



**CSIR – INDIAN INSTITUTE OF PETROLEUM
(COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH)
HARIDWAR ROAD, MOHKAMPUR, DEHRADUN INDIA – 248005**

**EXPRESSION OF INTEREST
for
FINDING / SEARCHING DOMESTIC MANUFACTURERS OR SUPPLIERS FOR
SCIENTIFIC / R&D ITEMS**

IIP REF: IIP/EOI/2020/MII/

HARD COPY of your proposal to be submitted to:

**Controller of Stores & Purchase
CSIR - INDIAN INSTITUTE OF PETROLEUM
(COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH)
HARIDWAR ROAD, MOHKAMPUR, DEHRADUN INDIA – 248005
E-Mail: cosp@iip.res.in, rawats@iip.res.in
Website: <http://www.iip.res.in>**

LAST DATE FOR SUBMITTING WRITTEN PROPOSAL: Dec 1 , 2020, 3.00 P.M

**ENQUIRIES SEEKING NAMES OF INDNETORS / END USERS SHALL NOT BE ENTERTAINED. ALL
INSTRUCTIONS ARE AVAILABLE IN THIS DOCUMENT ONLY. PLEASE READ IT THOROUGHLY.**

CSIR-Indian Institute of Petroleum (IIP), Dehradun, an ISO 9001 Institute, is one of the leading constituent laboratories under Council of Scientific & Industrial Research (CSIR) engaged in R&D work in petroleum refining, natural gas and petro-chemicals and contributing towards creation of state of the art technology & products intends to procure various scientific instruments/ items as per the detailed specifications provided in this document. Normally most of these items with the kind of specifications and parameters required for users in IIP for their research purposes are available through international manufacturers / suppliers. In pursuance of recent policies / guideline /orders issued by various Ministries of the Govt. of India to encourage domestic manufacturing and preference to domestic suppliers under various programs like 'Make in India', 'Atma Nirbhar Bharat' etc. interested firms capable of offering the listed items are requested to respond to this notice.

Firms are requested to refer to the **Order Nos. P-45021/2/2017-PP (BE-II) dt. 15.06.2017 as amended vide order of even number 28.05.2018, 29.05.2019, 04.06.2020, and 16.09.2020** issued by Public Procurement Section of DPIIT, Min. of Commerce & Industry, Government of India in their own interest to know about the provisions related to domestic suppliers for participation in open tenders. Firms may also refer to various other policies / programs of the Govt. related to promoting domestic manufacturing and/or supply.

Following is the list of items with their detailed specifications that are required by users in CSIR-IIP to meet their research requirements. WE STRONGLY ENCOURAGE INDIAN MANUFACTURERS / SUPPLIERS OF SAME / SIMILAR ITMES TO GO THROUGH THE TECHNICAL PARAMETERS AND WRITE TO US EXPRESSING THEIR INTEREST TO MANUFACTURE / SUPPLY THE SAME. WHEREVER IT IS FELT THAT ANY / SOME PARAMETERS ARE RESTRICTIVE OR SUPERFLOUS IN NATURE, DOMESTIC MANUFACTURERS CAN BRING THE SAME TO OUR NOTICE.

DOMESTIC MANUFACTURERS / SUPPLIERS, INDIAN SUBSIDIARIES OR AGENTS OF FOREIGN MANUFACTURERS / SUPPLIERS ARE REQUESTED TO GO THROUG THE PROVISION OF ORDERS ISSUED BY DPIIT, MIN. OF COMMERCE & INDUSTRY OR ANY OTHER ORDER / CIRCULAR ISSUED BY OTHER MINISITRIES TO EXPRESS THEIR INTEREST TO SUPPLY THE ITEMS REQUIRED BY CSIR-IIP IN COMPLIANCE OF THE PROVISIONS OF THE THOSE ORDER(S)/CIRCULARS.

AFTER EVALUATING RESPONSE TO THIS EOI NOTICE, CSIR-IIP WILL DECIDE ABOUT FLOATING GLOBAL TENDER ENQUIRY (GTE) AFTER SEEKING APPROVAL OF THE COMPETENT AUTHORITY ONLY FOR SUCH ITEMS FOR WHICH NO DOMESTIC MANUFACTURER OR SUPPLIER HAS EXPRESSED INTEREST TO SUPPLY THE ITMES WITH THE REQUIRED SPECIFICATIONS IN PURSUANCE OF THE SAID GOVT. CIRCULARS / ORDERS / NOTIFICATIONS.

CRITICAL DATE SHEET

क्रमांक Sl. No.	प्रक्रमStage	दिनांक और समय Date & Time
1.	प्रकाशनकादिनांक और समय Publish Date & Time	06.11.2020 1600hrs IST
2.	दस्तावेजविक्रय / डाउनलोडकाप्रारंभदिनांक और समय Sale /document Download Start Date & Time	06.11.2020 1600hrs IST
3.	संदेह / सवालपूछनेकीअंतिमदिनांक और समय Last Date & time for receipt of queries	13.11.2020 1500hrs IST
4.	बोलीपूर्वसम्मेलन, यदिहोतो Pre-bid Conference, if any	NOT APPLICABLE
5.	बोलीजमाकरनेकीप्रारंभिकदिनांक और समय Bid Submission Start Date & time	06.11.2020 1600hrs IST
6.	बोलीजमाकरनेकीअंतिमदिनांक और समय Bid Submission End Date & Time	01.12.2020 1500hrs IST
7.	बोलीखोलेजानेकीदिनांक और समय Bid Opening Date & Time	02.12.2020 1500 HRS IST

EXPRESSION OF INTEREST

1	Item Name :	Atomic Absorption Spectrophotometer (under Buyback basis) for Elemental Analysis (metals)
	The details of the item which is available with us for Buy Back	
	Name of the equipment	Atomic Absorption Spectrophotometer
	Model	Solar M6, Dual Zeeman, 2007
	Name of the manufacturer	Thermo Fisher
	Present Condition	Not working, Serviceable
Technical Specifications		
	Application	Article I. The system should capable of analyzing elements/trace metals from sub-ppm to percentage level as per applicable ASTM methods in the following samples: Petroleum crude oil and its products, Catalyst samples, Biodiesel, and water
	Hardware configuration	The system should be of the latest and most advanced model, and ready in all aspects to analyze the above-mentioned samples. The instrument should have integrated Flame with autosampler and 50 mm universal burner. (if the universal burner is not available then, 50 mm & 100 mm burners should be offered)
	Wavelength	190nm - 900nm
	Lamp holder position	Minimum 8 position or more. The lamps should be fully automatically aligned for specific wavelength and current. All lamps should be simultaneously illuminated.
	Flame ignition	Automatic ignition of flame on one switch mode. The gas control should be automatic and software-controlled safety interlocks. The gas pressure and flow rate of acetylene, argon, nitrous oxide, and air must be automatically set for a specific atomization state
	Data Control	<ul style="list-style-type: none"> • The instrument should have user-friendly software and a choice of a proven simple calibration equation for the analysis of unknown metal concentrations. • The software must be the latest version and window based and should have a real-time reference curve capability and calculation capability • The software should be compatible with windows with all required functions for instrument control, data acquisition and analysis, and necessary report utilities • The software update and upgradation should be free of cost for 5 years
	Power	Indian standard of 240 V and 50 Hz.
	Accessories	<ul style="list-style-type: none"> • Coded lamps: Be, Cu, Fe, Ni, Mg, Ca, Na, Ba, Mn, Ag, Co, As, Cd, Pb, Zn, K, V, Sb, Se, Te, Mo, Au, Ti, Si, Pd, Li, Cr. Minimum 100 ml of 1000 ppm of standard solutions of these elements for calibration. • Sample introduction facility for both aqueous and organic samples. • PC with the latest windows version and laserjet color printer. The application software should be provided with a license • One Acetylene, one argon, and one nitrous oxide filled cylinder with explosion certificate with standard suitable regulators • Gas purification system for the above gases • Oil-free air compressor with air filter, preferably noise-free • Suitable Exhaust Hood • ALL accessories for the smooth operation of instrument for 2 years
	Warranty	Two years of comprehensive warranty from the date of installation on the complete system, including all the subsystems. In case of breakdown during the warranty period, a competent service engineer of the supplier should make as many visits as necessary to rectify the problem and replace the faulty parts. But it should be repaired/ contacted within 72 working hours from the date and time of complaint lodged by the user.
	Application	Onsite training to personnel for the smooth operation of the instruments.

	Training	
	Availability of spares & Consumables	The bidders should certify that hardware, software, and consumable spare parts will be available at least for the next 10 years for the quoted model
	Documents	<ul style="list-style-type: none"> • The manufacturer should provide all the supporting documents to prove the capabilities of the proposed advanced instrument • Application notes/supporting documents of the above-mentioned samples • Electric /wiring diagram of the instrument to be provided • User list with contact numbers (recent 3 years)
	Service Support	The vendor should have local application and service support.
	Installation	Installation and commissioning should be free of cost at CSIR-IIP, Dehradun

For and on behalf of CSIR

Sd/-

Controller of Stores & Purchase



IMPORTANT INSTRUCTIONS

- INTERESTED FIRMS NEED TO SUBMIT PROPOSALS IN HARD COPY FORMAT LATEST **BY Dec.1, 2020**. WE MAY NOT BE ABLE TO CONSIDER PROPOSALS RECEIVED AFTER THIS DATE. THIS WILL NOT HOWEVER PREVENT YOU FROM PARTICIPATING IN THE OPEN TENDERING PROCESS, IF DONE SUBSEQUENTLY THROUGH GeM OR CPPP PORTAL.
- PLEASE NOTE THAT CSIR-IIP'S ITEM SPECIFICATIONS / PARAMETERS ARE BASED ON USERS RESEARCH REQUIREMENTS AND FUNCTIONAL NEEDS AND MAY INVITE THE FIRMS FOR PRE INDENT MEETING / PRESENTATION /DISCUSSIONS. INTIMATION RE. THAT SHALL BE SENT SEPARATELY BY EMAIL ONLY AND ALSO HOSTED ON CSIR - IIP WEBSITE. THERE IS NO NEED TO FOLLOW UP TELEPHONICALLY AND/OR THROUGH EMAIL.
- WRITE ON THE MAIN ENVELOPE 'EXPRESSION OF INTEREST' FOR 'ITEM NAME' WITH 'REF. NO.' AS GIVEN IN THIS BID DOCUMENT. THE ENVELOPE MUST BE ADDRESSED TO THE **CONTROLLER OF STORES & PURCHASE** AND SENT TO THE ADDRESS PROVIDED ON THE TITLE PAGE OF THIS DOCUMENT.
- SEND ONLY TECHNICAL LITERATURE / BROCHURE. THERE IS NO NEED TO ENCLOSE RECOMMENDATION LETTERS OR ANY OTHER DETAILS NOT CONCERNED WITH THE TECHNICAL ASPECT OF THE ITEM AT THIS STAGE. **PLEASE NOTE THAT NO FORMAL OPENING WILL TAKE PLACE AT A SPECIFIED DATE OR TIME FOR THE OFFERS RECEIVED AS THIS BEING PROSPECTING ACTIVITY IS JUST AN INFORMATION GATHERING / SEEKING EXERCISE AND NOT A TENDERING PROCESS.**
- THIS EXERCISE IS BEING CARRIED OUT TO GET DETAILED IDEA ABOUT THE TYPE OF SPECIFICATIONS, TECHNICAL PARAMETERS INDIAN MANUFACTURERS ARE WILLING AND ABLE TO MANUFACTURE AND / OR SUPPLY (IN PURSUANCE OF VARIOUS GOVERNMENT POLICIES / GUIDELINES / INSTRUCTIONS) FOR THE TYPE OF EQUIPMENT DESIRED TO BE PROCURED BY CSIR – IIP SO THAT CSIR – IIP CAN AVOID GOING FOR GLOBAL TENDERING AND ENCOURAGE DOMESTIC MANUFACTURING AND COMPETITION.
- **BEING A PUBLIC FUNDED ORGANIZATION CSIR-IIP IS ENTITLED TO CONCESSIONAL GST @5% AND CONCESSIONAL CUSTOMS DUTY PAYABLE UNDER...**
- OPTIONALLY FIRMS MAY ALSO ENCLOSE 'BUDGETARY OFFER' TO ENABLE US TO GET BROAD IDEA ABOUT THE PRICING. **PLEASE NOTE THAT THIS IS NOT A TENDER OR BIDDING PROCESS AND THE PRICES SENT BY YOU SHALL NOT BE USED TO MAKE PURCHASE DECISION AT ALL.** WE WILL FRAME ITEM SPECIFICATIONS & DETAILED BID DOCUMENT AFTER WHICH TENDERING PROCESS SHALL BEGIN. YOU MAY GET OPPORTUNITY TO PARTICIPATE IN OUR TENDERING PROCESS WHERE BID PRICES ARE ALSO REQUIRED TO BE QUOTED. **DISCLOSING BUDGETARY PRICES AT THIS STAGE IS PURELY OPTIONAL & FIRMS MAY SKIP THIS IF THEY FEAR LOSING COMPETITIVE ADVANTAGE AT THE TENDERING STAGE LATER.**
- WARRANTY, EXTENDED WARRANTY AND AMC OFFERINGS AVAILABLE (PERIOD OF COVERAGE AND ESTIMATE) SHOULD BE PROVIDED FOR ALL ITEMS.

For and on behalf of CSIR
Sd/-

CONTROLLER OF STORES & PURCHASE

