

बिड दस्तावेज़ / Bid Document

बिड विवरण/Bid Details	
बिड बंद होने की तारीख/समय /Bid End Date/Time	19-08-2026 15:00:00
बिड खुलने की तारीख/समय /Bid Opening Date/Time	19-08-2026 15:30:00
बिड पेशकश वैधता (बंद होने की तारीख से)/Bid Offer Validity (From End Date)	180 (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	Bokaro Steel Plant
कार्यालय का नाम/Office Name	Cmlo Jgom Adm Buidling C Block Bokaro 827001
शिकायत निवारण के संपर्क विवरण/ Contact details of Grievance redressal	HOD Email id :sudhirsharma@sail.in Buyer Email id: sumankumar@sail.in
वस्तु श्रेणी /Item Category	Air Quality Monitoring Service - Outdoor Area; Kiriburu Iron Ore Mines; Continuous
अनुबंध अवधि /Contract Period	2 Year(s)
इसी तरह की सेवाओं का पिछला आवश्यक अनुभव है/Past Experience of Similar Services required	Yes
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),Additional Doc 1 (Requested in ATC),Additional Doc 2 (Requested in ATC),Additional Doc 3 (Requested in ATC),Additional Doc 4 (Requested in ATC) *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
क्या आप निविदाकारों द्वारा अपलोड किए गए दस्तावेज़ों को निविदा में भाग लेने वाले सभी निविदाकारों को दिखाना चाहते हैं? संदर्भ मेन् है/Do you want to show documents uploaded by bidders to all bidders participated in bid?	Yes (Documents submitted as part of a clarification or representation during the tender/bid process will also be displayed to other participated bidders after log in)

बिड विवरण/Bid Details	
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	3
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	5 Days
अनुमानित निविदा मूल्य (सभी करों सहित) भारतीय रुपये में / Estimated Bid Value in INR (Inclusive of all taxes)	824661.97
Payment Timelines	Payments shall be made to the Seller within 30 days of issue of service delivery acceptance certificate (SDAC) 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
मूल्य दर्शाने वाला वित्तीय दस्तावेज ब्रेकअप आवश्यक है / Financial Document Indicating Price Breakup Required	Yes

ईएमडी विवरण/EMD Detail

आवश्यकता/Required	No
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ईपीबीजी विवरण /ePBG Detail

आवश्यकता/Required	No
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बोली विभाजन लागू नहीं किया गया/Bid splitting not applied.

एमआईआई अनुपालन/MII Compliance

एमआईआई अनुपालन/MII Compliance	Yes
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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.

S.No.	Name
1	RXIL
2	M1XCHANGE
3	INVOICEMART

1. Estimated Bid Value indicated above is being declared solely for the purpose of guidance on EMD amount and for determining the Eligibility Criteria related to Turn Over, Past Performance and Project / Past Experience etc. This has no relevance or bearing on the price to be quoted by the bidders and is also not going to have any impact on bid participation. Also this is not going to be used as a criteria in determining reasonableness of quoted prices which would be determined by the buyer based on its own assessment of reasonableness and based on competitive prices received in Bid / RA process.

2. Past Experience of Similar Services: The bidder must have successfully executed/completed similar Services over the last three years i.e. the current financial year and the last three financial years(ending month of March prior to the bid opening): -

1. Three similar completed services costing not less than the amount equal to 40% (forty percent) of the estimated cost; or
2. Two similar completed services costing not less than the amount equal to 50% (fifty percent) of the estimated cost; or
3. One similar completed service costing not less than the amount equal to 80% (eighty percent) of the estimated cost.

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.

एक्सेल में अपलोड किए जाने की आवश्यकता /Excel Upload Required :

PRICE BREAKUP FORMAT - [1786191072.xlsx](#)

Air Quality Monitoring Service - Outdoor Area; Kiriburu Iron Ore Mines; Continuous (1)

तकनीकी विशिष्टियाँ /Technical Specifications

विवरण/ Specification	मूल्य/ Values
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विवरण/ Specification	मूल्य/ Values
कोर / Core	
Type Of Area	Outdoor Area
Name Of Area	Kiriburu Iron Ore Mines
Frequency	Continuous
Sampling Locations	Multiple
Number Of Samples in each Location	50 and Above
Sampling Parameters	PM 10 , PM 2.5 , SOx and NOx
Reports	Yes
एडऑन /Addon(s)	

क्रेता द्वारा निर्धारित न्यूनतम मूल्य/Minimum Floor Price defined by Buyer

क्रेता द्वारा निर्धारित न्यूनतम मूल्य/Minimum Floor Price defined by Buyer	No
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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%	100%

अतिरिक्त विशिष्टि दस्तावेज़ /Additional Specification Documents

परेषिती/रिपोर्टिंग अधिकारी /Consignees/Reporting Officer and Quantity

क्र.सं./S.N o.	परेषिती/रिपोर्टिंग अधिकारी /Consignee Reporting/Officer	पता/Address	Quantity	अतिरिक्त आवश्यकता /Additional Requirement
1	Praveen Kumar	833222,Kiriburu Iron Ore Mines, JGOM, CMLO	Project / Lumpsum Based	N/A

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

1. Buyer Added Bid Specific ATC

Buyer uploaded ATC document [Click here to view the file.](#)

2. Buyer Added Bid Specific Scope Of Work(SOW)

SCOPE OF WORK CUM PRICE-BREAK UP FORMAT

Name of Work: Monitoring of Ambient Air Quality, Noise Monitoring, Ground Water Monitoring , Flow Rate of Springs and Nallahs, Water Quality and Stack Emission Through NABL Accredited/ ISO 9001 and OHSAS 18001 or ISO 45001 Lab Registered with JSPCB at Kiriburu Iron Ore Mines.

Table 1 :AAQ Monitoring Methods Specified				
S.N.	Description	Parameter	Standard Code	Test Name
1	Ambient Air Quality / Fugitive Emission	PM ₁₀	NAAQS 2009	Guidelines for sampling and analysis of Particulate Matter (PM ₁₀) in ambient air (Gravimetric Method)
		PM _{2.5}	NAAQS 2009	Guidelines for determination of PM _{2.5} in ambient air (Gravimetric Method)
		SPM	NAAQS 2009	Guidelines for determination of SPM in ambient air (Gravimetric Method)
		SO _x	NAAQS 2009	Modified West & Gaeke Method (IS 5182 Part 2 Method of Measurement of Air Pollution: Sulphur dioxide).
		NO _x	NAAQS 2009	Modified Jacobs & Hochheiser Method (IS 5182 Part 6 Methods for Measurement of Air Pollution: Oxides of nitrogen)
2	Effluent/ Surface Water Quality / Ground water quality / Drinking Water Quality	Total Suspended Solids	IS 10500: 2015	IS 3025 Part 16
		Total Dissolved Solids	IS 10500: 2015	IS 3025 Part 16
		pH	IS 10500: 2015	IS 3025 Part 11
		Dissolved Oxygen		Modified Winkler Method for Dissolved Oxygen
		BOD		Method Approved by CPCB/ MoEFCC
		COD		Method Approved by CPCB/ MoEFCC

		Total Hardness	IS 10500: 2015	IS 3025 Part 21
		Colour	IS 10500: 2015	IS 3025 Part 4
		Iron	IS 10500: 2015	IS 3025 Part 53
		Turbidity	IS 10500: 2015	IS 3025 Part 10
		Fluoride	IS 10500: 2015	
		Nitrate	IS 10500: 2015	
		Zinc	IS 10500: 2015	
		Total Coliform	IS 10500: 2015	
3	Vehicular (HEMM) Emission	Vehicular Emission	As per CPCB and Emission Norms	Procedure Specified by CPCB & Emission Norms
4	Noise Monitoring	Sound Level Parameters : Lmax, Lmin, Lpeak, Leq on A - Weighted Scale	Protocol for Ambient Level Noise Monitoring as Per CPCB	Noise measurements will be made with a Type 1 integrating sound level meter with free-field microphone which meets the Accuracy of noise measurement as per IEC 804 (BS 6698) Grade I or ANSI Type I or equivalent IEC 61672-1(2002-05) Class-I.
5	Stack Emission of DG Stack	Temperature	As Per CPCB Emission Regulation for Stack Emission	As Per Procedure Specified by CPCB in Emission Regulation (1985) Part 3 for Stack Emission
		Velocity		
		Particulate Matter		
		Carbon Monoxide		
		Lead		
		SO _x		
		NO _x		

WORK INSTRUCTIONS

- I. The party shall submit monitoring report of the same by 3rd of the next month of sampling as per instruction of executing authority.
- II. Water & Effluent samples taken should be of representative in nature.
- III. All the instruments used for monitoring & analysis shall be calibrated as per norms. Calibration of the instruments can anytime be checked by the Executing Authority/ personnel of Environment & Lease Department of Meghahatuburu Iron Ore Mines/ Kiriburu Iron Ore Mines. Party shall also present the Last Calibration Certificate.
- IV. Party shall make the inventory of both PM 10 Glass Filter Papers (8''x 10'') & PM 2.5 Teflon Filter Papers (47 mm. Diameter) in the Environment & Lease Department of unique identification numbers printed on the smooth sides of the filter paper before starting the ambient air quality monitoring.
- V. Party shall submit the Filter Papers printed with unique identification number after analysis of PM 10 & PM 2.5 through Respirable Dust Sampler & Fine Dust Sampler to the Executing Authority & that unique identification number shall also be mentioned in the monitoring report.
- VI. While analysis of SO_x & NO_x, lab in charge shall be instructed to first wash the cubet with distilled water and then at first pour the sample in cubet and discard it. Then put the actual sample for finding out the absorbance in specified wavelength in Spectrophotometer.
- VII. Party shall monitor & analyze PM 10 & PM 2.5 in house at MIOM / KIOM Laboratory using perfectly calibrated weighing scale.
- VIII. Party shall use recording type modified Sound Level Meter (like Bruel & Kjaer Modified Sound Level Meter- Modular 2238 SLM)
- IX. Party shall provide recorded raw sound levels in SLM and their respective monitoring time to the Executing Authority of Environment & Lease Department, Meghahatuburu Iron Ore Mines/ Kiriburu Iron Ore Mines.
- X. While monitoring the Sound Levels, it should be ensured that the wind speed at the level of SLM should not be more than 5 KMPH.
- XI. All the results monitored and analyzed will be submitted to the Executing Authority of Environment & Lease Department, Meghahatuburu Iron Ore Mines/ Kiriburu Iron Ore Mines periodically at the end of sampling month.
- XII. All the monitoring and analysis will be done as per the standard operating practices followed under the respective statutory guidelines enclosed in the IS Codes.
- XIII. Party should arrange its own vehicle while monitoring, sampling & instruments shifting.
- XIV. Safety should be ensured during monitoring & analysis inside & outside the mining premises.

ANNEXURE - VII-A

Table 2: Scope of work cum price breakup format

Sl No	Description	Monitoring frequency	Parameter	Total No of stations	No of samples per year	Rate	Amount
1	2	3	4	5	6	7	8 = 6x7
1	Ambient Air Quality	Twice a week	PM ₁₀ , PM _{2.5} , SO _x and NO _x	9	936	190.08	1,77,914.88
2	Fugitive Emission	Twice a week	Suspended Particulate Matter	5	520	78.54	40,840.80

3	Effluent	Fortnightly	BOD,COD,TDS, D O, PH and TSS, Oil & grease	8	208	116.16	24,161.28
4	Surface water	Monthly	TSS, TDS, PH, DO , BOD, Total hardness, Color, Iron, Turbidity	2	24	85.80	2,059.20
5	Ground Water Quality	Monthly	Ground water level, TDS, DO, PH, Hardness	1	12	145.86	1,750.32
6	Vehicular (H EMM) Emission	Quarterly		20	80	108.24	8,659.20
7	Stack Emission of DG stack	Quarterly	Temp., Velocity, PM, CO, Lead, SO _x , NO _x	3	12	168.74	2,024.88
8	Noise Monitoring	Two samples (One day time and another night time on same date) per Weekly	Leq- (A),time , distance of measurement (Day time: 6AM to 10PM and Night Time: 10PM to 6AM)	4	416	76.56	31,848.96
9	Flow rate of springs and nallahs	Monthly	Flow rate	1	12	209.66	2,515.92
10	Drinking Water	Weekly	pH, Temp., Odour , Alkalinity, Nitrate, EC, Mg, Cl, SO ₄ , NO ₃ ,PO ₄ and Trace Elements (Cr, Cu, Fe, Mn, Ni, Pb, As), Ca++, Fluoride, Iron, Nitrate, Zn, Total Coliform, TSS, TDS, PH, DO, BOD, Total hardness, Color, Iron, Turbidity	4	208	277.20	57,657.60
Total Amount for 1 year (₹ Three Lakh Forty-Nine Thousand Four Hundred Thirty-Three and Paise Four Only) [Excluding GST]							3,49,433.04
Total Amount for 2 years (₹ Six Lakh Ninety-Eight Thousand Eight Hundred Sixty-Six and Paise Eight Only) [Excluding GST]							6,98,866.08

Total Amount for 2 years (₹ Eight Lakh Twenty-Four Thousand Six Hundred Sixty-One and Paise Ninety-Seven Only) [Including GST]	8,24,661.97
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Note:-

1. The rates in the column 7 for the work will be composite and comprise of labour, materials, tools, tackles and workmanship.

The amount towards insurance as per respective clause of Special conditions of contract is not included in rate/amount mentioned above. The tenderer shall not consider the impact of cost towards insurance while submitting their offer. The amount towards insurance will be reimbursed to the contractor subject to production of documentary evidence.

The tenderers should not consider the impact of GST, while submitting their offer, the same, if applicable, will be paid / reimbursed to the successful tenderer, if awarded the work subject to production of PAN based GST Reg. Certificate

2. The above numbers are indicative in nature. It may change during execution of the job.

3. The tenderer shall quote a single percentage above or below or at par with the rates mentioned in the Price Schedules, equally applicable to all the items mentioned in the schedule. In case a tenderer quotes more than one Option, their tenderer shall be summarily rejected.

PERCENTAGE ABOVE (shall be quoted both in figures as well as in words)	
OR PERCENTAGE BELOW (shall be quoted both in figures as well as in words)	
OR AT PAR	

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 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.

This Bid is governed by the [सामान्य नियम और शर्तें/General Terms and Conditions](#), conditions stipulated in Bid and [Service Level Agreement](#) specific to this Service as provided in the Marketplace. However in case if any condition specified in सामान्य नियम और शर्तें/General Terms and Conditions is contradicted by the conditions stipulated in Service Level Agreement, then it will over ride the conditions in 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---