

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.

क्रमांक SI. No.	प्रक्रमStage	दिनांकऔरसमयDate & Time			
1.	प्रकाशनकादिनांकऔरसमय Publish Date & Time	06.11.2020 1600hrs IST			
2.	दस्तावेजविक्रय / डाउनलोडकाप्रारंभदिनांकऔरसमय	06.11.2020 1600hrs IST			
	Sale/document Download Start Date & Time				
3.	संदेह / सवालपूछनेकीअं□िमदिनांकऔरसमय	13.11.2020 1500 hrs IST			
	Last Date & time for receipt of queries				
4.	बोलीपूर्वसम्मेलन, यदिहो□ो	NOT APPLICABLE			
	Pre-bid Conference, if any				
5.	बोलीजमाकरनेकीप्रारंभिकदिनांक औरसमय	06.11.2020 1600hrs IST			
	Bid Submission Start Date & time				
6.	बोलीजमाकरनेकीअं□िमदिनांकऔरसमय	01.12.2020 1500hrs IST			
	Bid Submission End Date & Time				
7.	बोलीखोलेजानेकीदिनांक औरसमय	02.12.2020 1500 HRS IST			
	Bid Opening Date & Time				

CRITICAL DATE SHEET

1	Item Name :	GAS ANALYSER SYSTEM FOR ONLINE/OFFLINE USAGE
	and 1 no heated GSV and required CO, CO2, N2), H2S, H2O, C1-C6 hydroxingle report for both the detectors fo Performance	
	Highly precise retention time repeatal Area repeatability(<0.5%RSD),full EF GC Flow Control	
	Highly precise electronic pneumatic digital pressure control (DPC) for inju- The precise pneumatics and tempera Pressure set point of at least 0.001 displayed on screen.	control (EPC) or electronic flow control (EFC) or pneumatic pressure control (PPC) or ectors, detectors and auxiliary gases controllable through input keyboard or GC software. ture control must be evident with chromatographic performance of the instrument. psi. Flow or pressure set point parameter for on each inlet/injector or detector should be
	Automatic control of split vent, autom Alarm facility for heater, sensor and g	atic setting of split flow rates and split ratios by software. gas flow faults.
		uld be 0.1°C.
		r better. S/SL umns with internal diameter ranging from 0.1 to 0.53 mm.
	All injection ports should be independ Multi-port automatic heated gas sam a micro reactor (to reduce high press	pling valve for on-line analysis with 0.25, 0.5ml and 1 ml loop using GC Transfer Line from
	Detectors Highly sensitive Flame Ionization Det Flame out detection and automatic re Maximum temperature of FID should Maximum detection limit: less than 2 Linear dynamic range should be 10 ⁷ Thermal Conductivity Detector (TCD)	e-ignition. be 450°C or better pg Carbon/sec. or better
	Maximum temperature of TCD should	inimum 800 pgtridecane /mL or 300pg butane with He carrier.
		ve separate controls for both detectors. for both detectors (TCD&FID)
	quantitative data analysis feature (ind report for both the detector for a sin operating system, 8 GB RAM, 1TB H along with all original operating system preferable.	supported advanced user friendly data analysis/acquisition software equipped with cluding original CDs with license numbers).Software should provide a single and compiled ngle injection. PC with latest processor intel i5(at least 5th generation) and windows 10 HDD, DVD RW multi with 22" LED monitor, Wi Fi, Lan port, USB key board, USB mouse stem and mother board CDs. PC with higher than above mentioned specifications is
	The system must be capable of carry Accessories	ing out self-diagnostics in case of errors.
	A set of GC columns as spare (one s	and detector interface for wide and narrow bore capillary GC columns.
	Nuts, ferrules, spanner, tube cutter, s 2 bottles snoop leak detector and gla Liners for S/SL inlet (5nos)	crewdrivers, wrench and SS tubing for carrier connection into GC. ss wall.
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Sample loop 2 mL	ĺ
Calibration gas mixture RGA standard	
Installation, Warranty, AMC and Training Necessary pre-installation advice should be sent immediately before shipping the instrument.	
At least 12 months comprehensive warranty from the date of commissioning.	ĺ
Onsite comprehensive user and maintenance training. Complete demonstration of installation checkout specifications failing which instrument will not be accepted. Detailed circuit diagrams, service and operation manuals.	
A certificate of the principal firm be included stating the instrument spares and service will be available 10 years after the supply.	
Terms and conditions for instrument	l
The supplier must provide installation, commissioning and complete training to users without any additional cost and supply relevant operating and servicing manuals in printed and soft formats.	
The supplier must demonstrate that they have appropriate setup and capability to provide after sales technical support and timely servicing of the instrument. In addition, list of existing users of similar instruments from other institutes should be provided along with the availability of trained and efficient service engineers.	
The tender document MUST enclose valid standard specification documents from the company and every specification must be	
a part of that standard document.	ĺ
The valve diagram must be supplied with the tender.	1

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 /DSICUSSIONS. 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 & PURCHASEAND 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 MANNUFACTURE 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 DECISIONAT ALL. WE WILL FRAME ITEM SPECIFICATIONS& DETAILED BID DOCUMENTAFTER 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