



**NTPC GREEN ENERGY LIMITED**  
**(A SUBSIDIARY OF NTPC LIMITED)**

**SUPPLY AND INSTALLATION OF 130 MVAR SVG PACKAGE FOR REACTIVE POWER  
COMPENSATION AT 240 MW DEVIKOT SOLAR PV STATION**

**IFB No.: NGEL-CS-5755 (P2-SVG)**

**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:

- Supply, installation, testing and commissioning of 3 Nos of SVG of Capacity 2x40 MVAR & 1X50 MVAR including inspection, port clearance & shipping and transportation at 240 MW (150MW+90 MW) Devikot Solar Project, District Jaisalmer (Raj).
- Supply, installation, testing and commissioning of other required electrical equipment required to integrating with owner's 33 kV System e.g. disconnector, surge arrestor, Auxiliary Transformer and Control/Distribution panel.
- All Civil Work required for SVG system
- 19/33 kV 1C 400 Sq.mm Al armoured cable from Isolator yard to owner 33 kV System (Approximate route length 75 m to be laid on Cable tray, PCC Cable Trench).
- 2 Years Warranty as per the specification.
- All miscellaneous item e.g. overhead conductor, connector, lug, gland, earthing flat, earthing electrode, illumination, control and power cable
- Extension of 33 kV Bus from both side by supplying and installing 2 Nos. of 33 kV HT Panels with complete accessories.
- Mandatory Spares