

Request for Proposal for Grid Connected SPPs in Madhya Pradesh under feeder solarization component of PM KUSUM - C Scheme

A. BID INFORMATION SHEET

Document Description	Request for Proposal (RFP) for Selection of RPGs for Implementation of approximate 1250 MW Grid Connected Solar based power plants connected to selected 33/ 11 kV substation for Sale of Solar Power to MPPMCL at various locations in the state of MP under feeder solarization component of PM KUSUM-C
RFP No. & Date	RFP No: F/UVN/KUSUM-C/II/2151 Dated: 20.07.2022
RFP Purchase Start Date	22.07.2022 at 23:55 Hrs.
RFP Purchase End Date	16.08.2022 at 18:00
Total Capacity	Approximate 1250 MW
Project or Project Size	<p>As per demand assessed for all concerned agricultural feeders emanating from a particular sub-station, subject to maximum available capacity at concerned sub-station. Total Bid capacity (in MW) at one substation shall be considered as one Project.</p> <p>Project size corresponding to a substation = $\sum [(E \times 1000) / (24 \times D \times CUF)]$, for all agricultural feeders emanating from a substation</p> <p>Where,</p> <p>E= Average input energy of an agricultural feeders emanating from concerned substation assessed in accordance with methodology prescribed by MNRE under KUSUM-C guidelines for feeder solarization</p> <p>D= number of days in a year</p> <p>CUF= capacity utilization factor of SPP (assumed at 19% or more)</p>
Bid Size	Bidder can place Bid for any number of sub-stations. There is no cap on total bid capacity by a Bidder
Exclusivity	A Bidder shall place only one bid for a substation/ Project i.e. all target feeders emanating from one substation shall be considered as one Project. Total Bid capacity (in MW) at one substation shall be considered as one Project.
Selection of substation for SPPs under component-C of PM	Substations to be considered for feeder solarization under component-C of PM KUSUM scheme as identified by concerned

KUSUM scheme	<p>Discoms shall meet following criteria:</p> <ul style="list-style-type: none"> • It has at least one dedicated agricultural feeder emanating from 33/11 kV substation • It has at least one non-agricultural feeder emanating from 33/11 kV substation • Concern 33/11 kV substation has technically feasible capacity to accommodate proposed capacity of solar project under feeder solarization component of PM KUSUM-C
Duration of PPA	25 years from Commercial Operation Date
Maximum CUF	Procurer, in any Contract Year, shall not be obligated to purchase additional energy above 21% CUF on annual basis during the PPA period from the RPG at the PPA tariff of that year. However, the excess energy generated by RPG above 21% CUF may be procured by Procurer at 75% of the PPA tariff as per Article 4.3 of PPA.
Minimum CUF	For any Contract Year except for the first year of operation, the renewable power generator, shall be required to achieve a minimum CUF of 15% on annual basis during the period of PPA.
Broad Scope	Design, Engineering, Supply, construction, erection, Testing and Commissioning including construction of bay and related switchgear at sub-station along with Comprehensive Operation & Maintenance for twenty-five (25) Operational Years of Grid Connected Solar based Power Plants (SPPs) in accordance with the applicable Law, the Grid Code, the terms and conditions of PPA and prudent utility practices for Sale of Solar Power to MPPMCL at the delivery point in each substation at various locations in the state of Madhya Pradesh, India.
Subsidy from Govt. of India i.e. Central Financial Assistance (CFA)	<p>Shall be INR 1.05 crore/ MW i.e. 30% of estimated cost of installation of SPP at INR 3.5 crore/ MW. CFA shall be governed by relevant and applicable Subsidy from Govt. of India guidelines from time to time.</p> <p>As per existing guidelines, CFA up to 100% of the total eligible CFA will be released to the RPG through nodal agency on successful operation and performance of solar plant for 2 months after</p>