

SALIENT TECHNICAL FEATURES

“Salient Technical Features of the systems /equipment/ services 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 Document shall be final and binding.”

Salient technical features of the proposed project are as follows:

Name of the Project	REACTIVE POWER COMPENSATION PACKAGE USING SVG FOR WIND PROJECTS IN KARNATAKA
Project capacity	- Halligudi, Karnataka: 200 MVar - Bellary, Karnataka: 450 MVar

1. There are two Wind Projects in Halligudi, Karnataka of 378 MW & Bellary, Karnataka of 894 MW.
2. The scope of work under the subject package inter alia includes system design and engineering, supply, packing and forwarding, transportation, installation including civil works, integration with owner's 33kV switchgear and commissioning of Static Var Generators as per requirements mentioned detailed technical specifications.
3. Arranging power supply and water supply for construction purposes.
4. All associated electrical and civil works required for interfacing with grid (i.e., aux transformers, panels, protection system, cables & trenches, etc.)
5. Integration of SVG by laying and termination of HT Cables (including supply) from SVG output to 33kV Owner's Main Pooling switchgear as per specification.
6. Construction of fencing, pathways, Drainage system etc. as per General Layout and Topography.
7. Integration with existing SCADA & PPC system for remote monitoring and control with all hardware & software.
8. Other miscellaneous works e.g., LT cables, Illumination, Fire protection, Lightning protection, Earthing etc. for successful commissioning.
9. Comprehensive Operation & maintenance of SVG System along with electrical equipment, consumables and spare parts for a period of 3 years, Warranty of 5 years and AMC for 10 years from the date of commissioning of project.
10. Supply of Mandatory spares.