materials are offered to any other customer at lower price.
22. HOCL reserves the right to split the order between two or more suppliers and or reject any or all tenders without assigning any reason.
23. Transit Insurance will be arranged by HOCL.
24. Delivery will be as per delivery schedule given by HOCL.
25. Manufacturers test certificate in original or attested, guarantee certificates in original, drawings in original etc. as applicable shall be provided along with the supply.
26. Tenderer may attach necessary catalogues/drawings/detailed specifications of the items wherever required. Also clearly specify the make/model of the item offered.
27. Purchase preferences, EMD/SD Exemption etc for PSUs/SSI units etc will be applicable as per GOI directives from time to time. For this, the tenderer should claim their eligibility along with the supporting documents in their offer itself.
28. Quotations meeting our delivery terms, if any specified, will only be considered.
29. If the tenderer is deviating from any of the above terms mentioned, your offer is liable to be rejected.

30. Material is required urgently. hence vendors may please quote their minimum delivery period
31. **RIGHT TO REJECT A BID:** HOCL reserves the right to reject any bid due to reasons such as (a) Vendor not following above bidding procedures (b) Vendor not being technically acceptable to HOCL (c) Non submission of EMD payment details with the techno commercial bid or EMD paid being lesser than the stipulated amount (d) Vendor not agreeing with the general conditions of the tender. (e) Not enclosing any particular documents asked for (g) Any other valid reasons.
32. Notwithstanding anything stated above HOCL reserves the right, without assigning any reason whatsoever, to reject / Accept any or all bids or cancel / withdraw the invitation for bids without assigning any reason thereof and in such cases no bidder shall have any claim arising out of such action
33. **DISPUTES:** In the event of a contract being executed, all cases of disputes between seller and buyer shall be settled amicably between the parties through mutual discussion and failing that, such disputes, difference, questions or claims shall be settled through arbitration as per Indian arbitration and Conciliation act 1996 or any amendments from time to time. The seat of the Arbitration shall be at Kochi and decision of the arbitration shall be final and binding on both the parties.
34. **JURISDICTION:** All questions, disputes or differences arising under or in connection with this contract shall be subject to the exclusive jurisdiction of the courts in Ernakulam, Kerala, India only.
35. Risk Purchase: The delivery period is the essence of a contract. If the supplier fails to deliver the material within the period fixed for such delivery, the purchaser is entitled to cancel the contract and to purchase the material not so delivered at the risk and cost of the defaulting supplier.
36. PRICE: The price quoted shall be for delivery at our factory at Ambalamugal, Ernakulam District, Kerala state. The price quoted by the vendor shall remain firm during the period of contract.
37. **Restriction on procurement from Bidder who shares the 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 Department for promotion of Industry and Internal Trade (DPIIT). (Pl. refer office Memorandum no. 6/18/2019-PPD dated 23rd July 2020) Such bidders should submit the valid copy of registration certificate along with tender. However the said requirement of registration will not be applicable to bidders from those country to which Govt. of India has extended lines of credit or in which Govt. of India is engaged in development of projects. Bidders may appraise themselves of the updated lists of such countries available in the website of Ministry of External Affairs.
- b) All Bidders shall furnish compliance certificate with respect to above clause as per the format in Annexure V-E along with the bid

<u>ANNEXURE V-A</u>		
<u>COMMERCIAL TERM FORMAT</u>		
(Please fill up the details mentioned below in your letter head and upload along with your bid)		
Sl.No	DETAILS REQUIRED	
1	Name and Address of Organization	
2	Phone No	
3	GSTIN	
4	E-mail id for correspondence	
5	Contact Person Name and Mobile No	
6	Whether registered with MSME/NSIC (If so pl. enclose documentary proof):	
7	Validity of offer	
8	Delivery period	
9	Certificates provided along with supply	Yes/No
10	Deviation in specification ,if any	
I/We here by confirm that, I/We have not been blacklisted in the past by any Public Sector Undertakings/ Government organizations.		
<p style="text-align: center;"><u>Signature and Stamp</u></p>		

अनुबंध ANNEXURE V - B

(KINDLY FILL THIS SHEET AND SUBMIT IN -COMMERCIAL/TECHNICAL BID)

Name of Bidder:		
Sr. No.	Commercial Clauses	Bidder Confirmation (Please put ✓ in front of your confirmation)
1	Whether bidder (a proprietary concern, Partnership Firm, Company) is currently on holiday list/black list/de-listed or has been put on holiday/blacklisted/de-listed at any PSU/govt. Organization. If so, give details.	<input type="checkbox"/> Yes, We are on holiday List/Black List/De-List <input type="checkbox"/> No
2i	Whether the party is registered under Micro/Small/Medium Enterprises act 2006 (Please furnish the proof)	<input type="checkbox"/> Micro <input type="checkbox"/> Medium <input type="checkbox"/> Small <input type="checkbox"/> No
2-ii	Status of MSE Bidder	<input type="checkbox"/> Manufacturer <input type="checkbox"/> Services <input type="checkbox"/> Not Applicable
2-iii	Whether MSE bidder is offering product manufactured by him/her	<input type="checkbox"/> Yes <input type="checkbox"/> No
3i	All MSE bidders shall register / declare their UAM Number on CPP Portal and copy of this registration / declaration shall be attached with the offer; failing which such bidders will not be able to enjoy benefits as per PP Policy for MSME order, 2012. <u>SSI/MSME/NSIC/UAM /DIC registration certificate</u>	<input type="checkbox"/> Mention UAM Number <input type="checkbox"/> Not Applicable
3-ii	Submitted valid document against clause no 3i	<input type="checkbox"/> Submitted <input type="checkbox"/> Not Applicable
4i	Whether the proprietor of "MSME" enterprise is from SC/ST category (Please attach caste certificate issued by competent authority)	<input type="checkbox"/> Yes <input type="checkbox"/> No
4ii	Whether the proprietor of "MSME" enterprise is woman (i.e. Woman proprietorship, or holding minimum 51% shares in case of Partnership/Private Limited Companies)	<input type="checkbox"/> Yes <input type="checkbox"/> No
4iii	Submitted certificate against clause no 4ii	<input type="checkbox"/> Submitted <input type="checkbox"/> Not Applicable
5	AGREED TO ALL TERMS AND CONDITIONS OF ENQUIRY: It is hereby stated that the quotation/offer submitted is in full compliance with the documents issued against the enquiry and also further confirmed that there is no deviation from all the terms and conditions as per the enquiry. Non-acceptance or deviation to HOCL's standard terms and conditions mentioned in enquiry documents may lead to rejection of offer, no correspondence shall be done for clarifications	<input type="checkbox"/> Agreed <input type="checkbox"/> Not Agreed
DATE: SIGN AND STAMP OF BIDDER		

अनुबंध ANNEXURE V C

COMMERCIAL TERM FORMAT-C

ANNEXURE TO BE SUBMITTED ALONG WITH THE BID AGAINST TENDER NO _____

(KINDLY FILL AND SUBMIT ALONG WITH COMMERCIAL/TECHNICAL BID)

NAME OF BIDDER:

Sr.No.	COMMERCIAL CLAUSES	BIDDER CONFIRMATION (PLEASE PUT √)
1	Please mention whether you are a Class-I/Class II Local supplier.(Please see the definition given below)	Class I
		Class II
2	Specify the percentage (%) of local content.	_____ %
3	Details of location at which the local value addition is made.	
4	Mention whether the product offered is manufactured in India under a license from a foreign manufacturer who hold intellectual property rights and there is a technology collaboration agreement / Transfer of technology agreement	Yes / No

SELF DECLARATION OF LOCAL CONTENT

We hereby declare that the percentage (%) of local content specified against mentioned against Sr.No.2 is _____%. We also understand that submitting False self-declarations and auditors will be in breach of 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 the Rule 151 (iii) of the General. Financial Rules along with such other actions as may be permissible under Law.

Definitions

Local Content: - The amount of value added in India(Total value of item procured minus the value of imported content in the item(including all customs duties) as a proportion of total value, in percentage.

Class I Local Supplier: - Supplier or service provider whose goods, services or works offered for procurement has local content equal to or more than 50%.

Class II Local Supplier: - Supplier or service provider whose goods, services or works offered for procurement has local content more than 20% but less than 50 %.

Purchase Preference: -Will be as per the applicable Government order.

DATE

SIGNATURE AND STAMP

BID SECURITY DECLARATION

ANNEXURE TO BE SUBMITTED ALONG WITH THE BID AGAINST TENDER NO _____

I/We.....hereby declare that:

- 1.** I will not revoke the tender within the stipulated period/ validity period OR increase the quoted rates.
- 2.** I will commence the work on receipt of Purchase Order.
- 3.** I will not withdraw or amend the tender or impair or derogate from the tender in any respect within the period of validity of the tender.
- 4.** I will furnish the required performance security within the specified period.

NAME AND ADDRESS OF THE BIDDER

PLACE:

DATE:

SIGNATURE AND STAMP OF THE BIDDER

Annexure-V- E

REF : TENDER/RFQ No.: MAT/PUR/33262/24/SD98 dtd.12.03.2024

COMPLIANCE TO CLAUSE W.R.T MANADATORY REGISTRATION OF VENDORS FROM COUNTRIES SHARING LAND BORDER WITH INDIA,WITH DPIIT

Date:

TO WHOMSOEVER IT MAY CONCERNS

"I have read The clause titled restrictions on procurement from a bidder of a country which shares a land border with India.

I certify that M/s.....(Name Bidder) is not from such a country

Or .

I hereby certify that M/s.....(name of Bidder) is from a country which shares land border with India and fulfills all requirements in this regard and is eligible to be considered. Enclosed herewith Valid Registration Certificate

Or

I hereby certify that M/s..... (Name of Bidder) is from such a country which shares land border with India , however the said requirement of registration will not be applicable to bidders as Govt. of India has extended lines of credit or in which Govt. of India is engaged in development of projects. Enclosed herewith documentary evidence in this regards

We confirm that if it is established that we have provided any false information in pursuance to above clause, while competing for this contract then our Bid shall be rejected.

We further confirms that, if it is established that we have not complied with terms of aforesaid clause, during execution of contract, this would be a sufficient ground for immediate termination of the contract as per tender provision and shall be dealt accordingly

Name of the Bidder

Stamp & Signature of the Bidder

CHECKLIST

The bidder should submit the following certificates / documents along with the technical bid. **HOCL reserves the right to reject the technical bids without the following documents:**

1. Eligibility criteria supporting documents as per Annexure III
2. Duly filled, signed and sealed copies of Annexure IV (GTC), Annexure V A, B & C (Commercial terms).
3. Duly filled, signed and sealed copies of Annexure V-D – Bid Security Declaration
4. Duly filled, signed and sealed copies of Annexure V-E - compliance to clause w.r.t mandatory registration of vendors from countries sharing land border with india,with DPIIT
5. Technical Specification sheets duly signed and sealed (Annexure II)
6. Detailed technical specifications / Catalog & data sheets of the quoted product
7. OEM / Authorization Certificates, if applicable
8. Deviation statement, if any

PLEASE NOTE THAT THE BIDDERS HAS TO ENSURE THAT THEY HAVE SUBMITTED ALL THE ABOVE DOCUMENTS FAILING WHICH THEIR QUOTATION SHALL BE REJECTED WITHOUT ANY FURTHER CLARIFICATIONS

Stamp & Signature of the Bidder

Name of the Bidder

**FRP (PULTRUDED TYPE FIBER REINFORCED PLASTIC) GRATINGS AS PER
HOCL SPECIFICATION**

FOLLOWING ARE THE TECHNICAL DOCUMENTS

TECHNICAL DETAILS:

MODULE SIZE & QTY: AS PER THE SIZE CHART
MENTIONED IN TABLE 01

THICKNESS: 50 MM

CAPABLE TO WITH STAND LOAD: 300 KG/SQM.

LOAD BEARING LENGTH FOR GRATING (AVL.): 50 mm

SUPPLIED FRP GRATING SHALL MEET ABOVE TECHNICAL REQUIREMENT WITH
ANTI SKID PROPERTIES.

FRP GRATING SHALL BE DESIGNED AND SUPPLIED IN SUCH A WAY THAT IT CAN
BE HANDLED EASILY DURING ASSEMBLY AND DISASSEMBLY.

VENDOR TO PROVIDE THE NECESSARY FITTINGS AND FASTENERS

VENDOR TO PROVIDE:

1. MATERIAL TEST CERTIFICATE AND LOAD TEST REPORT.
2. PERFORMANCE TEST CERTIFICATE FOR INTENDED DUTY CONDITION.
3. VENDOR QUALITY PLAN SHALL BE SUBMITTED
4. THE VENDOR SHALL SUBMIT ALL THE SUPPORTING DOCUMENTS FOR
OUR PO REQUIREMENT.
5. ALL THE DOCUMENTS SHALL BE SUBMITTED AS PER OUR
SPECIFICATION REQUIREMENT.
6. VENDOR SHALL OFFER GUARANTEE FOR THE PRODUCTS SUPPLIED FOR
18 months from the date on which the equipment / system is put into
use (by the end user) or 24 months from the date of supply whichever
is earlier.

HINDUSTAN ORGANIC CHEMICALS LIMITED

AMBALAMUGAL-682 302



Title Sheet

Technical Purchase Specification for
FRP GRATINGS

Specification No.: **HOCL : 024**

Revision No.: 01



Specification for FRP GRATINGS

HOCL : 024
Rev : 01

1.0 Intent of specification

1.1 Scope

- This specification defines the minimum requirements for the design, manufacture, testing, preparation for shipment and delivery of materials, engineering documentation, technical direction for construction/installation for Fiberglass Reinforced Plastic (FRP) Grating, their auxiliaries and other accessories. The bidder is solely responsible for correct design, engineering, construction and installation of this scope of supply.
- In the event of conflicts between codes, standards, this specification and the customer specifications (if applicable), the more stringent requirements shall apply and the conflict between these shall be submitted to HOCL in writing. Bidder shall comply with all customer specifications (if applicable) unless HOCL approves the exceptions requested by bidder in writing.
- No deviation or exception from this specification shall be permitted without the written approval of HOCL. Intended deviations shall be separately listed by the bidder and supported by reasons for consideration of HOCL.
- Compliance with this specification shall not relieve the bidder of the responsibility of furnishing equipment and accessories of proper design, materials and workmanship to meet the specified operating conditions.
- The supplier scope shall involve the supply of FRP Gratings along with necessary fittings and fasteners, if any, for the purpose of proper flooring of the FRP grating.

1.2 Intended application of the FRP gratings

- FRP Gratings shall be used as permanent flooring to place inside cooling tower at a height of around 12 mtr to ensure a safe and trouble free movement of person for maintenance of Cooling tower fan assembly inside the cooling tower.

2.0 Special Requirements

- 2.1. Supplied FRP Gratings shall be used as permanent flooring purpose inside the cooling tower.
- 2.2. The design of FRP grating shall be such that it can be easily dismantled and fixed again.
- 2.3. The FRP gratings shall be of light weight.
- 2.4. Supply of FRP gratings shall meet BS 4592-4:2006 or any other equivalent international standard.
- 2.5. FRP gratings shall be tested as per ASTM E-84.



3.0 General Requirements

- 3.1. FRP Gratings shall be capable of withstanding a minimum rated load of 300 kg/sq. m. The load bearing length for the grating shall be 50 mm. Bidder shall refer to Sketch 01 in this regard.
- 3.2. The gratings shall be anti-skid to prevent skidding of personnel while working. For this purpose, the grating shall be manufactured with an integrally applied grit to the top surface of each bar providing maximum slip resistance.
- 3.3. The offered FRP gratings shall be of pultruded type of size "**X**" mm & "**Y**" mm and shall be possible to easily cut to suit required size. Bidder shall refer to attached table in this regard.
- 3.4. The depth of the grating shall be of 50 mm and the bearer bar pitch shall be less than or equal to 50 mm. Bidder shall refer to Sketch 01 in this regard.
- 3.5. The gratings shall be capable of easy dismantling and reassembling.
- 3.6. All finished surfaces of FRP items and fabrications shall be smooth, resin-rich, free of voids and without dry spots, cracks, crazes or unreinforced areas. All FRP fibres shall be well covered with resin to protect against their exposure due to wear or weathering.
- 3.7. Suitable fasteners (like M-clip with fasteners as shown in Sketch 02) shall be provided by the vendor to attach the FRP gratings to the angle to ensure proper locking of the gratings. A typical representation of the FRP gratings is shown in Sketch 01.

4.0 Inspection and Delivery

- 4.1. All test certificates shall be furnished for HOCL's reference and records.
- 4.2. Load test report to be provided
- 4.3. The certificates and documents generated during inspection of above shall be furnished.
- 4.4. Manufactured materials shall be delivered in original, unbroken pallets, packages, containers, or bundles

5.0 Guarantee

- 5.1. The offered system shall be guaranteed for 18 months from the date on which the equipment / system is put into use (by the end user) or 24 months from the date of supply whichever is earlier.

6.0 Documents to be submitted by the bidder along with offer

- 6.1. Along with the offer, the bidder shall submit a signed copy of this technical specification adhering to all clauses of the specification failing which the bidder will not be evaluated.
- 6.2. The quality plan for the product under supply shall be furnished along with the offer.
- 6.3. Bidder to provide calculations to justify the load bearing capacity of the grating.
- 6.4. Bidder shall furnish the testing procedure for load testing in line with any international standard meeting the technical requirements.
- 6.5. GA drawing of the offered FRP grating indicating the overall size, mesh size and thickness shall be submitted along with the offer.
- 6.6. Bidder shall indicate the value of maximum deflection of the FRP grating while bearing the load.

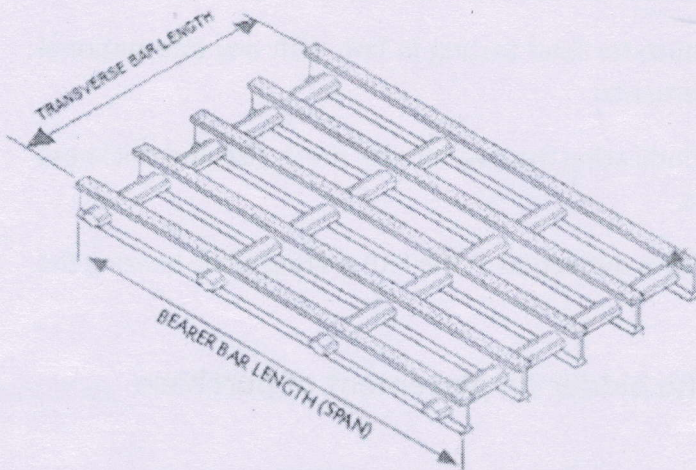
7.0 Documents to be submitted by the bidder on placement of purchase order

- 7.1. All documents submitted during the tendering stage, shall be resubmitted for HOCL's approval.
- 7.2. O&M Manual (detailing the operation and maintenance procedures) and Instruction Manual (detailing the Dos and Don'ts) of the equipment shall be provided.
- 7.3. Vendor shall furnish a write-up on preservation of the grating when not in use.
- 7.4. A safety compliance certificate for the components from the safety steward of the country of make shall be provided.
- 7.5. Test certificate for the following shall be furnished:
 - 7.5.1. Material test certificate for all the major components.
 - 7.5.2. Shop test certificates of load testing.
 - 7.5.3. Performance test certificate for the intended duty conditions

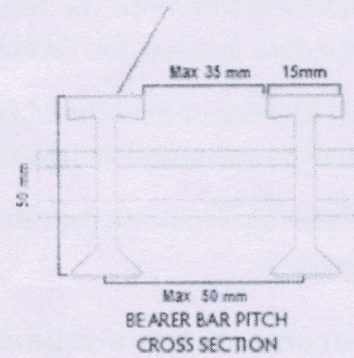


Specification for FRP GRATINGS

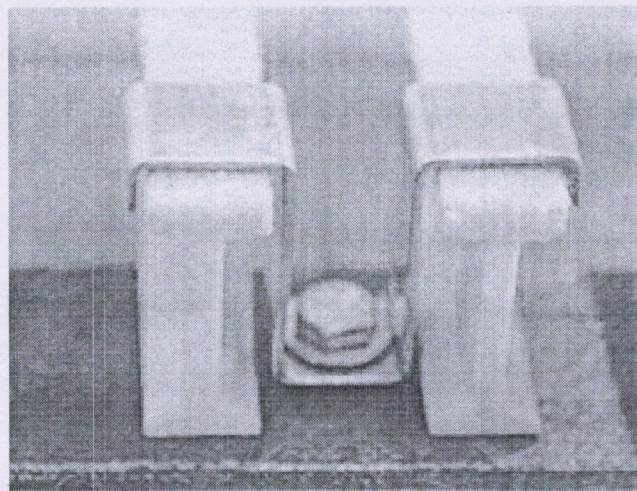
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FASTENERS IN VENDOR SCOPE
TYPICAL SHOWN IN FIG. 2



Sketch 01 A typical representation of FRP Grating details and its Assembly



Sketch 02 A typical fastener (M clip)

Table 01

Sl No.	Size Chart	Quantity	Total Quantity in m2	Areas
1	X = 2035, Y = 1090 mm	1 No.	100 m2	N2 Bullet No.1,2,3,4,5
2	X = 2000, Y = 1090 mm	4 Nos.		
3	X = 2000, Y = 1150 mm	3 Nos.		
4	X = 2000, Y = 1750 mm	1 Nos.		
5	X = 1955, Y = 1090 mm	1 No.		
6	X = 1795, Y = 1090 mm	1 No.		
7	X = 1780, Y = 1150 mm	1 No.		
8	X = 1760, Y = 1150 mm	4 Nos.		
9	X = 1750, Y = 1090 mm	13 Nos.		
10	X = 1750, Y = 1150 mm	2 Nos.		
11	X = 1745, Y = 1150 mm	3 Nos.		
12	X = 1745, Y = 1745 mm	1 Nos.		
13	X = 1730, Y = 1150 mm	2 Nos.		
14	X = 3250, Y = 1460 mm	4 Nos.		Cooling Tower No. 1,2,3

As per the sketch 01, bearer bar length (span) = X & transverse bar length = Y

Technical Pre-Qualification Requirement (PQR) for FRP grating

1. The vendor shall be an established **FRP grating** supplier and having adequate Engineering, Manufacturing, testing and servicing facilities and shall furnish technical backup documents in proof for above requirements.
2. The vendor shall have experience of having supplied **FRP grating** as per the technical specification for boiler/refinery/SCR/Process plants or application of similar severity. Supply reference list with details of PO, PO date, customer name.
3. The **FRP grating** offered shall be from the existing regular supply range of the vendor. Vendor shall provide the product catalogue.
4. Proven track record is required. Minimum One end user certificate for the satisfactory operational performance of their product supplied or successfully executed two POs for same item, meeting the subject technical specification requirement mentioned in the enquiry.
5. In case of ordering, the Vendor shall have the responsibility for the following and same to be confirmed point wise.
 - i) Vendor should have the replacement responsibility in case of defect / failure.
 - ii) Experts from Vendor's side shall associate in commissioning activities at site, if required.
 - iii) Vendor should ensure the product performance during erection & commissioning and stand guarantee.
6. Backup document checklist to meet PQR:

S. No	Document description	Check list
1	Documents to meet clause(1)	<input type="checkbox"/>
2	Supply reference document (General reference list) to meet clause (2)	<input type="checkbox"/>
3	Product Catalogues to meet clause (3)	<input type="checkbox"/>
4	Min. one end user certificate (or) Two POs to meet clause (4)	<input type="checkbox"/>
5	Confirmation to clause meet clause (5)	<input type="checkbox"/>