

Expression Of Interest (Eoi) for Sale of Natural Gas Liquids (NGL) produced from Block CB-ONHP-2017/2 located in Jambusar, Bharuch, Gujarat, India

Vedanta Group has \$30bn revenue and \$10bn profit and further plans to invest \$20bn in next 4-5 years for the expansion of brownfield capacity and setting up green field capacity for Oil & Gas, Renewable Energy, Display glass, Semiconductor, Mining and Smelting. Vedanta is one of the leading players in the market.

Cairn Oil & Gas, Vedanta Ltd. is India's largest private oil and gas exploration and production company having current interest in 62 blocks and accounting for more than a quarter of India's domestic crude oil production and a vision to produce 50% of India's oil and gas production.

Cairn Oil & Gas, Vedanta Ltd., invites interested parties with proven capabilities and demonstrated performance under the National Competitive Bidding (NCB) process for the purchase of Natural Gas Liquids (NGLs) produced from the following block: CB-ONHP-2017/2 located in village- Amanpura Mota, Taluka: Jambusar, District: Bharuch, State: Gujarat as per the following guidelines:

- **Product** – Natural Gas Liquids (C1 ~ 2.8%, C2 ~ 6.0%, C3 ~ 26.2%, C4 ~ 30.7%, C5 ~ 15.8%, C6 ~ 8.0%, C7 ~ 0.3% and C8 ~ 3.5% by volume)
- **Quantity** – ~ 500 Barrels of oil equivalent per day
- **Expected Start Date** – January 2025
- **Duration of Contract** – 1 Year
- **Delivery Point** – NGL shall be delivered at outlet flange of ruck Loading station, located in the Jaya Oil field Village: Amanpura Mota, Taluka: Jambusar District: Bharuch, State: Gujarat
- **Mode of Delivery** – Pressurized Road tankers with approximately 13 Bar Pressure deployed by the Buyers.

Detailed properties of the NGLs are shared as Annexure-1

The interested parties are requested to send an email to crudedesk@cairnindia.com expressing their interest in potential offtake of NGL along with a brief introduction of their organisation. As part of the next steps, interested parties would be invited to participate in an e-auction process.

For more information on Cairn Oil & Gas, bidders may visit www.cairnindia.com and www.vedantalimited.com

Annexure -1: NGL Composition and Properties

Composition	Mole Fraction
Nitrogen	0.0000
CO2	0.0061
Methane	0.0281
Ethane	0.0603
Propane	0.2616
i-Butane	0.1433
n-Butane	0.1637
22-Mpropane	0.0000
i-Pentane	0.0746
n-Pentane	0.0830
n-Hexane	0.0799
Benzene	0.0012
n-Heptane	0.0533
Toluene	0.0032
n-Octane	0.0255
E-Benzene	0.0003
p-Xylene	0.0014
m-Xylene	0.0004
o-Xylene	0.0079
n-Nonane	0.0037
n-Decane	0.0010
n-C11	0.0003
n-C12	0.0001
H2S	0.0000
H2O	0.0010

Property	Value
Temperature [C]	40.00
Pressure [bar_g]	12.70
Molecular Weight	60.58
Liq. Mass Density [kg/m3]	566
LHV Mass Basis (Std) [kJ/kg]	45332.17
LHV Molar Basis (Std) [kJ/kgmole]	2746635.48
HHV Mass Basis (Std) [kJ/kg]	48784.80
HHV Molar Basis (Std) [kJ/kgmole]	2955826.78
Heat Capacity [kJ/kgmole-C]	149.72