



SOLAR BUSINESS DIVISION (SBD)

Item Description: Pre- bid tie up for Design, Manufacturing, Supply, Supervision of Erection and Commissioning of Tracker System for 1000MW (2X300MW+2X200MW) Bikaner and 900MW (3X300MW), Fatehgarh
Ref: TPQR REV.00

TECHNICAL PRE-QUALIFICATION REQUIREMENTS (TPQR)

TENDER REFERENCE NO.: MANPBT0019

TENDER DESCRIPTION: Pre- bid tie up for Design, Manufacturing, Supply, Supervision of Erection and Commissioning of Tracker System for 1000MW (2X300MW+2X200MW) Bikaner and 900MW (3X300MW), Fatehgarh

Sl. No.	PRE-QUALIFICATION REQUIREMENTS	Bidders claim in respect of fulfilling the PQR Criteria
A	Technical Criteria	
A1	<p>The Bidder to be an OEM of tracker systems and should have designed, manufactured, supplied, erected/supervised erection, and commissioned/supervised commissioning Solar Tracker System of the proposed design/type of cumulative capacity of 40 MWp or above, out of which at least one such supply order for a single plant should be of 10 MWp or above capacity. The bidder may use the credentials of its Parent/Group/Holding company for meeting the requirement. The reference plant in which 10 MWp or above capacity Solar Tracker System was supplied, must have been in successful operation for at least one (1) year as on Offer submission date for pre-bid tie-up.</p> <p>PO/WO copy, Completion certificates from Customer to be submitted for validation of the above experience clearly indicating date of commissioning and MW commissioned. BHEL reserves the right to visit the plant cited in the experience certificate. Bidder has to arrange necessary permissions from Plant owner during visit.</p> <p style="text-align: center;">Supporting document (Attached / Not-attached) <input type="checkbox"/> / <input type="checkbox"/> (please tick at appropriate place)</p>	
A2	<p>The proposed Tracker design/type shall be of proven technology with Independent Engineers Bankability review report from reputable agencies like Black and Veatch, DNV, IITs or other premier institutions/agencies.</p> <p style="text-align: center;">Supporting document (Attached / Not-attached) <input type="checkbox"/> / <input type="checkbox"/> (please tick at appropriate place)</p>	
A3	<p>No Relaxation for MSEs/Start-Ups: The Tracker system will serve as the foundation for mounting crucial components within the Solar Power Plant, including Solar PV Modules, dry module cleaning system etc. It is essential to recognize that the quality and longevity of this system directly impact the safety of the other Equipment/workforce operating within the plant premises due to presence of moving parts in the system itself. Considering the paramount importance of safety measures, it is imperative that the design & Supply of the tracker system be entrusted only to experts with significant experience in the field. Hence in line with the clarification issued by the Department of Expenditure, Ministry of Finance (vide No. F.20-2/2014-PPD(Pt.) dated 27.07.2017), no relaxation regarding prior experience shall be granted to any bidder for this Pre-bid tie-ups.</p>	

BHEL reserves the right for independent verification of the claims made for conformance to the pre-qualification criterion. Bidders to ensure providing authentic certificates / documentation and credentials in order to qualify for BHEL tender process.

Seal and signature of the Authorised Signatory of the Bidder