

NTPC LIMITED

Site Enabling Works package for Great Nicobar Island Gas Engine Power Project (108 MW ± 5 MW) & for Sub-station 2 & 4: Bidding Document No. CS-6401-301-9

“Salient Technical Features of the equipment/systems/services covered in the Bidding Document No. CS-6401-301-9 are mentioned below. These Salient Technical Features are mentioned only to facilitate the prospective bidders to prima-facie understand the requirements under the tender and shall not in any way limit or alter the scope of work and technical features/specification of equipment/ systems/ services covered in the Bidding Documents. Detailed provisions in regard of scope of work and technical features/ specification of equipment/ systems/ services, contained in the Bidding Documents shall be final and binding.”

Name of Work:

Site Enabling Works package for Great Nicobar Island Gas Engine Power Project (108 MW ± 5 MW) & for Sub-station 2 & 4.

Project Background:

NTPC is establishing a 108 MW Gas Engine Based Power Plant (Phase-I) at Great Nicobar Island as part of the integrated infrastructure development project comprising a transshipment port, dual-use airport, township and associated utilities. The phase-I of power plant is targeted for commissioning by March 2029. The present package is intended to facilitate early site readiness for subsequent EPC works of the power plant and sub-stations.

Scope of Work:

The work covers three project locations comprising the Gas Engine Power Plant site near Galathea Bay and two associated sub-station sites located approximately 5 km and 37 km away from the power plant site. Major activities include:

- Tree cutting, vegetation clearance and site clearing within designated project areas for Gas Engine Power Plant and Sub-stations.
- Collection, handling and transportation of felled timber/logs to designated locations as per requirements.
- Site levelling, grading, cutting and filling operations to achieve the required formation levels.
- Construction of 3.6 m high perimeter security boundary wall using precast RCC panels with concertina coil fencing.
- Associated civil and miscellaneous works necessary for completion of site enabling activities.

Execution Period:

Approximately 18 months from the date of award, with priority accorded to activities required for Phase-I development.

Importance of the Package:

The package constitutes the first stage of project implementation and is critical for creating construction-ready sites, enabling timely mobilization and execution of the Main Plant and Sub-station EPC Packages, and supporting the overall commissioning schedule of the Great Nicobar Power Project.