



# CSIR-Indian Institute of Petroleum

(Council of Scientific & Industrial Research)

P.O.I.I.P., MOHKAMPUR, DEHRADUN – 248005 (UK) INDIA

Ph.0135-2525762 & 2525945, Fax. 0135-2660072, 2660202-203

E-Mail- [pmitra@iip.res.in](mailto:pmitra@iip.res.in), [rawats@iip.res.in](mailto:rawats@iip.res.in)

Website : [www.iip.res.in](http://www.iip.res.in)



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## **TENDER NOTICE NO 03/2018-19**

INVITATION FOR BID / NIT (Two Bid System)

1. Sealed tenders under two bids system ( part-I Technical bid along with EMD and part II Price bid) are invited from the Indian / Foreign manufacturers/ Authorized Distributors or Indian Agents for the supply, installation and commissioning of the following equipments:-

Sl.No	File No.	Description	Qty	EMD (in Indian Rupees)
1.	PUR/1/18-19/76/AN/SPD/PO:	Pressure Swing Adsorption based Nitrogen Generation and Bottling Plant  (Detailed specification as per Annexure)	One	Rs 50,000.00 (Rs Fifty Thousand Only)

2. The complete set of "Standard Bid Document" is available in our website [www.iip.res.in](http://www.iip.res.in) at free of cost. The same may be downloaded and used while preparing your bid. A copy of the same may be attached along with the bid, duly signed and stamped.
3. The bids must reach this office on or before **13.06.2018** upto **14:30 hours (IST)** and shall be opened on **same day at 15:00 hours (IST)**.
4. EMD should be in favor of Director, I.I.P, Dehradun in form of Demand Draft or Bank Guarantee.
5. The Director, **Indian Institute of Petroleum, Dehradun** reserves the right to accept any or all tenders either in part or in full or to split the order without assigning any reasons there for.

  
(Stores & Purchase Officer)

Annexure

**Pressure Swing Adsorption based Nitrogen (N<sub>2</sub>) generation and bottling plant with following specification:**

**N<sub>2</sub> Generation**

N<sub>2</sub> Product rate: 2 Nm<sup>3</sup>/hr

N<sub>2</sub> Purity: >99.9 vol%

Dew Point: < -40 °C

The Product of N<sub>2</sub> generator is to be pressurized up to 150 bar and stored in cylinders in a N<sub>2</sub> Bottling unit downstream of N<sub>2</sub> generation Unit

**N<sub>2</sub> Bottling Unit:**

Bottling Pressure: 150 bar

Type of Cylinders: 47 WC High Pressure Gas Cylinders

Manifold assembly of filling 4 no. cylinders simultaneously

The entire unit should have all the necessary safety features like pressure relief valves, non return valves, particulate filters etc as per the standard practice

