

EXPRESSION OF INTEREST

Railway Infra Construction (EPC)

at Lanjigarh - Odisha

Vedanta Limited is the world's 6th largest diversified natural resources conglomerate with business operations in India, South Africa, Namibia and Australia. It is a leading producer of Oil & Gas, Zinc, Lead, Silver, Copper, Iron Ore, Steel, Aluminium & Power.

Vedanta Limited contributes 1% towards India's GDP, as per IFC. We are investing 9 Bn\$ in capital projects over the next 2 – 3 years to double our revenues from current levels of 15 Bn\$.

Vedanta Limited operates a world-class Alumina Refinery with the production capacity of 2 MTPA at Lanjigarh, Odisha, in eastern India. Vedanta Limited is planning to expand the refinery capacity including associated power plant and infrastructure.

Vedanta Limited intends to finalize the construction partner for the development of Railway infrastructure (around 25 Km track length) required for enhancement of plant capacity on LSTK basis and operate the same including maintenance of the line.

Details of Railway Infrastructure is as follows:

Presently Vedanta Limited, Lanjigarh is having single track railway line from plant to Ambadola where it is connected to the Indian railway line with two parking lines. A Mid station with two loop line is being developed between Ambadola to Plant for enhancement of traffic movement. The total length of line from the plant to Ambadola is about 16Km & distance from plant to intermediate station is about 9Km. With the present infrastructure Vedanta Limited is handling the traffic to produce 2MTPA alumina refinery.

Vedanta Limited, Lanjigarh is planning to expand its alumina refinery capacity and will require additional infrastructure to handle all inbound & outbound material. Hence railway infrastructure needs to be developed & commissioned for smooth movement of the increased traffic of plant.

Vedanta Limited has already received the in-principle DPR approval for the 4MTPA refinery capacity. Identification of additional infrastructure to achieve additional capacity is under progress, entire BOQ is prepared based on the infrastructure for 4MTPA, requirement for additional infrastructure shall be added based on final drawing quantity.

Broad Scope of work:

The scope of work includes supply, execution of civil, P-way, OHE, signaling, building & other auxiliary work required as per the approved DPR provided by Vedanta, any statutory clearance from the concerned govt authorities like NH/SH, nalla crossing, local tahsildar/panchayat/collector, co-ordination with local communities, testing & commissioning, co-ordination & getting necessary approvals for the commissioning of system, development of as built & workshop drawings and handing over the system after PG test and complete the entire system. After reconciliation of BOQ quantity with detail drawing entire work will be converted into LSTK basis.

Major infrastructure required for enhancement of plant capacity are as follow:

1. Development of Railway line with new tapping point at Anjodi (between Dohikhalu and Ambadola station) from 3rd line of Indian railway to mid-station for direct movement of trains from Rayagada end. This is called as Y – connection. Along with tapping line an additional loop line will be developed. Approx. length from tapping point to mid-station is about 4.5Km. Out of total length approx. 900m length will be in railway land and balance will be in Vedanta Land.
2. A new station building will be developed with all facilities and will be interconnected to three station i.e. Ambadola & Dohikhalu (Railway station) and mid-station (Vedanta).
3. At mid-station, one main line and two additional loop line is present. Now one additional loop line needs to be developed with necessary changes in the existing track line as per drawing approved by railway.
4. Doubling of track line from the mid station to plant. The approximate length of the line is about 8.77Km.
5. In plant Railway infrastructure to incorporate additional twin Wagon Tiplers, extension of Lime platform to full rake, engine escape lines, Shunting necks, other line modifications and parking lines as per in- plant drawing with minor modification in new manual siding (Red Mud) line.
6. Removal of LC's with approach road as per design & drawing.
7. The above-mentioned infrastructure is indicative, the assigned business partner needs to optimize the complete infra requirement and must provide guarantee to achieve enhanced traffic handling capacity of refinery.

The quantities for the above phases shall be reconciled based on the final drawings & convert the same to LSTK basis. Detail design, engineering and drawing required for DPR along with related drawing approval from Indian railway will be done by the Vedanta appointed railway consultant. Any other approvals beyond DPR from Railways, shall be coordinated with all concern approval authorities including making all necessary arrangements of site visit and obtaining the approval is included in the scope of work.

The intent of this tender is to find a construction partner for completing the execution of railway infrastructure required as per design & drawing developed by VL appointed consultant which includes complete civil, electrical, signaling etc. work and commissioning & handing over to Vedanta operation team. The work which includes but not limited to development of the embankment, supply of all material, fixing & joining of sleeper, rail, point & crossing etc., major & minor bridges, RUB for the removal of LC, testing & commissioning of the system & coordination with all concern govt authorities for getting approvals and local communities for smooth execution of work. Scope includes site visit, understand all the battery limits for the complete package and community, pointing out if any items are missing for completing the work and sign off technical scope of work.

The entire railway infra project to be completed within 12 months from date of ordering.

Submission of EOI:

Interested and competent parties can submit their expression of interest giving details of their organization, statutory registration licenses, recent 3-year audited balance sheets, offices, major clientele, performance certificates and other necessary data within 5 days from the date of advertisement by submitting the documents through **e-mail to:**

Expansion.EOIresponses@Vedanta Limited.co.in