

अनुबंध | Contract



अनुबंध क्रमांक | Contract No: GEMC-511687782152751

अनुबंध तिथि | Generated Date : 22-Feb-2025

बोली/आरए/पीबीपी संख्या | Bid/RA/PBP No.: [GEM/2024/B/5745622](#)

संगठन विवरण Organisation Details	खरीदार विवरण Buyer Details
प्रकार Type : Central Autonomous मंत्रालय Ministry : Ministry of Agriculture and Farmers Welfare विभाग Department : Department of Agricultural Research and Education (DARE) संगठन का नाम Organisation Name : Indian Council of Agricultural Research (ICAR) कार्यालय क्षेत्र Office Zone: Icar- Central Institute For Women In Agriculture, Bhubaneswar	पद Designation : STORESDA संपर्क नंबर Contact No. : 095-38464730- ईमेल आईडी Email ID : parikshit.mallik@icar.gov.in जीएसटीआईएन GSTIN : - पता Address : ICAR - Central Institute for Women in Agriculture Plot No. 50-51, Mouza - Jokalandi, P.O. - Baramunda, Bhubaneswar - 751003, Odisha, India, KHURDA, ODISHA-751003, India

वित्तीय स्वीकृति विवरण Financial Approval Detail	भुगतान प्राधिकरण विवरण Paying Authority Details
आईएफडी सहमति IFD Concurrence : No प्रशासनिक अनुमोदन का पदनाम Designation of Administrative Approval: DIRECTOR वित्तीय अनुमोदन का पदनाम Designation of Financial Approval : F&AO	Role: PAO भुगतान का तरीका Payment Mode: Offline पद Designation : FINANCE AND ACCOUNTS OFFICER ईमेल आईडी Email ID : pao78.icari.or@gembuyer.in जीएसटीआईएन GSTIN : 21AAAGC0478F1Z0 पता Address : ICAR - Central Institute for Women in Agriculture Plot No. 50-51, Mouza - Jokalandi, P.O. - Baramunda, Bhubaneswar - 751003, Odisha, India, KHURDA, ODISHA-751003, India

विक्रेता विवरण Seller Details
जेम विक्रेता आईडी GeM Seller ID : 663C180000110712 कंपनी का नाम Company Name : MOTRAS SCIENTIFIC INSTRUMENTS PRIVATE LIMITED संपर्क नंबर Contact No. : 09810018049 ईमेल आईडी Email ID : info@motras.in पता Address : PLOT NO 146 1ST FLOOR,INDERPURI, NEW DELHI, DELHI-110012, - एमएसएमई पंजीकरण संख्या MSME Registration number : UDYAM-HR-05-0003580 जीएसटीआईएन GSTIN: 07AAJCM9377L1ZM (B) , (R) , 06AAJCM9377L1Z0 (M) , (B) एमएसई सामाजिक श्रेणी MSE Social Category : General एमएसई लिंग श्रेणी MSE Gender : Male

*जिसके नाम के पक्ष में GST/TAX इनवॉइस पेश किया जाएगा | GST / Tax invoice to be raised in the name of - Buyer

वितरण निर्देश | Delivery Instructions : As per the required specification

उत्पाद विवरण Product Details						
#	आइटम विवरण Item Description	आइटम विवरण Ordered Quantity	इकाई Unit	इकाई मूल्य (INR) Unit Price (INR)	कर विभाजन (INR) Tax Bifurcation (INR)	मूल्य (INR में सभी शुल्क और कर सहित) Price (Inclusive of all Duties and Taxes in INR)
1	उत्पाद का नाम Product Name : MOTRAS SCIENTIFIC Double beam Atomic Absorption Spectrophotometer ब्रांड Brand : MOTRAS SCIENTIFIC ब्रांड प्रकार Brand Type : Registered Brand कैटलॉग की स्थिति Catalogue Status: OEM verified catalogue कैसे बेचा जा रहा है Selling As : OEM श्रेणी का नाम और चतुर्थांश Category Name & Quadrant : Atomic Absorption Spectrophotometer (AAS) (Q3) मॉडल Model: AAS PLUS एचएसएन कोड HSN Code: 9027	1	pieces	1,500,000	NA	1,500,000
कुल ऑर्डर मूल्य Total Order Value (in INR)						1,500,000

परोक्षिती विवरण Consignee Detail						
क्र.सं. S.No	परोक्षिती Consignee	वस्तु Item	लॉट नंबर Lot No.	मात्रा Quantity	दिलोके के बाद डिलीवरी शुरू करना है Delivery Start	वितरण पूरा कब तक करना है Delivery To Be Completed

					After	By
1	<p>पद Designation :- ईमेल आईडी Email ID : buyer477.icari.or@gembuyer.in संपर्क Contact :- जीएसटीआईएन GSTIN :- पता Address : ICAR - Central Institute for Women in Agriculture Plot No. 50-51, Mouza - Jokalandi, P.O. - Baramunda, Bhubaneswar - 751003, Odisha, India, KHURDA, ODISHA-751003, India</p>	MOTRAS SCIENTIFIC Double beam Atomic Absorption Spectrophotometer	1	1	25-Feb-2025	09-Mar-2025

Product Specification for MOTRAS SCIENTIFIC Double beam Atomic Absorption Spectrophotometer

विनिर्देश Specification	उप-विनिर्देश Sub-Spec	मूल्य Value
TYPE	Type of Atomic Absorption Spectrometer (AAS)	Double beam
	Monochromator type	Czerny-turner
	Detector Type	Photo Multiplier Tube (PMT)
SPECTRAL	Source Wavelength - Minimum	185 nanometer
	Source Wavelength - Maximum	900 nanometer
	Accuracy (+/-)	0.1 nanometer
	Repeatability	0.05 nanometer
	Diffraction grating (lines/mm)	1800
	Wavelength setting and scanning	Automatic
	Slit width Adjustment	Automatic
	Slit width range(nm)	0.1 - 2.0
	Resolution (nm/mm)	0.1 parts per million
	Bandwidth (nm)	0.1-1.0
	Focal length (mm)	0 to 49
LIGHT SOURCE	Light Source	Hollow Cathode Lamp (HCL)
	Type of HCL	Single element
	Number of Single element HCLs supplied (inclusive in the scope of supply)	1
	Number of multiple element (alloy) HCLs supplied (inclusive in the scope of supply)	1
	Measuring modes (K factor and standards)	Transmittance,Absorbance,Concentration (Wavelength, time),Emission
	Detectable Elements using single element HCL	Cu,Fe,Zn,Mn,Mg,B,K,Mo,Ca,As,NA,Al,Au,Be,Ba,Bi,Cd,Ce,Co,Cr,Ir,Li,Ni,Pb,Pd,Pt,Rh,Se,Si,Sn,Sr,Te,Ti,Tl,V,Zr,Hg,Sb,Ag,Na
	Detectable Elements using multi element HCL	Na-K,Ca-Mg,Si-Al,Fe-Ni,Sr-Ba,Al-Ca-Mg,Ca-Mg-Zn,Cu-Mo-Co-Zn,Cd-Cu-Pb-Zn,Cu-Fe-Zn-Mn,Co-Cr-Cu-Fe-Mn-Ni,Cd - Hg - Pb
	Measurement level	ppm level
	Lifespan of Single element lamp (mA-Hr)	5000
	Lifespan of multi-element/Alloys lamp (mA-Hr)	5000
Number of sockets on Turret	8	
ATOMIZER	Type of atomizer	Integrated Flame Burner & GF
	Nebulizer	Pt/Ir nebulizer
	Background Correction	D2 Lamp method
	Flame and furnace change over switch	Automatic
	Burner diameter (mm)	50
	Coolant	Air type
	Sample volume	10 milliliter
	Corrosion resistant Chamber	Yes
	Adjustable aerosol based nebulizer	Yes

	flow	
	Furnace heating range (Degree celcius)	0 - 3000
	Time for analysis (sample)	10 second
GENERIC	Display	through PC
	Display type	LCD with Backlight
	Test result printing	Through external printer
	If inbuilt printer, Type of printer	Color inkjet
	Connectivity	USB,ETHERNET,RS 232
	Safety sensors	Pressure sensor,Flame Sensor,Flame Ignition Sensor,Burner interlock,N/A,Power failure protection,Nebulizer Sensor,Auto ignition
	Burner movement (lateral,horizontal & height)	Automatic
POWER SOURCE	Power Supply	230 V A.C ± 10%,50 Hz
OPERATING CONDITIONS	Minimum Operating Temperature	10 degree Celsius
	Maximum Operating Temperature	45 degree Celsius
	Operating Humidity (RH) (%) at 40 degree c	85 percent
ACCESSORIES	Type of gas cylinders	Acetylene
	Type of Regulators supplied	With Heater
	Number of Regulators Supplied (inclusive in the scope of supply)	2
	Number of Acetylene Cylinders supplied (inclusive in the scope of supply)	2
	Capacity of each Acetylene cylinder (Litres)	40
	Number of Nitrous oxide Cylinders supplied (inclusive in the scope of supply)	1
	Capacity of each Nitrous oxide cylinder (Litres)	47
	Gas cylinders confirming to	IS : 7285 latest
	Gas cylinders having PESO certificate	Yes
	Other accessories (inclusive in the scope of supply)	Gas flow control box,Oil Moisture Filters,SS Exhaust fume hood with blower,Schematic diagram and instruction manual,Hydride generator,Auto sampler
	Suitable software for connecting PC & Printer (inclusive in the scope of supply)	Yes
	Any other features/accesories covered in scope of supply	PC
	WARRANTY / AVAILABILITY OF SPARES	warranty (Year)
Spares and Consumables inclusive in the scope of supply		Yes
List of Items and Quantity of each item included in the offer		GAS CYLINDER
CERTIFICATION	Availability of UL/CE Certification as per EN 61010-1:2010 Safety requirements for electrical equipment for measurement, control, and laboratory use General requirements	Yes
	Conformance to EMC/EMI as per EN 61326-1:2013 Electrical equipment for measurement, control and laboratory use	Yes
	Availability of Test Reports from Central Govt / NABL approved / ILAC accredited Lab to prove	No

conformity to the specification	
If yes test report to furnished, to the buyer on demand	N/A
Test Report number and date	NA
Name and address of the Lab	NA

मूल्य द्विभाजन एक्सेल फ़ाइल विवरण | Price Bifurcation Excel File details: [Price Bid](#)

ईपीबीजी विवरण | ePBG Detail

सलाहकार बैंक Advisory Bank :	State Bank of India
ईपीबीजी प्रतिशत (%) ePBG Percentage(%):	3.00

बोली लगाने वाले को बोली के नियमों और शर्तों के अनुसार लागू ईपीबीजी प्रस्तुत करना होगा | The bidder shall furnish ePBG as applicable as per bid's terms and conditions

नियम और शर्तें | Terms and Conditions

1. General Terms and Conditions-

- 1.1 This contract is governed by the [General Terms and Conditions](#), conditions stipulated to this Product/Service as provided in the Marketplace.
- 1.2 This Contract between the Seller and the Buyer, is for the supply of the Goods and/ or Services, detailed in the schedule above, in accordance with the General Terms and Conditions (GTC) unless otherwise superseded by Goods / Services specific Special Terms and Conditions (STC) and/ or BID/Reverse Auction Additional Terms and Conditions (ATC), as applicable
- 1.3 All GeM Sellers / Service Providers are mandated to ensure compliance with all the applicable laws / acts / rules including but not limited to all Labour Laws 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. Any non-compliance will be treated as breach of contract and Buyer may take suitable actions as per GeM Contract.

2. Buyer Added Bid Specific Terms and Conditions-

2.1 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 by up to 25% of the contracted quantity during the currency of the contract at the contracted rates. Bidders are bound to accept the orders accordingly.

2.2 Buyer Added Bid Specific ATC:

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

2.3 Buyer Added Bid Specific ATC:

Buyer Added text based ATC clauses

Note: Read the Buyer Added ATC Document thoroughly and completely and the terms and conditions mentioned in Buyer ATC supersede GeM conditions if case of any contradiction.

PROCEDURE TO BE FOLLOWED FOR SUBMISSION OF TENDER:

Bidder firms which fulfil the below eligibility conditions may upload the technical bid and Financial bid along with the scanned copy of requisite documents as detailed under failing which bids will be rejected.

TECHNICAL BID:

Sl	Documents	Procedure to be followed
1	EMD	Scanned Copy of the EMD should be uploaded on GeM-portal under Technical BID Original Earnest Money Deposit in the form of Demand Draft/Pay order/NEFT/RTGS in favour of "ICAR Unit- DRWA, Account Number-10478302130, IFSC code-SBIN0009027, Name of the Bank- State Bank of India, Priyadarshini Market Branch, Branch code- 9027" payable at Bhubaneswar as mentioned in this Tender Notice should be placed in a sealed envelope super scribed " <u>EMD for supply of Atomic Absorption Spectrophotometer for ICAR-CIWA Bhubaneswar</u> " along with bidders' name, address and contact details and should be submitted to Administrative Section, 1st Floor, Main Building, ICAR-CIWA, Plot 50-51, Mouza-Jokalandi, Kalinga Studio Chowk, Bhubaneswar - 751003 within the time limit notified in this Tender Notice.
2	Documents to be submitted	All required/relevant documents as per Checklist (Annexure-II) to the Buyer Specific ATC Document and additional documents as per tender document should be uploaded in GeM Portal with all pages serially numbered and attested/signed by the Authorised Signatory

FINANCIAL BID:

Bidders have to submit online Financial Bid on e-portal as per proforma given in ANNEXURE XII to the Buyer Specific ATC Document

NOTE:

SCOPE OF WORK / LIST OF ITEM

-

Introduction

ICAR-CIWA, Bhubaneswar has decided to procure **Atomic Absorption Spectrophotometer (AAS)** through GeM Portal, as indicated in the specifications, from various vendors who have executed related works in Government Department, PSUs, Government Institutes / bodies, etc.

Specifications

Atomic Absorption Spectrophotometer (AAS)

Specification

1. Optics: Double Beam optics with Czerny-turner mechanism.
2. Operation: Both standalone through Touch Screen & PC control
3. Wavelength Range: 185 nm to 900 nm
4. Grating: Holographic Grating based monochromatic -1800mm lines/mm
5. Bandwidth: 0.1 nm, 0.2 nm, 0.4 nm, 0.6 nm & 1.2 nm, Auto positioning
6. Measuring Mode: Concentration, Abs, Emission
7. Wavelength Accuracy: ± 0.2 nm
8. Wavelength Repeatability: ± 0.1 nm
9. Baseline Drift: 0.004A/10 min
10. Detector: Photomultiplier Tube (PMT Based)
11. HCL Turret: Four Auto Positioning HCL turret
12. Flame Ignition: Automatic
13. Safety Features: Gas Leak Sensor, Flame Monitor Sensor & Auto Gas Cut off
14. Atomization Chamber: Teflon Chamber, Corrosion-resistant
15. Nebuliser: High efficiency Glass sprayer with metal sleeve
16. Operating system: Window 10 pro support, touch screen and keyboard
17. Display: In-built display LCD Touch screen multi touch and keyboard

-

Accessories:

1. HCL Lamps: Cu, Fe, Zn, Mn, Mg, Na, K, P, B, Ca, Cd, Cr, Pb, Co, Ni
2. Nebulizer: 02-03 Nos.
3. Acetylene Gas Cylinder with Gas Regulator
4. AAS Grade water: 25-30 Liters
5. 5.0 KVA On-line UPS
6. Laptop with Laser Printer
7. Fume Hood of Suitable Size
8. Suitable SS Fume Exhaust system should be supplied & installed (Duct length 5.0 m)
9. 1 No. of standard solutions for each element (Cu, Fe, Zn, Mn, Mg, B, Na, K, P, Ca, Cd, Cr, Pb, Co, Ni)

Warranty: 60 Months or more

Delivery of the Tendered Items:

The selected vendor is responsible for supply of the tendered items and the same should be delivered within the time period specified in the GeM Bid.

Location: ICAR-CIWA, Plot 50-51, Opp Kalinga Studio, Mouza-Jokhalandi, Post Baramunda, Bhubaneswar - 751003

Warranty Period:

The vendor is expected to provide a warranty/guarantee as per specifications for all supplied components. During this period, any necessary repairs or replacements for the equipment or its parts will be undertaken by the vendor at no cost to ICAR-CIWA.

-

Contact:

For further details, you may please feel to contact the Purchase Officer - [0674-2387245](tel:0674-2387245) / [+91 8 971992573](tel:+918971992573) / stores.ciwa@icar.gov.in

For clarification regarding the technical specification, you may please call: Dr. Sachidananda Swain (9933282236, sachidananda.swain@icar.gov.in)

DETAILS OF DOCUMENTS TO BE PROVIDED AGAINST GeM BID

Note: All documents along with above check list shall be dully signed and stamped by the bidder. Non-attested documents will not be considered.

Sl. No.	Parameters/ Documents to be attached	Provided (Yes/ No)	Reference Page no./ Remarks
1	Certification/Registration Details		
1.1	PAN Card		
1.2	GST Registration		
1.3	MCA/Company Registration		
1.4	TAN Number (if applicable)		
1.5	NSIC/SSI certificates registered with NSIC (if applicable)		
1.6	Udyam Registration Certificate (if applicable)		
2	Certified copies of Balance Sheet by the Registered Chartered Accountants for the following years		
2.1	FY 2021-22/AY 2022-23		
2.2	FY 2022-23/AY 2023-24		
2.3	FY 2023-24/AY 2024-25		
3	Certified copies of Profit & Loss Account by the Registered Chartered Accountants for the following years		
3.1	FY 2021-22/AY 2022-23		
3.2	FY 2022-23/AY 2023-24		
3.3	FY 2023-24/AY 2024-25		
4	Self-attested copies of Income Tax Return for the following years		
4.1	FY 2021-22/AY 2022-23		
4.2	FY 2022-23/AY 2023-24		
4.3	FY 2023-24/AY 2024-25		
5	Annual Turnover certificate of the bidder for the last 03 financial years (Financial Year 2021-22, 2022-23 and 2023-24) duly certified by a registered Chartered Accountant		
6	Annual Turnover certificate of OEM for the last 03 financial years (Financial Year 2021-22, 2022-23 and 2023-24) duly certified by a registered Chartered Accountant		
7	Scanned copy of GST clearance and deposit receipt for months of April to November 2024 (any two months) in form GSTR-3B as per rule (5)		
8	Tender Acceptance Form (Annexure - III)		
9	Original Equipment Manufacturer (OEM)'S Authorization Form (Annexure - IV) (if applicable)		
10	Self-Certification on company letter head: Restrictions under Rule 144 (xi) of the General Financial Rules (GFRs), 2017 (Land Border Sharing) (Annexure - V)		
11	Local Content Deceleration under Preference to "MAKE IN INDIA" Policy (Annexure -VI)		
12	Experience Certificate/ Past performance Certificate as per bid requirement (Annexure - VII)		
13	Bid Securing Declaration Form on Company's letter head (Annexure - VIII)		
14	Undertaking on Company letter head regarding Fall Clause (Annexure - IX)		
15	Self-Certification on company letter head regarding non-blacklisting of the firm (Annexure - X)		
16	Technical Specification Compliance/Deviation (Annexure-XI)		
17	Quoted Product Brochure/Catalogue		

18	Compliance undertaking regarding Comprehensive Warranty and Post Warranty CAMC, if any, as per requirement of the Bid.		
19	Any other additional information/documentation as required in the bid		

नोट: यह सिस्टम जनरेटेड फाइल है। कोई हस्ताक्षर की आवश्यकता नहीं है। इस दस्तावेज़ का प्रिंट आउट भुगतान/लेनदेन उद्देश्य के लिए मान्य नहीं है।

Note: This is system generated file. No signature is required. Print out of this document is not valid for payment/ transaction purpose.