बिड संख्या/Bid Number: GEM/2026/B/8176468

दिनांक /Dated: 22-10-2026

बिड दस्तावेज़ / Bid Document

बिड विवरण/Bid Details	
बिड बंद होने की तारीख/समय /Bid End Date/Time	05-11-2026 16:00:00
बिड खुलने की तारीख/समय /Bid Opening Date/Time	06-11-2026 16:00:00
बिड पेशकश वैधता (बंद होने की तारीख से)/Bid Offer Validity (From End Date)	90 (Days)
मंत्रालय/राज्य का नाम/Ministry/State Name	Ministry Of Steel
विभाग का नाम/Department Name	Steel Authority Of India Limited
संगठन का नाम/Organisation Name	Rourkela Steel Plant
कार्यालय का नाम/Office Name	Materials Management Purchase
शिकायत निवारण के संपर्क विवरण/ Contact details of Grievance redressal	HOD Email id :hod1.sail.rourkela@gembuyer.in Buyer Email id: omkar.mohanty@sail.in
कुल मात्रा/Total Quantity	1
वस्तु श्रेणी /Item Category	SUPPLY AND CHEMICAL DOSING OF WATER TREATMENT CHEMICALS AT CASTER-IV&LHF2D FOR 1 YEAR
GeMARPTS में खोजी गई स्ट्रिंग्स / Searched Strings used in GeMARPTS	SUPPLY AND CHEMICAL DOSING OF WATER TREATMENT CHEMICALS AT CASTER-IV&LHF2D FOR 1 YEAR
GeMARPTS में खोजा गया परिणाम / Searched Result generated in GeMARPTS	Alumino - Ferric (V2) Conforming to IS 299
अधिसूचना के लिए चयनित प्रासंगिक श्रेणियाँ / Relevant Categories selected for notification	• Algaecides and Biocide for Cooling Water treatment • Corrosion Inhibitors for Cooling Water treatment • Scale Inhibitors for Cooling Water treatment
एमएसएमई के लिए अनुभव के वर्षों और टर्नओवर से छूट प्रदान की गई है/MSE Relaxation for Years of Experience and Turnover	No
स्टार्टअप के लिए अनुभव के वर्षों और टर्नओवर से छूट प्रदान की गई है /Startup Relaxation for Years of Experience and Turnover	No
विक्रेता से मांगे गए दस्तावेज़/Document required from seller	Experience Criteria,Bidder Turnover,Certificate (Requested in ATC),OEM Authorization Certificate,Compliance of BoQ specification and supporting document *In case any bidder is seeking exemption from Experience / Turnover Criteria, the supporting documents to prove his eligibility for exemption must be uploaded for evaluation by the buyer

बिड विवरण/Bid Details	
क्या आप निविदाकारों द्वारा अपलोड किए गए दस्तावेज़ों को निविदा में भाग लेने वाले सभी निविदाकारों को दिखाना चाहते हैं? संदर्भ मेनू है/Do you want to show documents uploaded by bidders to all bidders participated in bid?	No
बिड लगाने की समय सीमा स्वतः नहीं बढ़ाने के लिए आवश्यक बिड की संख्या। / Minimum number of bids required to disable automatic bid extension	3
दिनों की संख्या, जिनके लिए बिड लगाने की समय-सीमा बढ़ाई जाएगी। / Number of days for which Bid would be auto-extended	7
ऑटो एक्सटेंशन अधिकतम कितनी बार किया जाना है। / Number of Auto Extension count	1
बिड से रिवर्स नीलामी सक्रिय किया/Bid to RA enabled	Yes
रिवर्स नीलामी योग्यता नियम/RA Qualification Rule	H1-Highest Priced Bid Elimination
क्रेता के लिए उपलब्ध आईटीसी/ITC available to buyer	Yes
बिड का प्रकार/Type of Bid	Two Packet Bid
तकनीकी मूल्यांकन के दौरान तकनीकी स्पष्टीकरण हेतु अनुमत समय /Time allowed for Technical Clarifications during technical evaluation	3 Days
निरीक्षण आवश्यक (सूचीबद्ध निरीक्षण प्राधिकरण /जेम के साथ पूर्व पंजीकृत एजेंसियों द्वारा)/Inspection Required (By Empanelled Inspection Authority / Agencies pre-registered with GeM)	No
Payment Timelines	Payments shall be made to the Seller within **30** days of issue of consignee receipt-cum-acceptance certificate (CRAC) and on-line submission of bills (This is in supersession of 10 days time as provided in clause 12 of GeM GTC)
मूल्यांकन पद्धति/Evaluation Method	Total value wise evaluation
मध्यस्थता खंड/Arbitration Clause	No
सुलह खंड/Mediation Clause	No

ईएमडी विवरण/EMD Detail

आवश्यकता/Required	No

ईपीबीजी विवरण /ePBG Detail

आवश्यकता/Required	No

बोली विभाजन लागू नहीं किया गया/ Bid splitting not applied.

एमआईआई खरीद वरीयता / MII Purchase Preference

एमआईआई खरीद वरीयता / MII Purchase Preference	Yes
मेक इन इंडिया विक्रेताओं को खरीद में प्राथमिकता, यदि उनका मूल्य L1+X% तक की सीमा में है / Purchase Preference to MII sellers availabele upto price within L1+X%	20
मेक इन इंडिया खरीद में प्राथमिकता के लिए बिड की मात्रा का अधिकतम प्रतिशत / Maximum Percentage of Bid quantity for MII purchase preference	50
सार्वजनिक खरीद (मेक-इन-इंडिया को प्राथमिकता) आदेश 2017 के अनुसार केवल क्लास 1/क्लास 2 के स्थानीय आपूर्तिकर्ताओं को ही भागीदारी की अनुमति है दिनांक 16.09.2020 (समय-समय पर संशोधित एवं लागू) / Allow participation only from Class 1/Class 2 local suppliers as per the Public procurement(Preference to Make-in-india) order 2017 date 16.09.2020(as amended and applicable time to time)	Yes, in compliance with the MII ORDER : DPIIT Order(as amended and applicable time to time)

एमएसई खरीद वरीयता/MSE Purchase Preference

एमएसई खरीद वरीयता/MSE Purchase Preference	Yes
सूक्ष्म और लघु उद्यम मूल उपकरण निर्माताओं/सेवा प्रदाता को खरीद में प्राथमिकता, यदि उनका मूल्य L1+X% / Purchase Preference to MSE OEMs/ Service Provider available upto price within L1+X%	15
सूक्ष्म और लघु उद्यम मूल उपकरण निर्माता/सेवा प्रदाता को खरीद में प्राथमिकता के लिए बिड की मात्रा का अधिकतम प्रतिशत / Percentage of Bid quantity/amount for MSE OEMs/ Service Provider Purchase preference	25

ट्रेड्स भुगतान संबंधी विवरण/TReDS Payment Details

This Bid provides for Trade Receivables Discounting System (TReDS) as Preferred mode of payment. For MSME sellers, payments may be processed through a TReDS exchange in which the Buyer is registered, subject to applicable policy and regulatory guidelines. Accordingly, sellers intending to avail payment through TReDS are required to be registered with at least one TReDS exchange in which the buyer is registered.

1. Preference to Make In India products (For bids < 200 Crore):Preference shall be given to Class 1 local supplier

as defined in public procurement (Preference to Make in India), Order 2017 as amended from time to time and its subsequent Orders/Notifications issued by concerned Nodal Ministry for specific Goods/Products. The minimum local content to qualify as a Class 1 local supplier is denoted in the bid document. If the bidder wants to avail the Purchase preference, the bidder must upload a certificate from the OEM regarding the percentage of the local content and the details of locations at which the local value addition is made along with their bid, failing which no purchase preference shall be granted. In case the bid value is more than Rs 10 Crore, the declaration relating to percentage of local content shall be certified by the statutory auditor or cost auditor, if the OEM is a company and by a practicing cost accountant or a chartered accountant for OEMs other than companies as per the Public Procurement (preference to Make-in -India) order 2017 dated 04.06.2020. Only Class-I and Class-II Local suppliers as per MII order dated 4.6.2020 will be eligible to bid. Non - Local suppliers as per MII order dated 04.06.2020 are not eligible to participate. However, eligible micro and small enterprises will be allowed to participate .The buyers are advised to refer the OM No.F.1/4/2021-PPD dated 18.05.2023.
OM_No.1_4_2021_PPD_dated_18.05.2023 for compliance of Concurrent application of Public Procurement Policy for Micro and Small Enterprises Order, 2012 and Public Procurement (Preference to Make in India) Order, 2017 and its subsequent Orders/Notifications issued by concerned Ministry .Benefits of MSE will be allowed only if seller/service provider is validated on-line in GeM profile as well as validated and approved by Buyer after evaluation of documents submitted.

2. **Purchase preference to Micro and Small Enterprises (MSEs):** Purchase preference will be given to MSEs having valid Udyam Certificate and whose credentials are validated online through Udyam Registration portal as defined in Public Procurement Policy for Micro and Small Enterprises (MSEs) Order, 2012 dated 23.03.2012 issued by Ministry of Micro, Small and Medium Enterprises and its subsequent Orders/Notifications issued by concerned Ministry. If the bidder wants to avail themselves of the Purchase preference, the bidder must be the manufacturer / OEM of the offered product on GeM. In respect of bid for Services, the bidder must be the Service provider of the offered Service. Traders are excluded from the purview of Public Procurement Policy for Micro and Small Enterprises and hence resellers offering products manufactured by some other OEM are not eligible for any purchase preference. Relevant documentary evidence in this regard shall be uploaded along with the bid in respect of the offered product or service, and Buyer will decide eligibility for purchase preference based on documentary evidence submitted in case of product bids, whereas in case of services the eligibility is automatically validated. If L-1 is not an MSE and MSE Seller (s) has / have quoted price within L-1+ 15% (Selected by Buyer) of margin of purchase preference /price band defined in relevant policy, such MSE Seller shall be given opportunity to match L-1 price and contract will be awarded for 25% (selected by Buyer) percentage of total quantity. The buyers are advised to refer the OM_No.1_4_2021_PPD_dated_18.05.2023 for compliance of Concurrent application of Public Procurement Policy for Micro and Small Enterprises Order, 2012 and Public Procurement (Preference to Make in India) Order, 2017. Benefits of MSE will be allowed only if seller is validated on-line in GeM profile as well as validated and approved by Buyer after evaluation of documents submitted.

3. Reverse Auction would be conducted amongst all the technically qualified bidders except the Highest quoting bidder. The technically qualified Highest Quoting bidder will not be allowed to participate in RA. However, H-1 will also be allowed to participate in RA in following cases:

i. If number of technically qualified bidders are only 2 or 3.
ii. If Buyer has chosen to split the bid amongst N sellers, and H1 bid is coming within N.
iii. In case Primary product of only one OEM is left in contention for participation in RA on elimination of H-1.
iv. If L-1 is non-MSE and H-1 is eligible MSE and H-1 price is coming within price band of 15% of Non-MSE L-1
v. If L-1 is non-MII and H-1 is eligible MII and H-1 price is coming within price band of 20% of Non-MII L-1

If the buyer has mentioned MSE purchase preference in ATC then service provider is required to upload necessary documents for MSE purchase preference for verification by the buyer during evaluation.

SUPPLY AND CHEMICAL DOSING OF WATER TREATMENT CHEMICALS AT CASTER-IV&LHF2D FOR 1 YEAR (1 set)

(क्रमशः श्रेणी 1 और श्रेणी 2 के स्थानीय आपूर्तिकर्ता के रूप में अर्हता प्राप्त करने के लिए आवश्यक/Minimum 50% and 20% Local Content required for qualifying as Class 1 and Class 2 Local Supplier respectively)

तकनीकी विशिष्टियाँ /Technical Specifications

क्रेता विशिष्टि दस्तावेज़ /Buyer Specification Document	Download

इनपुट कर क्रेडिट(आईटीसी) तथा रिवर्स प्रभार (आरसीएम)/Input Tax Credit(ITC) and Reverse Charge(RCM) Details

जीएसटी पर इनपुट कर क्रेडिट /ITC on GST	जीएसटी उपकर कर क्रेडिट /ITC on GST Cess
100%	NA

परेषिती/रिपोर्टिंग अधिकारी तथा मात्रा/Consignees/Reporting Officer and Quantity

क्र.सं./S.No.	परेषिती/रिपोर्टिंग अधिकारी /Consignee Reporting/Officer	पता/Address	मात्रा /Quantity	डिलीवरी के दिन/Delivery Days
1	Subodha Pattnaik	769011,Office of GM I/c Stores & Inspection, Rourkela Steel Plant, Rourkela	1	380

क्रेता द्वारा जोड़ी गई बिड की विशेष शर्तें/Buyer Added Bid Specific Terms and Conditions

1. **Generic**

   Supplier shall ensure that the Invoice is raised in the name of Consignee with GSTIN of Consignee only.

2. **Generic**

   OPTION CLAUSE: The Purchaser 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. The purchaser also reserves the right to increase the ordered quantity up to 25% of the contracted quantity during the currency of the contract at the contracted rates. The delivery period of quantity shall commence from the last date of original delivery order and in cases where option clause is exercised during the extended delivery period the additional time shall commence from the last date of extended delivery period. The additional delivery time shall be (Increased quantity ÷ Original quantity) × Original delivery period (in days), subject to minimum of 30 days. If the original delivery period is less than 30 days, the additional time equals the original delivery period. The Purchaser may extend this calculated delivery duration up to the original delivery period while exercising the option clause. Bidders must comply with these terms.

3. **Buyer Added Bid Specific ATC**

   Buyer Added text based ATC clauses

   THIS BID IS FOR THE SUPPLY & DOSING OF WATER TREATMENT CHEMICALS (WTCs) AT CASTER-IV & LHF2D OF SAIL - RSP, FOR 1 YEAR.

   THE ABOVE CIRCUIT CONSISTS OF THE FOLLOWING WATER SYSTEMS:-

(1) CHEM WATER,AUX/HEX SEC CIRCUIT,CASTER-4 (Item 10 – Code: 70410400080697)

(2) CHEMICAL WATER,SOFT WATER CIRCUIT LHF 2D (Item 20 – Code: 70410400080698)

(3) CHEM WATER,MOULD & M/C COOLING WS,CSTR-4 (Item 30 – Code: 70410400080699)

(4) CHEMICAL,SPRAY COOLING WATER SYST,CSTR-4 (Item 40 – Code: 70410400080700)

Bidders are required to quote chemicals & dosing plan considering all the above water systems. Sy stem details as per the above attached specification document.

(I) ELIGIBILTY CRITERIA

FOR CONSIDERATION OF OFFER, THE BIDDER MUST HAVE EXPERIENCE IN THE FOLLOWING:-

(A) EXECUTING SUPPLY AND DOSING OF WATER TREATMENT CHEMICALS IN SPRAY COOLING WAT ER CIRCUIT OF SMS CASTER AND SOFT WATER/ DM WATER COOLING CIRCUIT OF STEEL MELTING SHOP IN ANY INTEGRATED STEEL PLANT HAVING

MINIMUM CAPACITY OF 2.0 MTPA FOR A MINIMUM PERIOD OF 1 YEAR.

DOCUMENTARY EVIDENCE IN THE FORM OF SELF ATTESTED ORDER COPIES AND JOB COMPLETION CERTIFICATES ARE TO BE SUBMITTED IN SUPPORT OF THE ELIGIBILITY.

(B) VALUE OF THE CONTRACT EXECUTED FOR THE ABOVE WORK MUST BE EITHER OF THE FOLLO WING:

(i) ONE SIMILAR COMPLETED WORK COSTING MINIMUM RS. 72.57 LAKHS/YEAR

(OR)

(ii) TWO SIMILAR COMPLETED WORKS COSTING MINIMUM RS. 45.36 LAKHS/YEAR EACH

(OR)

(iii) THREE SIMILAR COMPLETED WORKS COSTING MINIMUM RS. 36.28 LAKHS/YEAR EACH.

SIMILAR CONTRACT MEANS CONTRACTS EXECUTED IN SPRAY COOLING WATER CIRCUIT OF SMS C ASTER SOFT WATER/ DM WATER COOLING CIRCUIT OF STEEL MELTING SHOP IN ANY INTEGRATED STEEL PLANT HAVING MINIMUM CAPACITY OF 2.0 MTPA FOR A MINIMUM PERIOD OF 1 YEAR.

(C) THE TENDERER MUST HAVE AN AVERAGE ANNUAL TURNOVER OF MINIMUM RS. 27.21 LAKHS I N THE LAST THREE (03) CONSECUTIVE FINANCIAL YEARS ENDING ON 31/03/2025 AND SHOULD SU BMIT DOCUMENTS IN SUPPORT OF THIS. THE TURNOVER CERTIFICATE MUST BE CERTIFIED BY A P RACTISING CHARTERED ACCOUNTANT WITH A VALID UDIN.

(II) SPECIAL TERMS & CONDITIONS

1) THIS ENQUIRY IS FOR PROCUREMENT OF WATER TREATMENT CHEMICALS AND ITS DOSING AT S ITE. HENCE THE VENDOR MUST AQUAINT ONESELF WITH THE SITE BEFORE BIDDING. THE VENDOR SHOULD SUBMIT THE OFFER FOR SUPPLY OF CHEMICALS AND DOSING OF THE SAME AT SITE.

2) ORDER WILL BE PLACED FOR PRODUCTS AND QUANTITIES AS QUOTED FOR A TREATMENT PERI OD OF 12 MONTHS.

HOWEVER, INCASE OF DELAY IN FINALIZATION OF NEXT PURCHASE ORDER, THE VENDOR SHALL B E REQUIRED TO SUPPLY AND DOSE AN ADDITIONAL QUANTITY OF 50% (6 MONTHS), WITH SAME R ATES, TERMS AND CONDITIONS. PAYMENT WILL BE MADE FOR THIS ADDITIONAL QUANTITY. QUAN TITY EXTENSION, IF REQUIRED, WILL BE DONE THROUGH RSP'S BACK-UP PURCHASE ORDER.

3) THE TENTATIVE MAKE UP WATER QUALITY FOR THE INDENTED WATER CIRCUITS IS

MENTIONED BELOW:-

Sl. No.	Parameter	Unit	Value
1	pH	Nil	6.98–7.8
2	Total Dissolved Solids	mg/L	<240
3	Electrical Conductivity	µS/cm	<382
4	TSS	mg/L	<10

5	Total Alkalinity	mg/L	<70
6	Calcium hardness	mg/L	<75
7	Magnesium hardness	mg/L	<50
8	Chloride as Cl	mg/L	<30
9	Sulphate as SO4	mg/L	<80
10	Fluoride as F	mg/L	<1.5
11	Ammonia as NH3	mg/L	<15.5
12	Iron as Fe	mg/L	<0.2
13	COD	mg/L	<80
14	BOD (3 Days at 27 °C)	mg/L	<18
15	Cyanide	mg/L	<0.02
16	Phenol	mg/L	<0.03
17	Total Oil & Grease	mg/L	<0.2

MAKE UP WATER QUALITY (RSN 18.01.01.01) MENTIONED AGAINST THE WATER CIRCUIT IS TO BE IGNORED. BEFORE SUBMITTING THE OFFER VENDOR HAS TO VISIT THE SITE AND TEST THE MAKE UP WATER SAMPLE AND FINALIZE THE MAKE UP WATER QUALITY BY DISCUSSING WITH THE RSP AUTHORITIES.

4) PAYMENT TERMS: 25% AGAINST GARN AND 75% PERFORMANCE BASED . THE PERFORMANCE BASED PAYMENT WILL BE MADE AGAINST 45 DAYS PERFORMANCE REPORT RECEIVED FROM USER. PAYMENT NOTES WILL BE SENT TO F&A.

5) THE VENDOR HAS TO START THE TREATMENT WITHIN 15 DAYS OF PLACEMENT OF GeM CONTRACT AND SITE AVAILABILITY OR AS PER THE INSTRUCTION OF THE USER DEPARTMENT, WHICH EVER IS LATER.

6) FORMULATIONS OFFERED SHALL BE PREFERABLY IN LIQUID FORM, BIO-DEGRADABLE & STABLE AT HIGH TEMPERATURES.

7) IN CASE OF FAILURE OF TREATMENT, THE ORDER WILL BE CLOSED AT SUPPLIER'S RISK & COST. NON-ACHIEVEMENT OF GUARANTEED PARAMETERS AND NON-DOSING OF CHEMICALS AFTER SITE AVAILABILITY WILL BE CONSIDERED AS FAILURE OF TREATMENT.

8) THE VENDOR HAS TO SUPPLY MATERIAL TO MAINTAIN STOCK OF 45 DAYS TREATMENT PERIOD OTHER THAN THE STOCK AVAILABLE AT SITE FOR DOSING TO AVOID DISCONTINUITY OF TREATMENT.

9) THE PRICES SHALL BE COMPARED FOR THE COMPLETE WATER SYSTEM OF THIS BID.

10) OFFERS WILL BE EVALUATED ON OVERALL L-1 BASIS.

11) THE BIDDER MUST INDICATE IN TABULAR FORM, THE DOSAGE RATE, BASIS OF CALCULATION, PASSIVATION QUANTITY, PLACE OF DOSING AND CORELATION WITH GUARNTEED PARAMETERS. CALCULATION PERIOD IS 365 DAYS/ 24 FORTNIGHT/ 52 WEEKS.

12) SUPPLIER WILL GIVE COUPON RACKS AND UNTREATED CORROSION COUPONS (WHEREVER APPLICABLE) FOR TESTING.

13) SUPPLIER WILL SUBMIT MSDS, GC AND TC OF ALL OFFERED CHEMICALS, DURING THE SUPPLY.

HOWEVER, THESE DOCUMENTS ARE NOT MANDATORY FOR GOODS ACCEPTANCE OR REJECTION.

14) SERVICES TO BE PROVIDED:

a) LABORATORY EQUIPMENTS AND CONSUMABLES FOR MONITORING AND TESTING OF WATER QUALITY.

b) TESTING OF WATER QUALITY AND SUBMISSION OF DAILY REPORTS.

c) DOSING SYSTEM FOR DOSING OF CHEMICALS.

d) DOSING OF CHEMICALS.

e) FREE SUPPLY OF CONTINGENCY CHEMICALS, AS REQUIRED, TO MAINTAIN SYSTEM WATER QU ALITY.*

[*If the offered chemical(s) is not sufficient to meet the quality norms of re-circulating water as per the system data, the extra chemicals required will be supplied by the vendor free of cost.]

15) CHEMICAL DOSING SHOULD NOT BE INTERRUPTED. FOR EVERY DAY NON-DOSING DUE TO NO N-AVAILABILITY OF CHEMICALS/ MANPOWER ISSUE/ TECHNICAL ISSUE PERTAINING TO THE VENDO R, A PENALTY OF 1.5 TIMES OF PO VALUE WILL BE DEDUCTED ON PRO-RATA BASIS.

16) EMPTY DRUMS/ CONTAINERS ARE TO BE TAKEN BACK BY THE VENDOR AFTER THE USE OF CHE MICALS AT SITE.

17) LD @0.5% OF THE CONTRACT VALUE OF DEFAULTED QTY, PER WEEK OR PART THEREOF, MAX 10% (AS PER GEM LD TERMS).

18) ALL THE CONTAINERS/ DRUMS SHOULD HAVE A LABEL CLEARLY MENTIONING THE DATE OF M ANUFACTURE, DATE OF EXPIRY AND BATCH NO. BIDDERS MAY INDICATE THE MINIMUM LOT SIZE A LONGWITH TECHNICAL OFFER.

19) CHEMICALS SUPPLIED SHOULD HAVE SHELF LIFE OF MINIMUM 1 YEAR FROM THE TIME OF DELI VERY AT RSP STORE.

20) THE TREATMENT PROGRAM INVOLVES ROUND THE CLOCK OPERATION; SUPPLIER HAS TO PRO VIDE ADEQUATE & SKILLED AND UNSKILLED MANPOWER TO FULFILL THE CONTRACTUAL OBLIGATI ON AS PER THE SCOPE OF WORK. THE SUPPLIER SHALL DEPUTE COMPETENT TECHNICAL PERSONS WHO ARE QUALIFIED IN CHEMICAL / CORROSION TECHNIQUES.

21) SAMPLING IS TO BE DONE ON DAILY BASIS AND JOINT SAMPLING IS TO BE DONE ON WEEKLY B ASIS IN WHICH THE SAMPLE IS TO BE SENT TO RSP'S LAB AND THE REPORT OF THE LAB IS FINAL A ND BINDING ON THE SUPPLIER.

22) MONTHLY REVIEW WITH THE BIDDER EXPERT AND RSP MANAGEMENT IS MANDATORY FOR CL OSE MONITORING AND FURTHER IMPROVEMENT.

23) DAILY CHECKING OF QUALITY OF WATER IS TO BE CARRIED OUT BY THE VENDOR AS PER REQ UIREMENT OF EXECUTING OFFICER.

24) VENDOR SHALL FOLLOW ALL SAFETY PRACTICES AND USE SAFETY APPLIANCES MEANT FOR W ORKING AT SITE. VENDOR MUST TAKE ON THE JOB SAFETY INDUCTION FOR THEIR WORKMEN FRO M DSO OF THE USER DEPTT AND SAFETY CLEARANCE FROM SAFETY DEPARTMENT BEFORE STARTI NG THE JOB. VENDOR WILL BE PENALIZED FOR VIOLATION OF SAFETY NORMS AS PER THE EXTANT RULE OF RSP.

25) THE NAMES OF THE CHEMICALS TO BE USED FOR MAINTAINING THE GUARANTEE PARAMETER S AND THE PENALTY PARAMETERS ARE TO BE SUBMITTED IN TABULAR FORM (WATER SYSTEM WIS E), ALONGWITH THE OFFER. THE CHEMICAL-WISE PRICE BREAK-UP WILL BE TAKEN FROM THE L-1 B IDDER (THROUGH LETTER/ E-MAIL CORRESPONDANCE), AFTER FINALISATION OF L-1 RATE, FOR CR EATION OF BACK-UP PURCHASE ORDER.

26) THE DELIVERY SCHEDULE FOR EXECUTION WILL COMMENCE UPON PLACEMENT OF GeM CONTRACT. NECESSARY CLEARANCE MAY BE TAKEN FROM THE USER, WITH INTIMATION TO THE MM (PURCHASE), PRIOR TO MATERIAL DISPATCH.

27) BIDDERS TO REFER TO THE ATTACHED SPECIFICATION DOCUMENT FOR THE COMPLETE SPECIFICATIONS AND PENALTY PARAMETERS, WHICH IS FINAL AND BINDING ON THE BIDDER.

28) CHEMICALS ARE TO BE DELIVERED AT SITE AFTER COMPLETING THE STORE PROCEDURE.

29) Dosing and Monitoring Equipment / Instruments:-

A. Corrosion Test Coupons: Corrosion and pitting control efficiency of cooling water treatment chemicals shall be done by test coupons and on-line corrosion monitoring instruments & Equipment to be installed.

This system should monitor corrosion rate round the clock to keep a check on lapses of CW treatment chemicals quality and dosing quantity. The results will be binding to the Supplier and the Supplier is responsible to maintain the parameters within permissible limits. Supplier shall supply & install two sets of LPR probes (having 2/3 electrodes) i.e. one Set for Carbon Steel & one Set for Copper with digital type Corrosion meters with access fitting & all necessary accessories complete for Soft water, DCW and ICW circuits, to obtain round the clock corrosion rate in mpy as well as pitting Index to determine pitting rate. Equipment/instruments.

B. Coupon Racks Assembly: Corrosion coupon racks with coupon holders for M.S, SS and Copper for monitoring corrosion rate and pitting rate in all Water system circuits. The corrosion coupons shall be jointly inspected by RSP and Supplier before installation and after removal. The coupon racks & test coupons having following specifications shall be supplied and installed by the Supplier in the lockable cabinet for safe custody of coupons during the treatment. The locks shall be operable jointly by RSP and Supplier. Supplier shall supply required number of Coupons per 45 days for evaluation. The coupon rack assemblies complete with appropriate coupons shall be installed within a week of commencement of treatment programme.

C. Corrosion Test Coupons Specification: The Supplier shall supply Corrosion Test Coupons of Mild Steel as per API 5L Gr.-B,Size 76.25mm x 12.4 mm x 1.6 mm with a 6.4 mm hole at 6.2 mm from one of the ends. The coupons shall be non-passivated and shall be supplied with certification of compliance indicating specification of material, chemical composition and its mechanical properties packed in VCI bag.

Corrosion coupons should have standard stain smooth surface having no curved corners and individual number stamped. Supplier should supply coupons in original packing with embedded coupon number and same number shall also be printed on outside consignment/ packing along with test certificate. The coupons with original packing will be supplied by the Supplier and after verification coupons will be installed jointly. RSP reserves the right to test coupons on random basis. Supplier shall supply & install all Test coupons & coupons rack assemblies as per above at various locations specified by Site Engineer.

D. Evaluation of corrosion rate & Pitting rate: Evaluation of General corrosion rate & Pitting rate shall be as per ASTM D-2688 method. Corrosion and pitting rate shall be evaluated by exposing corrosion coupons for 45 days continuously installed in corrosion racks in returnlines. Corrosion and pitting rate shall also be obtained from digital Corrosion meters from the LPR probes installed in return headers.

E. Microbiological test kit: Supplier shall supply Microbiological test kit to analyse TVC & SRB on weekly basis along with required nos. ofTesting packets (dip Slides) for all systems for entire duration of contract so that indicative status of microbiological load is known. Techniques shall include dip slides & latest rapid analysis techniques to measure total bacteria counts, SRB etc. All necessary microbiological tests shall be carried out at plant site as specified. The detailed tests for SRB, TVC, Iron bacteria shall be carried out andtest reports submitted by Supplier on weekly basis / specified test frequency basis.

F. Performance of critical heat exchangers: The performance of critical heat exchangers, filters etc shall be monitored by the Supplier onregular basis and immediate corrective action for the cooling water treatment programme shall be taken by the Supplier.

G. Guidelines for Corrosion/pitting Rates & Pitting Index

EXPRESSION OF CORROSION RATE

i. Corrosion Rate Based on Weight Loss :

$$\text{mils per year (mpy)} = \frac{22.3 \times W \text{ (Wt loss in mg)}}{\text{Sp. gr. of metal} \times \text{exposed area ofcoupon in sq. inch} \times \text{time in days}}$$

Sp.gr of MS: 7.85 , SS: 8.13, Copper: 8.33

ii. Pitting rate :

$$\text{Pitting rate (mpy)} = \frac{\text{maximum pit depth (mils)} \times 365}{\text{Time of test in days per year}}$$

H. DOSING AND MONITORING: -

The supplier has to have his own laboratory set up for daily monitoring and control and report the same on daily basis. Any sample may be checked for the declared active ingredients, as and when required by R&C Laboratory/SAIL, RDCIS or any other third party (at RSP’s cost). In case of any dis pute, the report of R&C Laboratory/ SAIL, RDCIS shall be taken as final.

I. The laboratory should be equipped with the following equipment:

a. Spectrophotometer (HACH Kit DR 2800 with accessories)

b. Standard titration equipment with standard reagents.

c. Calibrated Portable digital pH meter, conductivity meter and total dissolved solids (TDS) measur ement devices.

d. Dip Slides.

e. For dosing and monitoring the performance of “dispersants”, “corrosion inhibitors”, “biocides” e tc., the following on-line monitoringequipment are to be installed and connected to the water syste ms by the supplier at his own cost:-

i. LPR Probes and Corrosion meters
ii. Dissolved Oxygen (ppm analyser)
iii. Electronic metering pumps for regular dosing.

f. All the desired tests are to be done based on standardized methods. Details of relevant standard are to be mentioned in the offer.

g. The Supplier shall supply, install, operate and maintain all dosing and monitoring instruments/ e quipment on returnable basis, as per site condition and within available space.

J. Regular dosing of chemicals and maintenance / replacement of dosing unit shall be under the sc ope of supplier. Dosing of chemicals includes the supply of dosing equipment with measuring facili ties. Any adverse effect due to the chemical treatment has to be neutralized immediately to avoid any breakdown of the system at the cost of supplier for which no extra payment will be made.

(III) GUARANTEE CLAUSE: THE SUPPLIER HAS TO GIVE PERFORMANCE GUARANTEE FOR MAINTAINING THE GUARANTEED PARAMETERS AND SYSTEM PARAMETERS, AS PER THE TECHNICAL SPECIFICATIONS, DURING THE TREATMENT PERIOD.

(IV) PRICE VARIATION CLAUSE: FIRM TILL COMPLETION OF THE PURCHASE ORDER

(V) PACKING CLAUSE:

1. THE MATERIAL IS TO BE SUPPLIED IN SEALED AND LABELLED CONTAINERS, WITH CHEMICAL NAME, BATCH NO., QTY, DATE OF MANUFACTURE AND EXPIRY PRINTED BOLDLY. PACKING SIZE PREFERABLY: 50 LITRE MAX.

2. CHEMICAL DRUMS/ CONTAINERS ARE TO BE PACKED AND SEALED PROPERLY INORDER TO AVOID ANY LEAKAGES AND DAMAGE.

(VI) INSPECTION TERM:

1. INSPECTION AT SAIL-RSP STORE AFTER RECEIPT, ON THE BASIS OF THE PHYSICAL CONDITION OF THE DRUM AND QUANTITY.

2. JOINT INSPECTION BY MM-INSPECTION, RSP AND REPRESENTATIVE OF THE USER DEPARTMENT.

3. SUPPLIER HAS TO SUBMIT COPY OF GC, TC & MTC TO THE STORE AND PRODUCE THE COPIES OF THE GC, TC, MTC, CALIBRATION CERTIFICATE(S) OF ALL MEASURING INSTRUMENTS AND ADDITIONAL COUPONS TO USER DEPARTMENT ON DEMAND. THE SUPPLIER WILL ALSO SUBMIT MSDS FOR THE CHEMICALS.

BIDDERS TO NOTE:

1. Bidder must submit filled Annexure-A& Annexure -B (Format for undertaking by the bidder), along with the offer. Formats attached in the biddocument.
2. The offers of bidder(s) whose performance in SAIL-Rourkela Steel Plant (RSP) have been found to be unsatisfactory may not be considered and SAIL-RSP reserves the right to summarily reject such offers during any stage of tender, including and after price discovery.
3.In case any adverse report is received against a tenderer, as an information or upon enquiry made by SAIL, in respect to capabilities and performance of the tenderer, after receipt of the tender (even after opening of price bid), the quotation/ tender submitted by such tenderer will be liable to be rejected on the grounds of the adverse report(s) received.
4. i) SAIL reserves the right to verify any supporting document(s) submitted by a participating tenderer / bidder from its source (document issuing authority).
ii) In the interest of expeditious completion of verification, a participating tenderer /bidder shall provide a list of each supporting document on its letter head as per "Annexure -S", along with the contract details (Postal address, e mail address, landline /Mobile number) of the issuing authority of each supporting document for verification.
iii) Non verification of any supporting document or information, at the sole discretion of SAIL, does not absolve the tenderer / bidder of its absolute responsibility to provide only genuine document(s) in support of eligibility conditions.
iv) In case a supporting document or information is found to be fake/forged /tampered/non genuine at any stage during tendering process & even after placement of purchase order /Work order, the tenderer /bidder is liable for punitive actions as per extant guidelines of SAIL.

5. Other terms

i. NO DEVIATIONS ARE ACCEPTABLE. By submitting offer against this bid, the bidder is accepting all terms & conditions of the bid as well as GeM terms & conditions.

ii. All prices quoted in GeM will be on landed cost basis, inclusive of GST and all taxes/ duties(unless otherwise specified in Special Terms of ATC).

iii. Bidders are requested to update the firm’s GST registration status prior to participating in the bid. Since all prices to be quoted in GeM are on landed cost basis, inclusive of GST and all taxes/ duties, the case will be evaluated accordingly.

iv. Only relevant document(s) are to be uploaded for technical and commercial scrutiny. Submissio

n of additional documents beyond the requirement will not be taken cognizance of. By participatin g in the bid, the Bidder agrees to comply with all terms and conditions without making any alterati ons, additions, or modifications. Any attempt by the Bidder to include additional terms or clauses i n the bid document may result in the bid being rejected by the Buyer at any stage of the evaluatio n process. The Buyer reserves the right to take appropriate action, including but not limited to disq ualification of the Bidder, cancellation of the bid and cancellation of order, at its sole discretion.

v. Bidders to compulsorily submit the duly-filled Annexures with stamp and signature of authorize d representative, as part of online offer.

vi. Any technical query/ clarification, is to be routed through the pre-bid representation functionalit y available against this bid.

vii. Risk purchase (RPN) clause: Subject to the terms and conditions of this Agreement, if the Supplier neglects or fails to perform the Agreement by the time or times agreed upon, for any reas on other than Force Majeure, the Purchaser after having come to know of such negligence or non-performance, after giving 14 to 30 days' notice or any such extended period that the Supplier and Purchaser may mutually agree, to the Supplier to rectify, shall take such action as it considers fit i ncluding but not limited to taking risk purchase action for supply of the material, mitigating any lo sses, at the risk and cost of the Supplier as far as the undelivered quantity in that Delivery Period i s concerned. The Right of the Purchaser for Risk Purchase Action is in addition to the Right of Purc haser to terminate the Contract due to the fault of the Supplier. The price differential in case of hig her cost to SAIL, if any, shall have to be borne by the defaulting Supplier. Moreover, the defaulting Supplier shall have no claim over the quantity, which they failed to supply.

viii. Before dispatching the material, seller(s) must ensure the following:-

a. GeM contract is duly accepted.

b. GeM fees has been paid (if any, for contract acceptance)

c. GeM contract should remain valid till receipt of material at consignee location.

d. Invoices have been created in GeM, confirming dispatch of material

ix. SAIL-RSP will be placing back-up order against GeM contract(s) on successful bidder(s). SAIL-RS P's back-up purchase order, however, will be released only after acceptance of contract by seller i n GeM. The concerned bidder has to mention the back-up order number in the invoices for proper accounting of material upon receipt in RSP.

x. Further, non-compliance of the requisites in"viii" & "ix", shall be at the risk of the vendor and an y delay(s) arising out of such non-compliance, shall be on vendor's account.

xi. The above, being a case where tender item cannot be split or divided, etc., hencein case of an y MSE quoting a price within the band L1+15%, such a bidder may be awarded for full/ complete s upply of total tendered value, subject to its matching of the L-1 price, considering the spirit of the Policy for enhancing Govt. Procurement from MSEs.

xii. THE OPTION CLAUSE FOR QUANTITY EXTENSION, MAY BE READ AS:-

"THE PURCHASER RESERVES THE RIGHT TO INCREASE OR DECREASE THE QUANTITY TO BE ORDER ED UP TO 50% OF BID QUANTITY AT THE TIME OF PLACEMENT OF CONTRACT. THE PURCHASER AL SO RESERVES THE RIGHT TO INCREASE THE ORDERED QUANTITY BY UP TO 50% OF THE CONTRAC TED QUANTITY DURING THE CURRENCY OF THE CONTRACT AT THE CONTRACTED RATES. DELIVER Y PERIOD SHALL BE ENHANCED ACCORDINGLY."

THIS IS IN LINE WITH SPECIAL TERMS & CONDITIONS CLAUSE 2 OF SPECIAL TERMS & CONDITIONS OF THIS BID.

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4. **Buyer Added Bid Specific ATC**

Buyer uploaded ATC document Click here to view the file.

अस्वीकरण/Disclaimer

The Additional Terms and Conditions (ATC) have been incorporated by the Buyer after approval of their Competent Authority. The Buyer ,is solely responsible for the impact of these clauses on the bidding process, its outcome, and consequences thereof including any restriction arising in the bidding process due to these ATCs and including the modification of technical specifications and / or terms and conditions governing the bid.All representations / grievances pertaining to the ATC clauses shall be raised with the buyer organization directly and not with GeM.If any of the clause(s) is/are incorporated by the Buyer regarding the following, the bid & resultant contract shall be treated as null & void. Further, GeM reserves the right, at its sole discretion, to cancel the bid forthwith, without issuance of any prior notice or intimation :-

1. Publishing Custom / BOQ bids for items for which regular GeM categories are available (unless such Custom / BOQ item is bunched with the major regular product Category Item).
2. Mandating procurement of / from specific Brand / Make / Model / Manufacturer / Dealer except in case of Single Bid / Proprietary Article Certificate (PAC) Buying.
3. Inclusion of disqualification criteria related to suspension of seller / service provider, where such suspension period has already expired.
4. Mandating submission of documents (other than EMD and signed Integrity Pact - which can be submitted within 5 days of bid opening) in physical form as a pre-requisite to qualify bidders.
5. Publishing bids on GeM for procurement of works.
6. Procurement of Goods by creating a Service bid on GeM & vice-versa.
7. Seeking sample with bid or approval of samples during bid evaluation process. However, trial / sample, as the case may be, shall be permitted in cases where trial / sample are allowed as per approved and published procurement policy of the Buyers' controlling Ministry / Department / State / Public Sector Enterprises Headquarters. If there is any violation of trial / sample clause with regard to approved policy of the Buyers' Ministry / Department / State / Public Sector Enterprises Headquarters, then this is to be determined and redressed by the concerned Buyer Organisation only.
8. Seeking experience from specific organization / department / institute only or from foreign / export experience.
9. Creating bid for items from incorrect categories.
10. Reference of conditions published on any external site or reference to external documents/clauses.
11. Asking for any Tender fee / Bid Participation fee, as the case may be.
12. Buyer added ATC Clauses which are in contravention of clauses defined in bid detail section, including specifications, EMD Detail, ePBG Detail and MII and MSE Purchase Preference sections of the bid, unless otherwise allowed by the applicable GeM GTC.
13. Any ATC clause in contravention with GeM GTC Clause 4 (xiii) (h) will be invalid. In case of multiple L1 bidders against a service bid, the buyer shall place the Contract by selection of a bidder amongst the L-1 bidders through a Random Algorithm executed by GeM system.
14. In a category based bid, adding additional items, through buyer added, additional scope of work/ additional terms and conditions/or any other document. If buyer needs more items along with the main item, the same must be added through bunching category based items or by bunching custom catalogues or bunching a BoQ with the main category based item, the same must not be done through ATC or Scope of Work.

Further, if any seller has any objection/grievance against these additional clauses or otherwise on any aspect of this bid, they can raise their representation against the same by using the Representation window provided in the bid details field in Seller dashboard after logging in as a seller. Buyer is duty bound to reply to all such representations and would not be allowed to open bids if he fails to reply to such representations.

All GeM Sellers/Service Providers shall ensure full compliance with all applicable labour laws, including the provisions, rules, schemes and guidelines under the four Labour Codes i.e. the Code on Wages, 2019; the Industrial Relations Code, 2020; the Occupational Safety, Health and Working Conditions Code, 2020; and the Code on Social Security, 2020 as and when notified and brought into force by the Government of India.

For all provisions of the Labour Codes that are pending operationalisation through rules, schemes or notifications, the corresponding provisions of the pre-existing labour enactments (such as The Minimum Wages Act, 1948, The Payment of Wages Act, 1936, The Payment of Bonus Act, 1965, The Equal Remuneration Act, 1976, The Payment of Gratuity Act, 1972, etc. and relevant State Rules) shall continue to remain applicable.

The Seller/ Service Providers shall, therefore, be responsible for ensuring compliance under:

- **All notified and enforceable provisions of the new Labour Codes as mentioned hereinabove; and**
- **All operative provisions of the erstwhile Labour Laws until their complete substitution.**

All obligations relating to wages, social security, safety, working conditions, industrial relations etc. and any other statutory requirements shall be strictly met by the Seller/ Service Provider. Any non-compliance shall constitute a breach of the contract and shall entitle the Buyer to take appropriate action in accordance with the contract and applicable law.

This Bid is governed by the General Terms and Conditions, conditions stipulated in Bid and Service Level Agreement specific to the Service, as the case may be, as provided in the Marketplace.

However, in case of Service, if any condition specified in General Terms and Conditions is contradicted by the conditions stipulated in Service Level Agreement specific to said Service, then it will over-ride the conditions in the General Terms and Conditions.

यह बिड सामान्य शर्तों के अंतर्गत भी शासित है /This Bid is also governed by the General Terms and Conditions

जेम की सामान्य शर्तों के खंड 26 के संदर्भ में भारत के साथ भूमि सीमा साझा करने वाले देश के बिडर से खरीद पर प्रतिबंध के संबंध में भारत के साथ भूमि सीमा साझा करने वाले देश का कोई भी बिडर इस निविदा में बिड देने के लिए तभी पात्र होगा जब वह बिड देने वाला सक्षम प्राधिकारी के पास पंजीकृत हो।बिड में भाग लेते समय बिडर को इसका अनुपालन करना होगा और कोई भी गलत घोषणा किए जाने व इसका अनुपालन न करने पर अनुबंध को तत्काल समाप्त करने और कानून के अनुसार आगे की कानूनी कार्रवाई का आधार होगा।/In terms of GeM GTC clause 26 regarding Restrictions on procurement from a bidder of a country which shares a land border with India, any bidder from a country which shares a land border with India will be eligible to bid in this tender only if the bidder is registered with the Competent Authority. While participating in bid, Bidder has to undertake compliance of this and any false declaration and non-compliance of this would be a ground for immediate termination of the contract and further legal action in accordance with the laws.

---धन्यवाद/Thank You---