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CSIR-Indian Institute of Petroleum

(वैज्ञानिक एवं औद्योगिक अनुसंधान परिषद)
(Council of Scientific & Industrial Research)

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ISO-9001-2015 Regd. Institute

Subject: Invitation of Expression of Interest for “Transformer Oil Gas Analyzer (TOGA) as per ASTM D3612 – 02 (2017); Method C”

CSIR-Indian Institute of Petroleum (IIP), Dehradun, and ISO 9001-2015 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. CSIR-IIP has been working on several projects of National importance independently and also in collaboration with well-known Indian & foreign organizations.

This EOI is designed to explore the market and to finalize specifications based on technical discussions/presentations with the experienced Engineering/Fabricating companies/Firms in a transparent manner for a “Transformer Oil Gas Analyzer (TOGA) as per ASTM D3612 – 02 (2017); Method C”

E-BIDS for EOI are hereby invited through Central Public Procurement (CPP) Portal (<https://www.etenders.gov.in>) and only online offers will be entertained from the registered bidders of CCP Portal.

Reference No.: IIP/PUR/1/21-22/497/EOI/TOGA/JG/PO:

“Transformer Oil Gas Analyzer (TOGA) as per ASTM D3612 – 02 (2017); Method C”

Last date of submission : 16.11.2021 by 2:00 PM

Date of opening : 17.11.2021 at 2:00 PM

Interested bidders may download the details from our Website: www.iip.res.in or on CPP Portal (<https://www.etenders.gov.in>).

For and on behalf of CSIR


Controller of Stores & Purchase

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EOI are hereby invited from reputed engineering/fabricating companies/firms for putting up 'Transformer Oil Gas Analyzer (TOGA) as per ASTM D3612 – 02 (2017); Method C'. Firms having done similar nature of work can apply along with the documentary evidence for the work done in the past. The firms should also meet the other parameters as given below and are required to submit following information along with their applications.

- 1) Name of the firm with their constitution/proprietorship/partnership detail, etc with the date of establishment/registration.
- 2) List of similar works successfully completed in the last three years as above with testimonials from department concerned and the details of contact persons.
- 3) The firm should not have incurred any loss in more than two years during the last five years ending 31st March, 2021.
- 4) Details of after sales support Infrastructure.
- 5) List of works in hand giving nature of work, department, cost, date of start and completion with present progress and the contact details of clients.
- 6) Balance sheet of the firm for previous two years (2019-2020 and 2020-2021) must be enclosed with the offer certified by chartered accountant evidencing turnover.
- 7) The article of association to underscore the activities and mandate of the bidding firm.

Offers against this EOI containing the technical aspects and contractual terms and conditions of the proposed procurement without a bid price should be submitted in form of E-BIDS through Central Public Procurement (CPP) Portal (<https://www.etenders.gov.in>) and only online offers will be entertained from the registered bidders of CPP Portal. Last date of submission of EOI is **16.11.2021 by 2.00 PM** and shall be opened on the **at 17.11.2021, 2:00 PM**. Shortlisted firms shall be called for making a presentation at a later date.

If the Procuring Entity is of the view that after EOI stage, there is likelihood of further participation by many more bidders and to avoid getting trapped into a legacy technology, the second stage bidding may not be restricted only to the shortlisted bidders of EOI stage. In the second stage, normal OTE/GTE bidding may be done.

If any information furnished by the applicant is found incorrect at a later stage, it shall be liable to be debarred from tendering/taking up of work in CSIR. CSIR-IIP reserves the right to verify the particulars furnished by the applicant; independently. CSIR-IIP reserves the right to reject any prospective application without assigning any reason.

Brief description of Expression of interest for "Transformer Oil Gas Analyzer (TOGA) as per ASTM D3612 – 02 (2017); Method C"

Application: Determination of dissolved gases (H₂, O₂, N₂, CO, CO₂, CH₄, C₂H₆, C₂H₄, C₂H₂, C₃H₈, and C₃H₆) in Electrical Insulating Oil / Transformer Oil in a single injection. The detection limit of dissolved gases should be as per the latest version of ASTM D3612, Table 5.

Configuration: The system should be factory configured and **comply with ASTM D3612 Method C**, using fully automated headspace, dual detectors (TCD & FID), methanizer, dual six-port, or ten-port valves for column selection and backflush.

For and on behalf of CSIR



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