

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 Package	EPC Package for Solar- Hydrogen-BESS based Microgrid (200 kW) at Chusul, Ladakh (India)
Type of Project	Solar-Hydrogen-BESS based Microgrid
Capacity to single bidder	Complete Scope to a single bidder
Location	Chusul, Ladakh

- 3.2 MWp Solar PV Plant.
- 1 MW Hydrogen generation system (PEM Electrolyser) for generating 160 kg/day hydrogen.
- Hydrogen storage facility to store 200 kg usable hydrogen in Type-IV cylinders.
- BESS of tentatively 300 kW/1200 kWh.
- PEM Fuel Cell system for generating 200 kW of electrical power.
- All EPC works required for Development of Solar-Hydrogen-BESS based Microgrid (200 kW) including O&M for 10 years as per scope of work.