

TECHNICAL CRITERIA

1.1 The Bidder should have designed, supplied, erected/ supervised erection and commissioned/ supervised commissioning of Balance of System of Solar Photo Voltaic (SPV) based grid connected power plant(s) of cumulative installed capacity of 40 MWp or higher, out of which at least one plant should have been of 10 MWp or higher capacity. The reference plant of 10 MWp or higher capacity must have been in successful operation for at least six (6) months prior to the date of techno-commercial bid opening.

OR

1.2 The Bidder should be a developer of Solar Photo Voltaic (SPV) based grid connected power plant(s) of cumulative installed capacity of 40 MWp or higher, out of which at least one plant should have been of 10 MWp or higher capacity. The reference plant of 10 MWp or higher capacity must have been in successful operation for at least six (6) months prior to the date of techno-commercial bid opening.

OR

1.3 (a) The Bidder should have executed in the last ten (10) years an industrial project either as developer or as EPC Contractor in the area of power/ steel/ oil and gas/ petro-chemical/ fertilizer/cement/coal mining including coal handling plant and/ or any other process industry , in a single project or single work and the same should be in successful operation for at least one (1) year/ six (6) months* prior to the date of techno-commercial bid opening.

* Successful operation:

At least One (1) year for industrial projects other than RE sector i.e., Solar/Wind.

At least Six (6) months for projects in RE sector (i.e., Solar/Wind).

AND

(b) The Bidder should have executed at least one (1) Electrical Sub-station of 33 kV or above voltage level, consisting of equipment such as 33kV or above voltage level circuit breakers and Power transformer, either as developer or as EPC Contractor which should be in successful operation for at least one (1) year/ six (6) months# prior to the date of techno-commercial bid opening.

Notes :

a. The reference SPV based grid-connected power plant of 10 MWp or above capacity should be at a single location developed by Bidder for itself or any other client.

b. SPV based Roof-top/Floating solar power projects, which are grid connected, shall also be considered eligible for QR purposes.

c. For clause 1.1 & 1.3, Bidder shall submit certificate of successful completion and operation from the Owner. However, if bidder in clause 1.3 is a developer, certificate of successful commissioning of the project issued from Government Renewable Nodal Agency/Government Enterprise/ Discom/ Electricity Board etc. and evidence of successful operation from intermediary procurer/ procurer/Discom/ Electricity Board etc. shall be submitted.

d. Direct/Indirect Order

The Bidder shall also be considered qualified in case the award for executing the reference work has been received by the Bidder either directly from the owner of the plant or any other intermediary organization. In such a case, a certificate from such owner of plant or any other

intermediary organization shall be required to be furnished by the Bidder along with its Techno-Commercial bid in support of Bidder's claim of meeting the qualification requirement as per clause 1.1 and 1.3 above.

Bidder shall also submit a certificate of successful completion and operation from the Owner.

e. For Clause 1.2, Bidder shall submit certificate of successful commissioning of the project issued from Government Renewable Nodal Agency/ Government Enterprise/ Discom/ Electricity Board etc.

f. For Clause 1.2, Bidder shall submit evidence of successful operation from intermediary procurer/ procurer/Discom/ Electricity Board etc.

g. Developer means an entity who has either executed or got executed the work/ project as owner of industrial projects.

h. The execution of industrial project as EPC Contractor under Clause No. 1.3 means, such EPC Contractor is responsible for all the activities i.e., Design/Engineering, Procurement, Construction (with/without civil works) and Commissioning of a project/work.

i. The portion of work related to power transformer such as supply and or installation mentioned at cl. no. 1.3 (b) can either be done by EPC contractor by themselves or by the owner.

j. The Balance of Systems, under Clause 1.1, refers to works related to minimum three of the following four areas in a Solar PV Plant:

- i. Erection of PV Modules
- ii. Civil works including Module Mounting Structures/Floaters
- iii. Inverters (Power Conditioning Units) and/or Inverter Transformers
- iv. Cables and Cabling Works.