

**Responses to the Pre-Bid queries for 2MW Karjulepathar & 2MW Kolambi EPC AG feeder solar project & 2MW Salse
PPP AG feeder solar project**

Sr. No	Pre-Bid Query	Mahagenco's Reply
	PPP Model	
1	What is APPC considered for calculations of financial viability or will it be dynamic depending on the year of operation or will it be considered for the year in which Project is awarded or will it be considered for the year in which the Project is commissioned? Please advise	Prevailing rates as per the applicable MERC order at present APPC rate is Rs 3.70 per kWh.
2	Franchisee will get approximately Rs. 1.50 per kWh (From bill recovery) and APPC rates fromMSEDCL. Generation figures and consumption figures of the farmers will never match. Either generation or consumption will be higher and revenue calculations will change. How these calculations will be done is not clear from the document. Clarification is needed.	All import to the grid from the SPP & grid to AG consumers will be treated net-metering & difference between them will be settled at prevailing APPC rates. Detail calculation sheet regarding the same will be incorporated in RFP Doc.
3	As per Clause 8.2 xii) subsidy of Rs. 1.73 per kWh will be provided to SPV. Duration of subsidy is not specified. Will it be for the life of project?	Subsidy will be for the tenure of the project, however it will be applicable as per MERC/GoM's prevailing directive.
4	Effect of subsidy in revenue of franchisee will be similar to the one discussed in point no. 2. It is not clear whether the subsidy will be available only on units consumed by agricultural pumps or units generated by solar power plant. Logically it should be higher of "Solar power plant generation" OR "Actual agricultural consumption". Please clarify.	The subsidy will be liable for the units consumed by the farmers (Billing Units).

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5	<p>Clause 8.2 ii) specifies that 3 phase supply will be provided only from 9.00 a.m. to 5.00 p.m. i.e. 8 hrs only. (This also contradicts with many farming practices where to save evaporation losses watering in afternoon hours is not preferred). This can be issue of conflict while recovery of bills.</p> <p>Have the farmers on this grid given consent for the same?</p>	<p>These AG feeders presently have provision of single phasing / SDT. In this case 3 phase supply from SPP will be provided to the farmers during day time & single phase supply for rest hours.</p> <p>3 phase availability from 9 am to 5 pm.</p> <p>-Solar power other than these timings, will be absorbed by MSEDCL grid and will be recorded by NET meter.</p> <p>- Power/ units to be generated and consumed by MSEDCL-2MW +/- 10%</p>
6	<p>Clause 5 (pg 16) says, "Provided further that at situation, if farmers deny purchasing solar power from the solar project, then solar developer may sell power to any consumer in the state for which VGF will not be payable to solar project developer by MEDA"</p>	<p>It is general practice that implementation of any pilot scheme shall be agreed by at least 50 % of the beneficiaries and will be applicable to all Ag consumers on the feeder.</p> <p>MSEDCL will assist developer in getting more than 50% consents.</p>
7	<p>What is the timeline for the release of VGF? Will it be released along with Letter of Award? What is the method used for disbursement of VGF?</p>	<p>Disbursement of VGF in case of PPP mode shall be carried out as per milestone payment.</p>
8	<p>What are the payment terms in EPC mode for Kolambi Substation Project?</p>	<p>Will be mentioned in the RFP documents.</p>
9	<p>Is the processing fees to be submitted now or to be submitted along with the bid. Also intimated that the instrument should be "Demand Draft" from Nationalized bank. Can we not submit this instrument from any scheduled bank ?</p>	<p>EOI conditions prevail.</p>
10	<p>You have indicated the date of pre-bid meeting on 22.11.2016. Will you please furnish the specification of the project to intimate you our concern.</p>	<p>Pre -Bid meeting was re scheduled & intimated on website and newspapers.</p>

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11	In clause 4.2 you have indicated the structure of submission of application. If you furnish temp plate to fill up it will be easy for you to check & compare. Kindly inform your comment on this.	Formats are not given. Bidder should give data of their co.
12	We are interested to attend the “Pre-bid” meeting. Kindly intimate if there is any change.	Already communicated.
13	The scope of work includes 25 years Operation & Maintenance of the 2 MW (AC) SPV Plant - BHEL requests MAHAGENCO to Kindly consider reducing the O&M period to 10 Years as with other Solar EPC tenders /EoI by Mahagenco/NTPC	EoI condition prevails.
14	The site location will be in the vicinity of 5 KM radius from the 33/11kV Karjulepathar substation - Right of Way if required for erection of over head transmission line upto the point of interconnection may please be in Mahagenco's Scope	Right of way is in the scope of SPD in case of PPP model & in the scope of Mahagenco in case of EPC model in both cases MSEDCL will provide support to resolve RoW issue.
	PPP Model	
15	We request to change the clause to “Distribution of power shall be in the scope of MSEDCL”	EoI conditions prevails.
16	We request to change the scope of recovering of dues/bill. Recovering of dues/bill shall be done by MSEDCL. Recovering of dues/bill from consumers & paying to SPV shall be sole responsibility of MSEDCL.	EoI conditions prevails.

Sr. No	Pre-Bid Query	Mahagenco's Reply
17	We request to change the clause to MSEDCL shall be delegated to all the powers of temporary /permanent disconnections of the nonpaid Consumers in line with the MSEDCL norms & rules. The fees/penalties towards the reconnections of Temporary Disconnected & Permanently Disconnected consumers will be recovered by the MSEDCL.	EoI conditions prevails.
18	We request to remove scope of work from private partner. It shall be done by MSEDCL.	EoI conditions prevails.
19	We request to change the clause to "The Developer / Investor shall have a minimum Average Annual Net Worth more than Rs.100 crores (average of past three financial years i.e. 2013-14, 2014-15, 2015-16)."	Eligibility criteria /QR is revised please refer Annexure-I
20	We request to remove the scope of distribution work from Private partner.	EoI conditions prevails.
21	Kindly confirm evaluation process.At EoI stage bidders has to submit Quotation?	Quotation is not required at EOI stage .But your credentials will be evaluated as per the eligibility criteria and accordingly the eligible Party will be considered as successful EOI Bidder.
22	We request to change the clause to "The Developer / Investor shall have a minimum Average Annual Net Worth more than Rs.10 crores (average of past three financial years i.e. 2013-14, 2014-15, 2015-16)."	Eligibility criteria/QR is revised please refer Annexure-I
23	Kindly confirm evaluation process.At EoI stage bidders has to submit Quotation?	Evaluation will be as per QR mentioned in EoI.
24	Small size project (150 kW) in place of MW scale project	This EoI is for 2MW AG feeder.
25	PV Greenhouse based Solar Power Projects in place of Ground Mounted Solar Power	EoI conditions prevails

Sr. No	Pre-Bid Query	Mahagenco's Reply
	Project	
26	BOOT model in place of fixed price PPA model	EoI conditions prevails
27	With Grid Energy Storage (maintenance free Li-Ion Battery having 25 years life)	EoI conditions prevails
28	Involving Farmers / Farmers Group / Farmer Producer Companies	EoI conditions prevails
29	Zero VGF Funding from MNRE	EoI conditions prevails
30	Project Developer will take care of arranging land If required we will send the detail explanation for each change suggested above. Above mentioned changes will result in,	EoI conditions prevails
31	1. Lower cost of Energy to the farmers (lower than average APPC price in next 25 years)	EoI conditions prevails
32	2. Improved quality of Power (stable voltage / stable frequency)	EoI conditions prevails
33	3. Availability of min 12 hrs power in day time	EoI conditions prevails
34	4. Freedom from Grid and Grid Operator (Can be deployed in area where grid is not available)	EoI conditions prevails
35	5, Large scale deployment	EoI conditions prevails
36	7. Ease of availability of land required for setting up projects	EoI conditions prevails
37	Please clarify whether tariff rate will be revised as per the APPC price revision	APPC & tariff will be revised as per the MERC orders time to time .
38	The cost agreement of the land as revenue sharing should be made in lumpsum OR there should be lease agreement for the same on lump sum basis	Revenue sharing for land cost will be in line with MERC guidelines of ROE.

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39	Developers must be allowed to develop the plant as per their drawing and engineering design. There Should not be any preapproval condition to seek from Mahagenco. Any loss of generation if any, due faulty design could be penalised by Mahagenco to deter the developer in having faulty design.	As per RFP documents.
40	Please increase the upper limit of Capacity Utilization factor from 19% to 24%	EoI conditions prevails.
41	MSPGCL/MEDA/MSEDCL should pay for the failue of offtake of power once there is no load requirement from agricultural consumers as developers should not be penalised for same OR power could be feed into the grid and for same developers could be paid at APPC price. Also, this feeder is agricultural, once consumers are paqying as per the tariff, MSPGCL/MEDA/MSEDCL should pay the developer as there is subsidy provided to agricultural consumers	EoI conditions prevails. This situation may not come where entire substation under breakdown for a long period. If such incidence occurs then developer will have to bear all the loss.
42	The Eoi is mainly for agricultural feeder and for the same a VGF is provided. But once there are no consumers and no VGF , the price to sell solar power in open market is not viable for developer. The VGF amount should not be removed even if there is no agricultural load.	VGF shall be provided for erection & Commissioning of the project.
43	Please remove the technical criteria from this EoI as the capacity under this EoI is for 2MW only and removal of this criterion will bring large no of companies and will ensure good competition.	EOI conditions prevails

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	PPP Basis-	
44	Instead of floating a SPV by bidder, we can have a JV with MSPGCL .Share in JV can be based upon land value contributed by Mahagenco Vs Total Project Cost .SPV should be owner of projecrs assets instead of MSPGCL.	EoI conditions prevails.
45	MSPGCL should provide land by way of Right to Use to SPV/JV with Clear approval for assignmen of rights in favour of project lenders	EoI conditions prevails.
46	SPV should be allowed to create first charge on all project assets (100%) including land rights.	EOI conditions prevails
47	SPV should be allowed assignment of PPA rights in favour of project lenders. This permission can be given in PPA itself	EoI conditions prevails.
48	Same SPV should be allowed to Bid for multiple projects.	Not accepted. However the SPV partner may participate.
49	Bank Guarantee from Private Bank like Indusind, Yes Bank etc should also be acceptable.	EoI conditions prevails.
	PPP Model-	
50	We request to change the clause to "Distribution of Power shall be in the scope of MSEDCL"	EoI conditions prevails.
51	We request to change the scope of recovering of dues/bills.Recoverieing of bills/dues shall be done by MSEDCL. Recovering of dues / Bills from consumers & paying to SPV shall be sole responsibility of MSEDCL.	EoI conditions prevails.

Sr. No	Pre-Bid Query	Mahagenco's Reply
52	We request to change the clause to MSEDCL shall be delegated to all the powers of temporary/permanent disconnections of the non- paid consumers in line with the MSEDCL norms & rules.The fees/penalties towards the reconnection of Temporarily disconnected and permanently disconnected consumers will be recovered by the MSEDCL.	EoI conditions prevails.
53	We request to remove scope of work (Distribution & Maintenaneof AG feeder area network) from private partner. It shall be done by MSEDCL.	EoI conditions prevails.
54	We request to change the clause to "the developer /Investor shall have a minimum Average Annual Net worth of Rs 10 Crores & above (average past three financial years i.e 2013-14,2014-15,2015-16)".	Eligibility criteria/QR is revised please refer Annexure-I
55	We request to remove the scope of distribution work from private partner	EoI conditions prevails.
	EPC Model	
56	We request to change the clause to "the developer /Investor shall have a minimum Average Annual Net worth of Rs 10 Crores & above (average past three financial years i.e 2013-14,2014-15,2015-16)".	Eligibility criteria/QR is revised please refer Annexure-I
57	Make in India Criteria : The PV modules used for the project should be manufactured in India. Preference would be given to Bidders who have module manufacturing capacity in India of more than 50 MW per annum.	Will be clarified in RFP.
58	Bidding through Consortium : Request to allow bidding through consortium for meeting technical and financial	Joint Venture/ Consortium is allowed.

Sr. No	Pre-Bid Query	Mahagenco's Reply
	qualification criteria through the credentials of Consortium Members.	
59	There will always be some net -import of energy from the MSEDCL grid or net - export of energy to the MSEDCL grid, over a period of time	There will be some limit to the extent for import of power from Solar Power developer . It will be clarified in the RFP
60	What is the settlement period, to calculate net Import – Export of Energy?	It will be clarified in the RFP
61	Max amount of Energy allowed to Export to MSEDCL Grid (over a period of time) from Solar Power Project	It will be clarified in the RFP
62	Max amount of Energy allowed to Import from MSEDCL Grid (over a period of time) by Agriculture Feeder	It will be clarified in the RFP
63	Will excess energy exported to MSEDCL Grid will be carried forward to next settlement	Monthly settlement
64	As per “M2 Meter” reading, MSEDCL will pay to SPV Company as per APPC Price plus Rs. 1.73/Kwh	Only billed amount to Ag cosumers will be eligiblefor prevailing agriculture susidy(Presently 1.73 /Kwh). No APPC will be paid on these units.
65	<p>Power to the “farmers” is supplied both from “Solar Power Project” and “MSEDCL Grid” and at any given time, farmer will not know if the power is coming from “Solar Power Project” or “MSEDCL Grid” or both - “Bidder (solar project developer / investor)” is not directly involved in selling of power to “Farmers”</p> <ul style="list-style-type: none"> - “MSEDCL” is selling of power to “Farmers” through the “Distribution Franchisee” - “SPV” formed by “MSPGCL” and “Bidder (solar project developer / investor)” will be selling power to “MSEDCL” 	EoI conditions prevails.If there is any deviation in the EPC/PPP model it will be incorporated in RFP.

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66	What is the APPC for last few years?	FY 2011-12 = Rs 3.34 per unit FY 2012-13 = Rs 3.61 per unit FY 2013-14 = Rs 3.39 per unit FY 2014-15 = Rs 3.87 per unit FY 2015-16 = Rs 3.79 per unit
67	Will MSEDCL will be giving BG for PPA to be signed with SPV	It will be clarified in RFP
68	Is PPA draft available from MSEDCL	It will be made available
69	<p>"if farmers deny purchasing solar power from the solar project, then solar developer may sell power to any consumer in the state".</p> <ul style="list-style-type: none"> - The SPV of Solar Project developer is not selling power to "individual farmer" -The SPV of Solar Project developer is selling power to "MSEDCL", by signing "PPA" - MSEDCL is selling the power to farmer through Distribution Franchisee - Can we sign two PPA, i.e. one with MSEDCL and other with "Energy Consumer" in the state for single project to be connected to "Grid" - Signing two PPA will create problems for "PPA" based financing of "Solar Power Project" 	EoI conditions prevails. If there is any deviation in the EPC/PPP model it will be incorporated in RFP.
70	What is the base / formula used for arriving at 2 MW capacity of Solar Power Project for Agriculture Feeder having a load of 1924 hp	CUF & existing load is considered
71	Additional information required, i.e. past record for duration of one year / last few years about energy consumption by Agriculture Feeder (Voltage / Current / Frequency / VAR /kWhr / KVAR / power	It will be provided by MSEDCL

Sr. No	Pre-Bid Query	Mahagenco's Reply
	factor)	
72	What is the max energy (kWhr) that will be supplied day time during 9 am to 5 pm	It depends upon Generation of solar plant, consumer load, season and crop pattern
73	In case of cloud cover, will MSEDCL be in position to take care of supply to agriculture feeder, at full load	Yes
74	Single phase supply can be maintained for consumers from 5 pm to 9 am, only by importing power from Grid	Yes
75	During any circumstances, if solar project developer/investor fails to generate and evacuate solar power, because of non availability of Grid, between 9 AM to 5 PM and if MSEDCL fails solve the problem of Grid availability, then what will be the compensation offered to SPV (solar project developer/investor) Making available Grid for normal operation of "Solar Power Project", between 9 AM to 5 PM, is responsibility of MSEDCL	It will be clarified in the RFP
76	CUF will be less than 19% of the capacity, because grid will be available during 9 am to 5 pm only	Grid is available for 24 hours except breakdown
77	Replacing the 100% Grid Power Supply to the Load (agriculture feeder) by Grid Connected Solar Power Plant, will make grid unstable, if -There is insufficient capacity in Grid to receive power exported by Grid Connected Solar Power Plant: -There is insufficient capacity in Grid to supply power to the Load (agriculture feeder):	sufficient grid capacity is available

Sr. No	Pre-Bid Query	Mahagenco's Reply
78	<p>Query_001: - "Farmers" having irrigation pump connected to the "Agriculture Feeder", cannot have option to reject the power from "Solar Power Plant"- The power from "Solar Power Plant" is sold by "SPV" formed by "MSPGCL" and "Bidder (solar project developer / investor)" to "MSEDCL" by signing "PPA" with it. - "Bidder (solar project developer / investor)" is not directly involved in selling of power to "Farmers" - The power from "Solar Power Plant" is not sold by "SPV" to "Framer" - Power is sold to the "Farmers" by "MSEDCL" through the "Distribution Franchisee" - Power to the Distribution Franchisee" is supplied both from "Solar Power Project" and "MSEDCL Grid" and at any given time, farmer will not know if the power is coming from "Solar Power Project" or "MSEDCL Grid" or both.</p> <p>Query_002: - If "Farmers" do not want to buy power from "Solar Project" - And if "Farmers" want to buy power from "MSEDCL" - Then is it possible to isolate such farmers from other farmers and supply power to them by "MSEDCL"</p>	<p>EOI conditions prevails. If there is any deviation in the EPC/PPP model it will be incorporated in RFP.</p>
79	<p>Can we install additional equipments to improve the quality of power, managing the distribution and ease of payment collections?</p>	<p>Yes, but with prior permission of MSEDCL</p>
80	<p>Can we bid for project and develop the project without taking any Viability Gap Funding (VGF)</p>	<p>EOI condition prevails</p>
81	<p>Can we arrange land required for Solar Power Project our self?</p>	<p>EOI condition prevails</p>

Sr. No	Pre-Bid Query	Mahagenco's Reply
82	Can investor / Developer form a Consortium of companies to fulfill the Eligibility Criteria?	Yes
83	If investor / Developer is not qualified, as per "EOI" document, but he is in position to offer innovative solution, that can offer • Supply of Electricity to the irrigation pump sets of farmers, for min 12 hrs a day (in day time) • Power to the farmers at min cost or nil cost • Requiring min or nil subsidy from GOM • Requiring min or nil cross subsidy from Energy Consumer • Min support involvement of MAHAGENCO / MSEDCL • Supply power irrigation pump sets of farmers, with min or nil access to Grid / dependence Grid Then, what will be the decision? Will "Investor / Developer" be given opportunity to develop project?	EOI condition prevails
84	26. The suggested techno – commercially viable changes are -- Small size project and more number of projects, rather than big size and less number of project - PV Greenhouse based Solar Power Generation rather than ground mounted Solar Power Project - Energy Storage for reducing / eliminating dependence on Grid and grid stability - Independent and 100% ownership of project (without any need for MAHAGENCO to get involved in the ownership) with developer - There is no need of VGF / Subsidy from govt	EOI condition prevails
85	What is the primary objective of setting up of "Solar Powered Agriculture Feeder"? Will it be for benefit of MAHAGENCO - MSEDCL or Framer?	1) To promote clean, green & RE energy 2) To give day time power to the farmers.

Sr. No	Pre-Bid Query	Mahagenco's Reply
86	<p>Will “MAHAGENCO – MSECDCL – MEDA” will change the “EOI” for the benefit of “Framer”, if Investor / Developer is in position to offer innovative solution, that can offer - Supply of Electricity to the irrigation pump sets of farmers, for min 12 hrs a day (in day time) - Power to the farmers at min cost or nil cost - Requiring min or nil subsidy from GOM - Requiring min or nil cross subsidy from Energy Consumer - Min support involvement of MAHAGENCO / MSEDCL - Supply power irrigation pump sets of farmers, with min or nil access to Grid / dependence on Grid</p>	It will be decided after your proposal
87	<p>If “MSEDCL – MAHAGENCO – MEDA – Energy Department of (GOM)” refuses to entertain the query and discussion about the queries and suggested changes in the project by prospective Investor / Developer having innovative solution to solve the problem of farmers / for the benefit of farmer, i.e.</p> <ul style="list-style-type: none"> • Getting supply of Electricity to the irrigation pump sets, for min 12 hrs a day (in day time) • At min cost or nil cost to framers • Requiring zero VGF from MNRE • Requiring min or nil subsidy from GOM • Requiring min or nil cross subsidy from Energy Consumer • Min support involvement of MAHAGENCO / MSEDCL <p>Then can we go to following entities, for discussion about the queries and</p>	It is policy matter & will be decided after receipt of your concrete proposal.

Sr. No	Pre-Bid Query	Mahagenco's Reply
	<p>suggested changes in the project and get justice for the benefit of farmers</p> <ul style="list-style-type: none"> • Court • MERC • CREC • MNRE • GOM (Sate Govt) • GOI (Central Govt) • Agriculture Minister • Energy Minister • CM • PMO 	
88	<p>Page No. 5 clause no. 1 MAHAGENCO intends to develop 2MWac capacity grid connected solar power project. Request you to please define the plant capacity in the DC because the subsystem responsible for converting the primary energy source, in the form of light, into electrical energy is the array of photovoltaic cells. The combined output capability of the solar modules is therefore the first determining factor for the capacity of the system.</p>	It will be clarified in the RFP
89	<p>2) Page No. 5 clause no. 1 kindly clarifies the exact feeding point of solar energy.</p>	11 LKV level at 33/11 KV substation of MSEDCL
89	<p>3) Page No 12 Clause No. 6 Eligibility Criteria, "The BIDDER should have installed, commissioned and maintained (for at least last 3 years continuously in the last 10 years), at least one grid connect Solar PV project of minimum 2 MW capacities. The Applicant is required to submit the Certificate from concerned</p>	As per EOI conditions

Sr. No	Pre-Bid Query	Mahagenco's Reply
	authority for successful commissioning and running of solar power project.”. We have installed 8.5 MW Solar Power Plant at Jain energy Park, Jalgaon under REC scheme and which is running successfully since 19.06.2012. We request you kindly consider our REC project as experience, supporting document enclosed for your ready reference.	
90	Who shall bear the insurance for entire plant as well as Transmission line?	It will be clarified in the RFP
91	Which type of land will be utilized for proposed project?	Preferably non cultivated land
92	Can we change capacity of individual inverter? Total inverter capacity will be 2 MWp or more.	As per EOI conditions
93	Who is responsible for security/ theft of plant during operation and maintenance?	Solar project developer will be responsible for security/ theft of plant during operation and maintenance
94	We request you to allow Consortium/Joint Venture	Consortium/JV is allowed for bidding.
95	Please confirm what will be the payment terms for EPC contractor for this project ?	Milestone payment schedule shall applied.
96	Do we have to submit any EMD or PBG for the bid ? If yes , than how much is the percentage generally ?	EMD shall be 1% of the project cost exact value shall be specified in the RFP.
97	For laying of transmission line of 5 KM getting Right of Way(ROW) will be in whose scope ?	Query is already answered as above.
98	Please confirm whether site will be in leveled condition at the time of handover or leveling will be in our scope ?	feasible suitable land will be provided for the project
99	We request to allow Consortium/Joint Venture for Agricultural Feeder Project	Consortium/JV is allowed for bidding.
100	Can we submit our EoI in Joint Venture for both EPC and PPP basis. If yes, the	Consortium/JV is allowed for bidding.

Sr. No	Pre-Bid Query	Mahagenco's Reply
	terms and conditions of Joint Venture may please be informed to us.	

NOTE : Above responses to the queries are applicable as per the mode (EPC or PPP) they pertains. However, the revised clauses will be equally applicable for similar/common clauses of both EPC & PPP mode.

Annexure : I

Note: This Eligibility Criteria is applicable for all three EOI of 2MW Karjulepathar & 2MW Kolambi EPC AG feeder solar project & 2MW Salse PPP AG feeder solar project. The clause numbers may change as per respective clause numbers mentioned in the respective EOI.

6.0 Eligibility Criteria

Solar Power EPC Contractor should be a Company registered in India and authorized to carry out total complete project work Power Projects & Engineering Infrastructure works.

The Applicant shall have valid Service Tax registration certificate. No Applicant shall submit more than one Application in response to this EOI document.

6.1 Technical Qualification

The Applicant shall also meet the minimum stipulated technical eligibility criteria specified hereunder.

- Should have installed, commissioned and maintained at least one grid connectd Solar PV project of minimum 2 MW capacity within last 7 years. The Applicant is required to submit the Certificate from concerned authority for successful commissioning and running of solar power project.

6.2 Financial Qualification

A. Net worth

The Net worth of the tenderer/ bidder as on 31st March of previous financial year should be positive. The Applicant is required to submit a certificate from Statutory Auditors or practicing Chartered Accountant (in original), as proof of positive Net-worth.

Net Worth is defined as: lease note that, Net Worth means sum of the paid up share capital and free reserves. Free reserves shall mean all reserves credit out of the profit and share premium account but not include reserves credited out of the revaluation of assets, write back of depreciation provision and amalgamation. Further, any debit balance of profit and loss account and miscellaneous expenses to the extent not adjusted or written off, if any, shall be reduced from reserves and surplus. Other income shall not be considered for arriving at annual turnover.

For the purposes of meeting financial requirements only unconsolidated audited annual accounts shall be used. However, audited consolidated annual accounts of the Bidder may be used for the purpose of financial requirements provided the Bidder has at least twenty six percent (26%) equity in each company whose accounts are merged in the audited consolidated account and provided further that the financial capability of such company (of which accounts are being merged in the consolidated accounts) shall not be considered again for the purpose of evaluation of the Bid.

If Bid is submitted by a Consortium, the Net worth requirement is to be met by Lead Member of the Consortium. The Bidder may seek qualification on the basis of financial capability of its Parent Company for the purpose of meeting the Qualification Requirements. In the case of the Bidder being a Bidding Consortium, Lead Member may seek qualification on the basis of financial capabilities of its Parent Company. In such an event, the bidder would be required to furnish along with its bid, a Letter of Undertaking from the Parent Company, supported by Board Resolution, pledging

unconditional and irrevocable financial support for the execution of the Contract by the bidder in case of award.

Parent Company shall be construed as reference to any company or corporation of which the other company or corporation is a Subsidiary i.e. at least 51% stake in the subsidiary is held by the Parent Company.

In case of a bidder seeking qualification on the basis of financial capability of its Parent Company, the Parent Company shall have minimum 51% stake in the Bidder/Lead Member for construction period and also first 3 years of O&M and minimum 26% stake in the Bidder/Lead Member for next 2 years of O&M.

In case of a bidder seeking qualification on the basis of financial capability of its Ultimate Parent Company, the Ultimate Parent Company shall have minimum 51% stake in the Parent Company of the Bidder/Lead Member for construction period and also first 3 years of O&M and minimum 26% stake in the Parent Company of the Bidder/Lead Member for next 2 years of O&M. Also the Parent Company shall have minimum 51% stake in the Bidder/Lead Member for construction period and also first 3 years of O&M and minimum 26% stake in the Bidder/Lead Member for next 2 years of O&M.

B. Turnover

The Contractor shall have a minimum **Average Annual Turnover of Rs.10 crores** (average of past three financial years i.e. 2013-14, 2014-15, 2015-16). In case of the bidding Company operating for less than 3 years, the average annual turnover shall be **Rs.10 crores**, calculated based on number of years of operation. Applicant is required to submit a certificate from Statutory Auditor or practicing Chartered Accountant (in original), as proof of Turnover.

If Bid is submitted by a Consortium the Turnover requirement is to be met by Lead Member of the Consortium. The Bidder may seek qualification on the basis of financial capability of its Parent Company for the purpose of meeting the Qualification Requirements. In the case of the Bidder being a Bidding Consortium, Lead Member may seek qualification on the basis of financial capabilities of its Parent Company. In such an event, the bidder would be required to furnish along with its bid, a Letter of Undertaking from the Parent Company, supported by Board Resolution, as per Annexure provided, pledging unconditional and irrevocable financial support for the execution of the Contract by the bidder in case of award. Parent Company shall be construed as reference to any company or corporation of which the other company or corporation is a Subsidiary i.e. at least 51% stake in the subsidiary is held by the Parent Company.

6.3 Consortium / Joint Venture

In case Bidder on his own does not meet the financial & experience qualifying criteria stipulated in any of the points above, the Bidder can bid through a Consortium/ Joint Venture.

- i Consortium/JV should fulfill qualifying criteria stipulated as above.
- ii Documentary proof regarding Consortium/JV shall be submitted along with the bid in the prescribed format.
- iii The Consortium/JV partners shall jointly and severally be responsible for execution of the contract and the warranties/guarantees for the project.

- iv The Consortium/JV arrangement shall continue till 90 days beyond the expiry of tenure of the project.
- v The members in the Consortium shall be limited to THREE only.
- vi One of the Consortium partners who will be responsible on behalf of the Consortium shall be designated as the lead member. Necessary "Power of Attorney" and "Deed of Agreement" shall be executed in this regard.

6.4 Joint Venture:

In case the bidder is joint venture Company, each promoter shall have minimum 26% equity in Joint Venture Company.

6.5 Exclusivity

- i. The Bidder can either submit the bid in his individual capacity or in Consortium /JV with other partner.
- ii. The partners in the Bidding Consortium/ JV shall not separately participate as independent Bidders or as members of any other Consortium /JV in this Bidding process. All bids in contravention of this shall be rejected.