



झारखण्ड केन्द्रीय विश्वविद्यालय CENTRAL UNIVERSITY OF JHARKHAND

(भारतीय संसद के अधिनियम 2009 द्वारा स्थापित) (Established by an Act of Parliament of India in 2009) Homepage:http://www.cuj.ac.in

Ref. No. HoD (Envt.)/2023/Mine water/150

Dated: 01.07.2023

Sub: Limited Tender enquiry for Water sample testing as per IS-10500 (2012) and Is 11624 (1986) at Central University of Jharkhand, Ranchi

Sealed Quotation are invited for the Mine Water sample testing as per IS-10500 (2012) and Is 11624 (1986) enclosed in the separate sheet (Annexure -I), Subject to the terms and conditions given below:

The quotation should be addressed to The Nodal officer (C/o- Prof Manoj Kumar), Department of Environmental Sciences, New academic Block, Central University of Jharkhand, Cheri-Manatu, Kanke, Ranchi-835222, and should reach on or before 14.07.2023 at 5 PM. The financial bid open on 17.07.2023 at 11 AM.

(Manoj Kumar)
Nodal Officer
CCL Consultancy Project

झारखण्ड केन्द्रीय विश्वविद्यालय, राँची CENTRAL UNIVERSITY OF JHARKHAND, RANCHI

(संसदीय अधिनियम के तहत 2009 में स्थापित केन्द्रीय विश्वविद्यालय) (A Central University established by an Act of Parliament in 2009)

Ref no. HoD (Envt.)/2023/Mine Water/150

Sealed quotations are invited for the Mine water sample testing [Water quality as per IS-10500 (2012) and irrigation as per IS 11624 (1986)] enclosed in the separate sheet (Annexure-I) subject to the terms and conditions given below:

The quotation should be addressed to Prof. Manoj Kumar, Nodal Officer, CCL Project, Central University of Jharkhand, Cheri-Manatu, Kanke, Ranchi, 835222 and should reach on or before 14.07.2023. The Financial bid will be opened on 17.07.2023 at 11 AM.

TERMS AND CONDITIONS

- 1. Quotations without any erasures and overwriting must be submitted in sealed cover addressed to **Prof.**Manoj Kumar, Nodal Officer, CCL Project, Central University of Jharkhand, Cheri-Manatu, Kanke, Ranchi, 835222 super-scribed Tender/ Enquiry No. and the due date failing which, quotation may be ignored. Tender/ quotation should be sent through Post/ Courier/ Email/By Hand.
- 2. The rate quoted should be inclusive of all collection of sample of water from the site, taxes, and should remain valid for our acceptance for minimum period of six months from the due date of opening of the quotations. The quotation should be CUJ consignee's site basis i.e. Central University of Jharkhand, Cheri-Manatu, Kanke, Ranchi, 835222.
- 3. The name of testing laboratory must be clearly specified. Certificate of NABL Accreditation /JSPCB Accreditation must accompany all quotations.
- 4. The University will not entertain requests for revision in prices once quoted for whatever reason after the tenders are opened during the period of contract.
- 5. Full payment will be made within 60 days of the receipt and acceptance of the testing reports.
- 6. Only testing laboratory dealing in testing of parameters as listed in Annexure 1 need apply.
- 7. GST Registration Number and its validity should be indicated. Documentary evidences be supplied/ attached to the tender documents.
- 8. All rates shall be indicated both in words and figures. Where there is difference between the rates quoted in words and figures, rate quoted in words will prevail.
- 9. The testing laboratory shall submit the report within 15 days from the collection dates.
- 10. The Tender Document for items will be single bid system consisting of Annexure-I. The Tender Document will be submitted item-wise in separate sealed covers clearly mentioning on the envelope the details of items for which Bid is submitted.
- 11. All legal disputes shall be under the jurisdiction of Jharkhand High court, Ranchi.
- 12. The University reserves the right to accept or reject any Bid, without assigning any reason thereof. No correspondence in this regard will be entertained.
- 13. All the participating firms/laboratories should attach supporting documents in favors of:
 - a) Have at least 3 years of experience in the field.
 - b) Be registered with NABL or any other appropriate authorities.
 - c) Have valid GST Number for registration under VAT/CST
 - d) Have PAN for Income Tax.

01.07, 2023

Dated: 01.07.2023

- e) Detailed terms and condition regarding collection dates and place and submission deadlines will be elaborated in our purchase order.
- 14. Details sample parameters for testing annexed as Annexure-I.
 - 15. For any queries you may contact our email ID manoj.kumar@cuj.ac.in.

Sd/-Nodal Officer (CCL Projects)

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1.	M/s	
2.	M/s	
3.	M/s	
4.	M/s	

01.07.2023

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FIRM'S INFORMATION

The tenderer must submit the following information against every serial number along with relevant supporting documents)

1. Name of the firm	
2. Mailing address with contact Number	
4. (i) Tel. No	(ii) Mobile No
(iii) Fax No.	(iv) E-mail address
5. Whether the firm registered firm (Yes	s/No), if Yes please mentioned registration no
(i) GST No (ii) T	IN No (iii) PAN No
6. Name and designation of the person	on authorized to make commitments to CUJ, Brambe, Ranchi
8. Whether the Firm/Agency has signed	each and every page of Tender/NIT (Yes/No)
9. Any other information, if necessary.	
Place:	Name:
Date:	Business Address:
	Signature of Bidder:
	Seal of the Bidder:

01.07,2023

झारखण्ड केन्द्रीय विश्वविद्यालय, राँची CENTRAL UNIVERSITY OF JHARKHAND, RANCHI

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List of Water Parameters to be tested

DETAILS OF ARTICLE

Organoleptic and Physical Parameters 1	Sl. No	Description of the Items	Test Method	Specification reference	Quant ity	Rate quoted (in Rs.)
Turbidity, NTU			cal Parameters			
Solution	1	pH value	IS 3025 [Part 11]	IS 10500 : 2012	01 set for	
Selectrical conductivity (EC) at 25deg(C) Total dissolved solids, mg/l IS 3025 [Part 14] IS 10500 : 2012 IS 10500 : 2012 IS 3025 [Part 16] IS 10500 : 2012 IS 3025 [Part 40] IS 10500 : 2012 IS 10500 : 20	2	Turbidity, NTU	IS 3025 [Part 10]	IS 10500 : 2012		
Total dissolved solids, mg/l IS 3025 [Part 16] IS 10500 : 2012	3	conductivity (EC) at	IS 3025 [Part 14]	IS 10500 : 2012	Todation	
Section Calcium, mg/l Section	4	Total dissolved solids, mg/l		IS 10500 : 2012		
Social Calcium, mg/l Social Calcium, mg/l		General Parameters co	ncerning substances			* * * * * * * * * * * * * * * * * * * *
6 Magnesium, mg/l IS 3025 (Part 46) IS 10500 : 2012 location 7 Chloride, mg/l IS 3025 (Part 32) IS 10500 : 2012 location 8 Chlorine (residual free chlorine), mg/l 9 Nitrate (as NO3), mg/l IS 3025 (Part 26) IS 10500 : 2012 location 10 Fluoride, mg/l IS 3025 (Part 34) IS 10500 : 2012 location 11 Sulphate (as SO4), IS 3025 (Part 24) IS 10500 : 2012 location location 12 Total alkalinity (as IS 3025 (Part 23) IS 10500 : 2012 location location location location location location 13 Total hardness (as IS 3025 (Part 23) IS 10500 : 2012 location	_	Coloium may		10 10 700 0010	01 (6	
Magnamese Magn						
Chlorine (residual free chlorine), mg/l		, ,				
Chlorine Mg/I S 3025 (Part 34) IS 10500 : 2012		, ,	,			
Total continue Tota		chlorine), mg/l	` ´		-	
Sulphate (as SO4), IS 3025 (Part 24) IS 10500 : 2012 IS 10		, , , ,	` ′			
Total alkalinity (as CaCO3), mg/l IS 3025 (Part 23) IS 10500 : 2012		, ,	` '			
CaCO3), mg/l Total hardness (as CaCO3), mg/l IS 3025 (Part 21) IS 10500 : 2012 CaCO3), mg/l Phenolic compounds (as C6H5OH), mg/l IS 3025 (Part 43) IS 10500 : 2012 CaCO3), mg/l Metals & Parameters Concerning Toxic Substances IS Boron (as B), mg/l IS 3025 (Part 2) IS 10500 : 2012 One location IS 3025 (Part 41) IS 10500 : 2012 One location IS 3025 (Part 41) IS 10500 : 2012 IS 10500 : 20		mg/l	` '	,		
CaCO3), mg/l 14		CaCO3), mg/l	, , ,			
Phenolic compounds (as C6H5OH), mg/l IS 3025 (Part 43) IS 10500 : 2012	13	CaCO3), mg/l	, ,			
Metals & Parameters Concerning Toxic Substances IS 3025 (Part 2) IS 10500 : 2012 01 set for one location IS 3025 (Part 41) IS 10500 : 2012 01 set for one location IS 3025 (Part 41) IS 10500 : 2012 18 Iron (as Fe), mg/l IS 3025 (Part 2) IS 10500 : 2012 19 Lead (as Pb), mg/l IS 3025 (Part 2) IS 10500 : 2012 19 Manganese (as Mn) ,	14	Phenolic compounds (as C6H5OH), mg/l	IS 3025 (Part 43)	IS 10500 : 2012		
15 Boron (as B), mg/l IS 3025 (Part 2) IS 10500 : 2012 01 set for one location		Metals & Parameters Concerning Toxic				
16 Cadmium (as Cd), mg/l IS 3025 (Part 41) IS 10500 : 2012 17 Copper (as Cu), mg/l IS 3025 (Part 2) IS 10500 : 2012 18 Iron (as Fe), mg/l IS 3025 (Part 2) IS 10500 : 2012 19 Lead (as Pb), mg/l IS 3025 (Part 2) IS 10500 : 2012 20 Manganese (as Mn) , mg/l IS 3025 (Part 2) IS 10500 : 2012 21 Mercury (as Hg), mg/l IS 3025 (Part 48) IS 10500 : 2012 22 Nickel (as Ni), mg/l IS 3025 (Part 2) IS 10500 : 2012 23 Total arsenic (as As), mg/l IS 3025 (Part 37) IS 10500 : 2012 24 Zinc (as Zn), mg/l IS 3025 (Part 2) IS 10500 : 2012 Bacteriological parameters	15		IS 3025 (Part 2)	IS 10500 : 2012	01 set for	
18 Iron (as Fe), mg/l IS 3025 (Part 2) IS 10500 : 2012 19 Lead (as Pb), mg/l IS 3025 (Part 2) IS 10500 : 2012 20 Manganese (as Mn) , mg/l IS 3025 (Part 2) IS 10500 : 2012 21 Mercury (as Hg), mg/l IS 3025 (Part 48) IS 10500 : 2012 22 Nickel (as Ni), mg/l IS 3025 (Part 2) IS 10500 : 2012 23 Total arsenic (as As), mg/l IS 3025 (Part 37) IS 10500 : 2012 24 Zinc (as Zn), mg/l IS 3025 (Part 2) IS 10500 : 2012 Bacteriological parameters		Cadmium (as Cd),	` ,		one	
18 Iron (as Fe), mg/l IS 3025 (Part 2) IS 10500 : 2012 19 Lead (as Pb), mg/l IS 3025 (Part 2) IS 10500 : 2012 20 Manganese (as Mn) , mg/l IS 3025 (Part 2) IS 10500 : 2012 21 Mercury (as Hg), mg/l IS 3025 (Part 48) IS 10500 : 2012 22 Nickel (as Ni), mg/l IS 3025 (Part 2) IS 10500 : 2012 23 Total arsenic (as As), mg/l IS 3025 (Part 37) IS 10500 : 2012 24 Zinc (as Zn), mg/l IS 3025 (Part 2) IS 10500 : 2012 Bacteriological parameters	17	Copper (as Cu), mg/l	IS 3025 (Part 2)	IS 10500 : 2012	1 ,	
19 Lead (as Pb), mg/l IS 3025 (Part 2) IS 10500 : 2012 20 Manganese (as Mn) , mg/l IS 3025 (Part 2) IS 10500 : 2012 21 Mercury (as Hg), mg/l IS 3025 (Part 48) IS 10500 : 2012 22 Nickel (as Ni), mg/l IS 3025 (Part 2) IS 10500 : 2012 23 Total arsenic (as As), mg/l IS 3025 (Part 37) IS 10500 : 2012 24 Zinc (as Zn), mg/l IS 3025 (Part 2) IS 10500 : 2012 Bacteriological parameters	18		IS 3025 (Part 2)	IS 10500 : 2012		
20 Manganese (as Mn) , IS 3025 (Part 2) IS 10500 : 2012 21 Mercury (as Hg), mg/l IS 3025 (Part 48) IS 10500 : 2012 22 Nickel (as Ni), mg/l IS 3025 (Part 2) IS 10500 : 2012 23 Total arsenic (as As), IS 3025 (Part 37) IS 10500 : 2012 24 Zinc (as Zn), mg/l IS 3025 (Part 2) IS 10500 : 2012 Bacteriological parameters				IS 10500 : 2012		
Mercury (as Hg), mg/l IS 3025 (Part 48) IS 10500 : 2012		Manganese (as Mn),	, , ,			
23 Total arsenic (as As), IS 3025 (Part 37) IS 10500 : 2012	21	Mercury (as Hg), mg/l	IS 3025 (Part 48)	IS 10500 : 2012	1	-
Total arsenic (as As), IS 3025 (Part 37) IS 10500 : 2012	22	Nickel (as Ni), mg/l	IS 3025 (Part 2)	IS 10500 : 2012		
Zinc (as Zn), mg/l IS 3025 (Part 2) IS 10500 : 2012 Bacteriological parameters 24 Total coliforms/100ml IS 1622/IS 15185 IS 10500 : 2012 01 set for one location	23	Total arsenic (as As),	, ,			
24 Total coliforms/100ml IS 1622/IS 15185 IS 10500 : 2012 01 set for one location	24	Zinc (as Zn), mg/l	IS 3025 (Part 2)	IS 10500 : 2012		
one location	-	Bacteriological parameters				
Test parameters -Water for Irrigation	24	Total coliforms/100ml	IS 1622/IS 15185	IS 10500 : 2012	one	
		Test parameters -Wate	er for Irrigation			

25	Sodium adsorption ratio (SAR), Milli Eq	IS 11624 : 1986	IS 11624 : 1986	01 set for one	
26	Residual sodium carbonate (RSC) Milli Eq	IS 11624 : 1986	IS 11624 : 1986	location	
27				Total	
28				GST	
29			G	rand Total	

Place:	Name:
Date:	Business Address:
	Signature of Bidder:
	Seal of the Bidder:

01.07.2023