

कार्यालय सहायक मिट्टी रसायन विद्, गिरिडीह ।

मिट्टी जाँच प्रयोगशाला, गिरिडीह के संचालन हेतु आवश्यक उपकरणों एवं सामग्रीयों (निर्धारित तकनीकी मापदण्ड के अनुसार) के क्रय की निविदा के नियम एवं शर्तः-

सहायक मिट्टी रसायन विद्, गिरिडीह का अल्पकालीन निविदा आमंत्रण PR 343097 Giridih (24-25) D (प्रभात खबर) में निकाली गई निविदा के उपकरणों की विस्तृत विवरणी (Configuration)

TECHNICAL SPECIFICATION OF DOUBLE BEAM SPECTROPHOTOMETER

S.N.	DESCRIPTION	SPECIFICATION	REMARKS
1.	Data Collection Mode	The instrument must be capable of multiple data collection modes (single wavelength, scanning and kinetics modes)	Specifications of the items to be supplied by the tenderer (whether same or higher than given specifications, if higher, details to be furnished) <i>Product should be certified- ISO/ISI/EC/US/EU. or equivalent standards</i> Free -Installation, demonstration & training at site with operating manual. Warranty - Minimum two years from date of installation.
2.	spectrum range	spectrum range between 190 – 1100 nm	
3.	Optical Design	Double beam Czerny-Turner Monochromator	
4.	Lamps	The instrument with Xenon flash lamp based instrument for room light protection allowing samples to be measured, or accessories to used, without closing the sample compartment lid. The Xenon flash lamp will also minimize photo-bleaching of any samples and must also flash at 80 Hz to allow fast data collection. Lamp must have the typical life time of 10 years.	
5.	Scan rate	24000 nm / min	
6.	Data collection Rate	80 data points/second	
7.	UV Vis resolution	≤1.5 nm	
8.	Wavelength Accuracy	± 0.5 nm	
9.	Wavelength reproducibility	± 0.1 nm	
10.	Photometric accuracy	± 0.005 Abs with NIST standard	
11.	Photometric range	Up to 4 Abs.	
12.	Mono chromator	Czerny-Turner	
13.	Detectors	2 silicon diode detectors for simultaneous sample beam and reference beam measurements	
14.	Portability	The spectrophotometer should be Portable in nature, operated using either a desktop computer or a laptop, connecting via a USB cable.	
15.	Upgradable in the Future	Instrument should be upgradable for diffuse reflectance accessory as well as micro sample facilities in future.	

To be filled

by Tenderer

Name of the

Model

Manufacturer of

the Model

Year of release of the equipment

Signature ----- Name -----



TECHNICAL SPECIFICATION OF COMPUTER SYSTEM

Desktop with Keyboard & Mouse

S.No	DESCRIPTION	SPECIFICATION	REMARKS
1.	Processor	2.3 GHz Intel i7-7020u	SPECIFICATIONS OF THE ITEMSTO BE SUPPLIED BY THE TENDERER (WHETHERSAMEORHIGHERTHAN GIVENSPECIFICATIONS,IFHIGHER, DETAILS TOBE FURNISHED) FREE - INSTALLATION, DEMONSTRATION & TRAINING AT SITE WITH OPERATING MANUAL. WARRANTY - MINIMUM TWO YEARS FROM DATE OF INSTALLATION.
2.	RAM	8 GB DDR4	
3.	Hard Drive	1 TB 7200rpm	
4.	Monitor	21.5-Inch Screen, Integrated Graphics (FHD Display)	
5.	Operating System	WINDOWS 10	
6.	Keyboard+Mouse	Wireless Key Board & Wireless Mouse	

UPS

S.No	DESCRIPTION	SPECIFICATION	REMARKS
1.	Input - Range / Frequency(50Hz±5%)	145~300V AC	SPECIFICATIONS OF THE ITEMSTO BE SUPPLIED BY THE TENDERER (WHETHERSAMEORHIGHERTHAN GIVENSPECIFICATIONS,IFHIGHER, DETAILS TOBE FURNISHED) FREE - INSTALLATION, DEMONSTRATION & TRAINING AT SITE WITH OPERATING MANUAL. WARRANTY - MINIMUM TWO YEARS FROM DATE OF INSTALLATION.
2.	Output - Voltage / Transfer Time	230V ± 9% AC / <6ms	
3.	Battery - Type / Recharge Time	SMF / 2~5 Hrs. (depending on the status of Battery)	
4.	Backup Time/ Batery Rating	10 ~20mins. (Load 1PC) / 12V 7.2AH	
5.	Size (L x W x H)	(310x90x170)mm	
6.	Weight (Approx.)	7Kg.	

TO BE FILLED BY TENDERER

NAME OF THE MODEL _____

MANUFACTURER OF THE MODEL _____

RELEASE OF THE EQUIPMENT _____

YEAR OF _____

SIGNATURE _____

NAME _____

SEAL _____

TECHNICAL SPECIFICATION OF

Colour Printer

S.No.	DESCRIPTION	SPECIFICATION	SPECIFICATIONS OF THE ITEMSTO BE SUPPLIED BY THE TENDERER (WHETHER SAME OR HIGHER TH AN GIVEN SPECIFICATIONS,IF HIGH ER, DETAILS TO BE FURNISHED) FREE - INSTALLATION, DEMONSTRATION & TRAINING AT SITE WITH OPERATING MANUAL. WARRANTY - MINIMUM ONE YEAR FROM DATE OF INSTALLATION
01	Function	Print, scan and copy	
02	Print speed for colour	Upto 5 ppm	
03	Print technology	Inkjet	
04	Print speed for monochrome	Upto 12 ppm	
05	Duty cycle	Upto 3000 pages per month	
06	Print resolution	Upto 4800*1200 optimized dpi	
07	OS compatibility	Windows 11 ; windows 10; windows 07;Android	
07	connectivity	Wifi Direct , Hi speed USB 2.0 and Bluetooth Low energy	

TO BE FILLED BY TENDERER

NAME OF THE MODEL _____

MANUFACTURER OF THE MODEL _____ YEAR OF

RELEASE OF THE EQUIPMENT _____

SIGNATURE ----- NAME -----SEAL



TECHNICAL SPECIFICATION OF MICROPROCESSOR PH / EC METER

S.N.	DESCRIPTION	SPECIFICATION	REMARKS
1.	OVERALL FEATURE	<p>Microprocessor pH/Conductivity/TDS/ Salinity/Temp. Meter are search grade instrument with 16 ×2 Large LCD display having automatic calibration, automatic range selection, automatic Temperature compensation, selectable reference temp, fluid resistant housing &rotational electrode stand along with accessories. Data Storage fealty upto 1000 samples, complete with cel. temperature probe, rotational electrode stand, dust cover &instructions manual, computer interlace through USB (Table Model) price</p>	<p>Specifications of the items to be supplied bythe tenderer (whether same or higher than given specifications, ifhigher, details to be furnished) <i>Product should be certified- ISO/ISI/EC/US/EU.or equivalent standards</i> Free -Installation, demonstration &training at site with operatingmanual. Warranty - Minimum twoyears from date of installation.</p>

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कार्यालय सहायक मिट्टी रसायन विद्, गिरिडीह ।

वित्तीय प्रस्ताव

01.	फर्म का नाम				
02.	फर्म का पता			
03	अधिकृत प्रतिनिधि का नाम एवं मोबाईल नम्बर			
क्र० सं०	उपकरणों एवं सामग्रियों का नाम	आवश्यक मात्रा	इकाई	दर (अक्षर में) सभी कर सहित	दर (शब्द में) सभी कर सहित
1	Computer System	1 Set			
2	Colour Printer	1 Pcs			
3	Dauble Beam Spectrophotometer	1 Qnty			
4	Microprocessor/PH and Ec meter	1 Qnty			
5	Diphenyl Amine(500 GRM)	1 pcs			
6	Ammonium Ferrous Sulphate hexahydrate (500GRM)	1pcs			
7	Potasscim Dichromate (1 KG)	1pcs			
8	Orthophoric Acid (400GRM)	1pcs			
9	Sulphuric Acid (1 LTR)	1pcs			
10	Reagent Rifil Mrida Parisak	1pcs			
11	Bareiem Chloride(500 GRM)	1pcs			
12	Potassium Sulphate(500 GRM)	1pcs			
13	Calcium Chaloride (Cacl 2) (500GRM)	1pcs			
14	Gum Acacia (1 KG)	1pcs			
15	Azomethine-H (50 GRM)	1pcs			
16	Ascorbic acid (500GRM)	1pcs			
17	Ammonium acetate(500GRM)	1pcs			
18	Glacial acetic acid (500 ML)	1pcs			
19	Ethylene diamine tetra acetate(EDTA) (100 GRM)	1pcs			
20	Boric acid (500GRM)	1pcs			
21	Activated Charcoal (1 KG)	1pcs			
22	Calcium Chloride (500 GRM)	1pcs			
23	Tri Ethanol Amine (TEA) (250 GRM)	1pcs			
24	DTPA (DI ethylene Tri - amine	1pcs			

	Penta Acetic acid) (250 ML)				
25	Copper Standard (250 ML)	1pcs			
26	Marganese Standard(1pcs			
27	Iron Standdard (250 ML)	1pcs			
28	Zine Stabdard (250ML)	1pcs			
29	HCL (500ML)	1pcs			
30	Ammonium fluoride (500GRM)	2 pcs			
31	Ammonium Molybdate (500GRM)	2 pcs			
32	Antimony Potassium Tartrate (500GRM)	2 pcs			
33	Sulphuric acid (H ₂ SO ₄) (500ML)	2 pcs			
34	Ascorbic acid (500ML)	2 pcs			
35	Potassium bihydrogen orthophosphate (KH ₂ PO ₄) (500GRM)	2 pcs			
36	Potassium chloride (kcl)(500GRM)	2 pcs			
37	Ph Buffer Solution – 4.0(100ML)	2 pcs			
38	Ph Buffer Solution – 7.0(100ML)	2 pcs			
39	Ph Buffer Solution – 9.2(100ML)	2 pcs			
40	Ammonium Chloride(500GRM)	2 pcs			
41	Ammonium Acetate(500GRM)	2 pcs			
42	Sodium Hydroxide Pellets(500ML)	2 pcs			
43	Potassium Per Manganate Extrapure (500GRM)	2 pcs			
44	Boric Acid (500GRM)	2 pcs			
45	Bromocresol Green Solution (200ML)	2 pcs			
46	Methyl Red Solution (200ML)	2 pcs			

निविदा कर के हस्ताक्षर एवं सील

कार्यालय सहायक मिट्टी रसायन विद्, गिरिडीह।

निविदा आमंत्रण सूचना

विभाग द्वारा मिट्टी जाँच प्रयोगशाला, गिरिडीह के संचालन हेतु आवश्यक उपकरणों एवं सामग्रियों (निर्धारित तकनीकी मापदण्ड के अनुसार) के क्रय के लिये मोहरबंद निविदा आमंत्रित की जा रही है। रसायन, उपकरणों एवं सामग्रियों का विवरण एवं निविदा हेतु संकल्प धनराशि का विवरण निम्नानुसार है :-

आपूर्ति पूर्ण करने की अवधि		20 दिन		
वेबसाइट पर निविदा प्रकाशन की तिथि		28.12.2024		
निविदा की हार्ड कॉपी जमा करने की तिथि / समय / स्थान		15.01.2025 / 1:00 बजे अपराह्न / कार्यालय सहायक मिट्टी रसायनविद् गिरिडीह		
बीड खोलने की तिथि		15.01.2025 को अपराह्न 3:00 बजे		
निविदा प्रकाशित करने वाले कार्यालय का नाम एवं पता		कार्यालय, सहायक मिट्टी रसायनविद् गिरिडीह		
क्र० सं०	यंत्र का नाम	आवश्यक मात्रा	संकल्प धनराशि (राशि ₹0 में)	अभ्युक्ति
1	Computer System	1 Set	5000/-	<ul style="list-style-type: none"> • आवश्यकता के अनुसार सामग्री की मात्रा घटाई एवं बढ़ाई जा सकती है। • उपकरणों के तकनीकी मापदण्ड हेतु निविदा पत्र देखें।
2	Colour Printer	1 Pcs		
3	Dauble Beam Spectrophotometer	1 Qnty		
4	Microprocessor/PH and Ec meter	1 Qnty		
5	Diphenyl Amine(500 GRM)	1 pcs		
6	Ammonium Ferrous Sulphate hexahydrate (500GRM)	1pcs		
7	Potasscim Dichromate (1 KG)	1pcs		
8	Orthophoric Acid (400GRM)	1pcs		
9	Sulphuric Acid (1 LTR)	1pcs		
10	Reagent Rifil Mrida Parisak	1pcs		
11	Bareiem Chloride(500 GRM)	1pcs		
12	Potassium Sulphate(500 GRM)	1pcs		
13	Calcium Chaloride (Cacl 2)500GRM	1pcs		
14	Gum Acacia(1 KG)	1pcs		
15	Azomethine-H (50 GRM)	1pcs		
16	Ascorbic acid (500GRM)	1pcs		
17	Ammonium acetate(500GRM)	1pcs		
18	Glacial acetic acid (500 ML)	1pcs		
19	Ethylene diamine tetra acetate(EDTA) (100 GRM)	1pcs		
20	Boric acid (500GRM)	1pcs		
21	Activated Charcoal (1 KG)	1pcs		
22	Calcium Chloride (500 GRM)	1pcs		
23	Tri Ethanol Amine (TEA) (250 GRM)	1pcs		
24	DTPA (DI ethylene Tri – amine Penta Acetic acid) (250 ML)	1pcs		
25	Copper Standard (250 ML)	1pcs		
26	Marganese Standard(1pcs		
27	Iron Standdard (250 ML)	1pcs		
28	Zine Stabdard (250ML)	1pcs		
29	HCL (500ML)	1pcs		
30	Ammonium fluoride (500GRM)	2 pcs		
31	Ammonium Molybdate (500GRM)	2 pcs		
32	Antimony Potassium Tartrarte (500GRM)	2 pcs		
33	Sulphuric acid (H2SO4) (500ML)	2 pcs		
34	Ascorbic acid (500ML)	2 pcs		
35	Potassium bihydrogen	2 pcs		

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	orthophosphate (KH ₂ PO ₄) (500GRM)		
36	Potassium chloride (kcl)(500GRM)	2 pcs	
37	Ph Buffer Solution – 4.0(100ML)	2 pcs	
38	Ph Buffer Solution – 7.0(100ML)	2 pcs	
39	Ph Buffer Solution – 9.2(100ML)	2 pcs	
40	Ammonium Chloride(500GRM)	2 pcs	
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44	Boric Acid (500GRM)	2 pcs	
45	Bromocresol Green Solution (200ML)	2 pcs	
46	Methyl Red Solution (200ML)	2 pcs	

निविदा की प्रमुख शर्तें निम्नानुसार हैं :-

1. निविदा दो भागों में है, प्रथम भाग तकनीकी है एवं द्वितीय भाग वित्तीय है। तकनीकी निविदा में उपयुक्त पाये गये आपूर्तिकर्ताओं की वित्तीय निविदा खोली जाएगी।
2. आदेश जारी होने की दिनांक से आपूर्ति अधिकतम 20 दिनों में पूर्ण करना होगा।

निविदा प्रपत्र एवं विस्तृत शर्तें विभाग की वेबसाइट www.atmagiridih.co.in पर देखी जा सकती है।

निविदा प्रपत्र कार्यालय समय में दिनांक 01.01.25 से दिनांक 15.01.25 तक रू. 500/- भुगतान कर प्राप्त किये जा सकते हैं, निविदा दिनांक 15.01.25 को अपराह्न 1.00 बजे तक प्रस्तुत की जा सकेगी। तकनीकी निविदा दिनांक 15.01.25 को अपराह्न 3.00 बजे उपस्थित निविदाकर्ताओं के समक्ष खोली जाएगी। संकल्प धन राशि हेतु डिमाण्ड ड्राफ्ट एवं निविदा प्रपत्र हेतु डिमाण्ड ड्राफ्ट Assistant soil chemist, soil testing lab, Giridih के पक्ष में payable at Giridih होना आवश्यक है।

सहायक मिट्टी रसायन विद्,
गिरिडीह।

Ayan Kumar
10/01/25