

EXPRESSION OF INTEREST

Vedanta is a \$30bn revenue and \$10bn in profit organization and further plans to invest \$20bn in 4-5 years in the expansion of their brownfield and some green field capacity of Oil & Gas, Renewable energy, display glass, semiconductor, mining and smelting. We are one of the leading players in the market. Each of our businesses will have an average of 10,000 highly qualified talent.

Vedanta Ltd owns Imported Coal based thermal power (2*80MW and 4 *30 MW) plants in Tamil Nadu.

Expression of Interest ("EOI") is invited from interested parties for modification of these Import Coal based Thermal Power plants into Indian Coal/ Lignite as fuel on **KPI driven end-to-end turnkey basis**. The broad scope includes:

- Carry out detailed technical feasibility study as applicable for coming out with Engineering, design modification, Supply, erection, and commissioning of BTG and BOP package suitable for consuming Lignite/ Indian Coal.
- The Design should have flexibility in handling domestic/ Lignite during fuel switchover.
- Conveyor system adequacy check for lignite operation.
- Crusher & mill modification if required.
- Boiler Furnace modification if required.
- Modification / Changes in ESP, Ash handling system as required.
- Shall be responsible for all Statutory Clearance applicable.
- Vendor has to go through the plant design and operation parameters, Critical KPI (SCC, PLF, APC, Heat rate, Boiler efficiency etc.). During the detailed Engineering of converting the Unit for Lignite/multi fuel usage, vendor has to focus on betterment in KPI achieved during plant operations/Design parameter whichever is better.
- Report shall cover the process parameters after modification, Critical KPI, BOQ, CAPEX and OPEX cost, Project timeline etc.
- KPI to be achieved shall be signed off after feasibility study and mutually agreed upon.
- Industries best practices/systems to be adopted to optimize the Power consumption, water and other input which will be provided into the proposed system.
- Understanding the existing operation, control system in place and proposal for the changes in system operation, controls, protection, and interlock in the proposed design.
- Classification of Equipment's which needs to be maintained/upgraded/replaced shall be included in the feasibility report.
- Assessment of Site equipment's healthiness, Service/replacement, getting the equipment/system ready for plant recommissioning.

Vendors with relevant experience, expertise, financials, delivery capabilities and a strong commitment to environmental sustainability are invited to participate in the EOI.

Interested parties may go through details and submit their EOI in the prescribed format by scanning the QR code or logging in to <https://www.sterlitecopper.com/tender-zone/> on or before 18:00hrs, 12th February 2024. For any specific queries mail to tu.tenders@vedanta.co.in.

Place : Thoothukudi, Tamil Nadu

Date : February 5, 2024