



The Singareni Collieries Company Limited
(A Government Company)
Registered Office: Kothagudem Collieries – 507 101

“EXPRESSION OF INTEREST (EoI)”
FOR
RAISING OF NAPIER GRASS IN SCCL LANDS FOR
PRODUCTION OF COMPRESSED BIOGAS (CBG).

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The Singareni Collieries Company Limited (SCCL) is a Government coal mining company jointly owned by the Government of Telangana and Government of India on a 51:49 equity basis. The Singareni coal reserves stretch across 350 km of the Pranahita – Godavari Valley of Telangana. Coal Mining in SCCL was started in the year 1889 with a production of 0.06 Million tons. The production reached to 1822.79 million tonnes during the year 2024-25. SCCL is currently operating 17 opencast and 22 underground mines in 6 districts of Telangana with human resource strength of around 42000.

The Singareni Collieries Company Limited is a leading mining and energy company with a significant scale of operations. This concept note highlights the outline of a proposal to utilize the resources available at SCCL to develop sustainable fuels, infrastructure which can help to increase the share of renewable and sustainable energy in its operations.

While the benefits of coal are countless, Coal Mining is an inherently environment damaging and degrading activity. Realizing this, SCCL has launched a number of 'eco-friendly practices' to mitigate the damage to environment and improve the quality of life. In all mining areas extensive green belts have been developed, and monitoring of air and water quality is done on a regular basis to assess the impact of mining on the environment and corrective steps are being implemented immediately. Opencast Mines are being restored to pre-mining conditions.

A number of other key initiatives taken as part of such to increase its share in renewable and sustainable energy in its operations in the last four years include setting up of Sewage Treatment Plants, Effluent Treatment Plants, Bio-engineering of Over Burdens, Clonal Plantations, Medicinal Plantations and development of Eco-parks.

With a vision to be an active player in India's emerging Solar sector, SCCL took a prominent role in fuelling the industrial and economic growth in the Country simultaneously by creating a cleaner and safer environment for the economy. SCCL has already established Solar plants of 250 MW capacity. SCCL is further intending to establish 500 MW Ground mounted Solar plants on PAN India basis.

Singareni Collieries Company Limited (SCCL) is planning to establish Telangana's first pumped storage (hydel) power project with a 500 MW capacity. This project is part of SCCL's diversification strategy to move beyond coal mining and into renewable energy sources. The project will be located at the Medipally opencast mine in the Ramagundam-I area, utilizing the existing mine sump.

Now as part of such to increase its share in renewable and sustainable energy in its operations, the SCCL has proposed to raise Napier grass in its lands for production of Compressed Biogas (CBG) & Ethanol. Bio-fuels offer a renewable alternative to fossil fuels, reducing reliance on imports and promoting cleaner energy. Bio-fuel production can also stimulate rural economies by creating jobs and providing additional income for SHG's. Further Bio-fuel production can contribute to building strategic reserves of energy, enhancing national energy security, reduced green house gas emissions, waste management, air pollution, mitigate climate change.

SCCL has two mining blocks in Ramagundam and Kothagudem where it is proposed to start Napier cultivation on trial basis. The Napier grass cultivated shall be used for production of Compressed Bio-gas (CBG) and Fermented Organic Manure (FOM). The Gas produced by the plants shall be utilized by the SCCL for its own vehicles which can run on CBG and excess gas produced is sold to CGD (HPL, IOCL, BPCL, IGL etc.) and excess FOM is sold to local farmers/ fertilizer companies.

In view of the above, SCCL invites Expression of Interest (Eoi) from firms /agencies with requisite technical know-how, experience in the said field and interested in cultivation of Napier grass in an area of about 200Acres and for establishment of 5-6 Tonnes per day(TPD) Compressed Biogas (CBG) plants in SCCL.

The interested expert agencies are requested to submit the 'EOI' along with documents supporting their financial and technical strengths, profile of the agency, credentials. The EOI shall reach the following address on or before **28.09.2025 by 4.00 pm.**

The General Manager,
(Environment & Forestry-FAC)
The Singareni Collieries Company Ltd.,
PO: Kothagudem Collieries – 507 101,
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Contact no : 9491144850
e-mail ID: gm_env@scclmines.com

Firms/Agencies are invited to give a presentation regarding their technical know-how, proposed plan of action and such other issues of discussion to SCCL in relation to the scope of work in **the proposed vendor meet the date of which will be communicated in due course.**

The Singareni Collieries Company Limited reserves the right to accept / reject any offer in full or part or all the offers without assigning any reasons whatsoever.

**General Manager
(Environment & Forestry-FAC)**