Repl	Reply to pre-bid queries pertaining to tender for "Appointment of Consultant for preparation of Detailed Project Reports (DPRs), including Technical feasibility/Design & associated activities, for development of solar power projects on the				
SR NO.	CLAUSE NO.	EXISTING CLAUSE	BIDDER'S QUERY & SUGGESTION	MSEDCL's Response	
1	SCOPE OF WORK: 2.2	The above site survey shall include identification of available land and the kind of solar technology that can be best suited for each of the identified site(s)	As it is already mentioned in the clause no 2.1 the sites are already identified by WRD and also with the reference to Annexure-11 the coordinates of the site are also given. In that case we request to kindly clarify the sentence identification of available land as we are not getting a clear idea what exactly the consultant has to identify when already MSEDCL and WRD has identified the land. The consultant will Identify that the land identified by WRD and MSEDCL is feasible for the solar plant installation. Kindly clarify & confirm.	The clause is revised as follows: "The above site survey shall include identification of feasibility of the site out of the identified sites and the kind of solar technology that can be best suited for each of the identified site(s)."	
2	SCOPE OF WORK: 2.3	The site survey may be required to be done in coordination with WRD officials	The consultant will be entering in to the contract with MSEDCL. Therefore for smoother and faster communication we request to remove the coordination with WRD for site survey form the scope of consultant. All the required information and necessary coordination for the site survey shall be coordinated with MSEDCL by the consultant as the consultant will be entering in to the contact with MSEDCL.	It is to clarified that identified sites are in possession of WRD. Hence, the selected consultant shall need to coordinate with WRD for site survey and other details. However, MSEDCL may provide necessary support if required.	
3	SCOPE OF WORK: 2.5	The consultant also needs to identify the nearest sub-station (S/sn) for evacuation of the power from such site and assess the available capacity on such S/sn. The consultant if required shall be visiting the local Discom and Transco officials for further information.	We request MSEDCL to kindly provide the bidders with list of nearest substation near the identified sites as this data may be available with the Transco/Discom. On the basis of the list provided by MSEDCL. the consultant will assess the available capacity for evacuation of the power from such sites on Substation in coordination with local Discom and Transco officials.	The nearest substations to the sites is already provided in the Annexure-11. However, the complete details of nearest substation may be confirmed/obtained during the site visit by the consultant from WRD/MSEDCL officials.	
4	SCOPE OF WORK: 2.6	Preparation of site wise DPR covering details of site survey, feasibility study, proposed Grid connected solar PV project details including plant capacity, plant layout, design, technical specifications, details costing of proposed site wise project (material estimation, estimation of erection work cost, etc.).	The consultant will include in the DPR the Plant Layout ,Plant Capacity and Indicative Single Line Diagram, tentative project costing and the break up of the project cost will be indicated in percentage of the tentative total project cost which will include the percentage cost of Modules, MMS, Inverters, Transformers estimation of erection work cost etc. and general specifications of the proposed site based on the site survey ,feasibility study.  Design of the Solar plants will be submitted by the EPC Contactor, the consultant will review and approve the design/drawings submitted by EPC Contractor if Consultant is awarded with the PMC of the Project .  Kindly Confirm.	Consultant shall be responsible to complete entire scope of work as per Bid Document including Clarifications and Amendments if any. Further, it is clarified that the DPR shall contain the basic design (tentative Single Line Diagram and tentative schematic diagram) of the solar plants.	
5		Preparation of cost and financial model (which shall include cash flow detailed analysis, IRR, risk analysis, including varying projects costs and benefits and combination of these factors, O&M costs, ROI, etc.) for implementation of proposed Solar PV plant.	Kindly specify the other requirement if any as it is mentioned "etc."	These are the tentatvie parameters provided in the Bid document. In case of any other parameters required for Preparation of cost and financial model, the consultant may include the same.	
6	2. SCOPE OF WORK: 2.8	The final consolidated DPR and each site visit report needs to take cognisance of MNRE benefits, tax benefits, depreciation benefits and any other Govt. subsidy, etc.	Kindly specify the other requirement if any as it is mentioned "etc."	These are the tentatvie parameters provided in the Bid document. In case of any other parameters required for the final consolidated DPR and each site visit report , the consultant may include the same.	

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7	scope of Consultancy services: 4.1.1	4.1.1 The consultant shall study the suitability of the sites identified by WRD which are mentioned in the Annexure 11 for the installation of the Solar power plant based on the following: a. Availability of adequate space b. Accessibility to site c. Power evacuation d. Mark location in the Google Earth layout through in '.kmz' file e. Other survey inputs.	We request MSEDCL to kindly provide the clarification upon whether Topography and Contour Survey,Geo Technical investigation of the site are to be carried out or not by the Selected consultant.  If is to be carried out then we request to kindly specify the grid for Topography and Contour Survey and No.of Bores holes, Depth of bore holes, and Diameter of bore holes at each site for Geotechnical Investigation.  As the survey and investigation include the cost implications to the consultant which they have to consider while quoting the prices  Hence we request to kindly confirm whether these activities are to be carried out or not.  If these survey and investigation are to be carried out then please specify the requirements and publish in the corrigendum such that all bidders will be on the same page while quoting the rates for this project. Accordingly also increase the deliverable timeline for each sites.	The Topography Survey and Geo Technical Investigatoin shall be carried out by the consultant for each identified sites in coordination with WRD office as per best industry practices.
8	4. Detailed scope of Consultancy services: 4.1.3	Site visits shall be carried out by the consultant for assessment of the actual site conditions and other related information across a range of land (vacant/barren/un-used land) available near the Lift Irrigation schemes. Location suitability analysis shall be carried out by the consultant and incorporated in the prefeasibility report/site visit report.	We request to <b>kindly clarify</b> what activities to be carried out for location suitability analysis.	Site visits shall be carried out by the consultant for assessment of the actual site conditions and other related information across a range of land available near the Lift Irrigation schemes as per best industry practices. Based on these study/analysis, the consultant shall carry out the location suitability analysis to conclude that whether the land is suitable or not.
9	4. Detailed scope of Consultancy services: 4.1.4	The consultant shall carry out assessment and calculation of Solar PV capacity that can be installed on the site location considering the study of area and other factors affecting the calculation of the capacity of the proposed solar system at individual site/locations.	We again request to kindly clarify what other activities are required to carried out for the study of area.  As each activities has there own cost implication on the bidders.  Hence kind request to clearly mention the requirements and mention in the corrigendum such that each bidder can consider the same while quoting the rates	These are the tentatvie factors provided in the Bid document. In case of any other factors required for the study of area, the consultant may consider the same.
10	4. Detailed scope of Consultancy services: 4.1.7	Calculation of energy generation, calculation of system losses and system efficiency and performance prediction shall be carried out. <b>Design of plant</b> with estimated electricity generation based on the solar re-sources assessment of the site, <b>technology</b> & design considerations.	The Consultant will provide the Calculation of energy generation, calculation of system losses and system efficiency and performance prediction.  Where as the calculation of the energy generation will include all type of losses (i.e. Conversion Losses, Transformer losses, Cable Losses, Auxillary consumption.) based on technology and general design consideration.  The design of the plant provided by the consultant will be general plant layout and indicative SLD. The detailed design of the plant will be provided by successful EPC Contractor for the project.  Kindly Confirm.	Yes, the design of the plant provided by the consultant shall be general plant layout and indicative SLD.

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11	scope of Consultancy	The consultant shall study system configuration and specifications ((e.g. construction plans, module support structure and module mounting, power inverters/transformers and junction boxes, component selection and coordination, power system parameters, grounding and lightning protection concept, compliance with electrical safety regulations, compliance with relevant standards).	These are the activities that are generally covered under the scope of work which include the Tender preparation / Bid Advisory Service as this assignment does not include the Tender Preparation Bid Advisory Services hence we request to kindly remove this from the scope of consultant.  The consultant generally provide Plant layout and Indicative SLD, and general details of the project components.  We request to kindly confirm.	The clause has been deleted.
12	4.Detailed scope of Consultancy services: 4.1.12	Any other work on the above related issues /matters as may be assigned by Officer identified by MSEDCL.	Kindly mention the other works required form the consultant.  As there may be work which have the cost implication on the consultant which MSEDCL officer may ask the consultant to do.  Therefore we request to clearly specify the other works required under this assignment such that the consultant may consider it while quoting the prices for the tender.	It is clarified that other works shall include the analysis based on the suggestions of the final report.
13	4.Detailed scope of Consultancy services: 4.2.1 (vi)	Possible site and plant layout <b>design and drawings.</b>	As a general consultancy followed the consultant will provide the plant layout and tentative Single Line Diagram.  Detail Design and drawings will be submitted by the Successful EPC Contractor.  Kindly Confirm.	It is clarified that the DPR shall contain the basic design (tentative Single Line Diagram and tentative schematic diagram) of the solar plants.
14	4.Detailed scope of Consultancy services: 4.2.1 (vi)	Detailed <b>costing of the project</b> on the basis of market current rates.	The consultant will provide the <b>tentative project cost</b> based on the on its <b>own knowledge based on the market research conducted by inhouse experts</b> and <b>breakdown of the project cost will be provided in terms of percentage</b> for major equipments Like (Modules,Inverters,Transformers,MMS,Scada,Cables,Tranmission Infrastructure and other electrical and civil related cost).  We Request to kindly confirm or specify the other requirements.	Detailed costing of the project shall be as per best industry practices and on the basis of market conditions.
15	4.Detailed scope of Consultancy services: 4.2.1 (vi)	vii. Detailed technical specifications & costing of supply & erection of transmission line from solar plant to substation.	Detailed Technical Specifications are generally covered under the scope of work which include Tender Preparation/ Bid Advisory Services. As this assignment does not include the Tender Preparation/Bid Advisory Services, we request to kindly remove the detailed technical specifications form the scope of consultant.	The clause has been deleted. The conultants are advised to refer Sr.No. 14.
16	5. Minimum Qualification Criteria: 5.2	The bidder / firm, over the past 5 (five) years preceding proposal due date (PDD), should have successfully completed one assignment of 10 MW or above, for any registered public or private companies/ institutions / corporation wherein <b>feasibility study including inspection</b> / field survey / <b>design of system related solar study</b> / installation is done. The bidder is required to submit work order(s) with their work completion certificates(s), as documentary evidence	1) We request to Clarify the feasibility study including inspection, i.e. clarify the inspection term mentioned and which type of inspectin has to be covered in this particular clause.  2) By Design of system related solar study we understand that the consultant has completed a project of 10 MW or greater, which included the Design/Drawings review submitted by the EPC Contractor. We request to please confirm that our understanding is correct  If there is another interpretation of the sentence Design of system related solar study, please clarify.	"Inspection" word has been revised as "Inspection of site".     Your understanding is correct.

SR NO.	CLAUSE NO.	EXISTING CLAUSE	BIDDER'S QUERY & SUGGESTION	MSEDCL's Response
17	Qualification	The bidder should have successfully completed at least 3 DPR/PMC projects in Solar Energy sector both <b>Domestically and Internationally.</b>	The Interpretation form clause is that the bidder should have successfully completed at least 3 DPR/PMC projects in solar energy sector in India and at least 3 DPR/PMC projects in solar energy sector internationally.  This clause is valid and suitable for foreign based company whose subsidiary companies are operating in India.  But this clause will restrict the Indian origin companies to participate in the bid who has the vast experience of providing consultancy services for solar energy projects in India.  Therefore we request and strongly recommend to ammend this clause as follows The bidder should have successfully completed at least 3 DPR/PMC projects in Solar Energy sector Domestically  And For International groups having subsidiary company in India bidder should have successfully completed at least 3 DPR/PMC projects in Solar Energy sector both domestically and internationally.  This will enable a fair competition amongst the bidders.	The clause is revised as follows: "The bidder should have successfully completed at least 3 DPR/PMC projects in Solar Energy Domestically."
18		5.6 The bidder /firm should have successfully completed similar assignments as mentioned in clause no. 5.2 (above) during last five financial years a) One similar completed works costing not less than 80% of estimated value/consultancy value or  b) Two similar completed works costing not less than 60% of estimated value/consultancy value or  c) Three similar completed works costing not less than 40% of estimated value/consultancy value	From this clause it is not possible for any bidder to judge whether they are eligible for bidding in tender or not as the estimated value/consultancy value in nowhere mentioned in the tender.  For clear understanding regarding the eligibility against this clause we request MSEDCL to kindly mention the estimated value/consultancy value of this tender	The clause has been deleted.

SR NO.	CLAUSE NO.	EXISTING CLAUSE	BIDDER's QUERY & SUGGESTION	MSEDCL's Response
			The financial eligibility criteria for the said tender is very high as the consultancy projects are not very high value projects in terms of cost.  We request to kindly reduce the financial eligibility criteria so that more prospective bidder can participate in the tender.  We request to kindly amend this clause as follows:  The cumulative turnover of the bidder from the consultancy services shall be minimum INR 10 (Ten) Crores during the last three financial years.  OR  The average annual Turnover of the Bidder from the Consultancy services shall be minimum INR 4 (four) Crore during the best three years out of last five financial years which should be evidenced by certificate from the statutory auditor (CA) and extract of statutory audited accounts.	The clause is revised as follows:  "The average annual Turnover of the Bidder from the consultancy services be a minimum of INR 1 (One) Crore during the best three years out of last five financial years which should be evidenced by a certificate from the statutory auditor (CA) and extract of statutory audited accounts. The net worth of the company shall be positive."
			The expected average turnover is too high. Considering the size of the project, average annual turnover can be restricted to 75 lakhs.	
19	5. Minimum Qualification Criteria: 5.7	The average annual Turnover of the Bidder from the Consultancy services shall be minimum INR 20 (twenty) Crore during the best three years out of last five financial years which should be evidenced by certificate from the statutory auditor (CA) and extract of statutory audited accounts. The net worth of the company shall be positive.	As indicated in the tender you need experience of a minimum total 50MW in the last 5 years.  Suppose the estimated projected cost is INR 300 Cr (INR 6 Cr per MW).  As per the GR for Consultant 2% of project cost is the fees for project management consultant (PMC), out of which 33% of fees (33% of fees 2% amount) is for the preparation of DPR( the similar scope as per tender)  It comes around INR 1.98 Cr for 5 years, it will be around INR 40 Lakh per year.	
			Please amend as "The average annual Turnover of the Bidder from the Consultancy services shall be minimum INR 1 (One) Crore during the best three years out of last five financial years which should be evidenced by certificate from the statutory auditor (CA) and extract of statutory audited accounts. The net worth of the company shall be positive.	
			REMARKS - We would like to submit that as per CVC guidelines financial criteria should be kept as 30% of estimated cost of consultancy assignment. Most of PSU are following CVC guidelines, extract of their financial eligibility is enclosed as Annexure 1.	
			Turnover Qualification Criteria mentioned in the tender are usually high the the value of work and quantum of work to be executed as per the scope. Kind request to follow CVC guidelines for turnover criteria and shall be kept 30% estimated value of the project.	
			With respect to our query related to clause no 5.7 regarding financial eligibility criteria we request to kindly amend this evaluation criteria as follows:	
20	6. Selection procedure: 6.2	Average Turnover of the Bidder is INR 20 Crore during best three years out of last five years- 5 Marks	The cumulative turnover of the bidder is INR 10 Crore during the last three years - 5 Marks OR The average annual Turnover of the bidder is INR 4 Crore during the last three years - 5 Marks	The clause is revised as follows: The average annual Turnover of the bidder is INR 1 Crore during the last three years - 5 Marks

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21		Average Turnover of the Bidder is more than <b>INR 25 Crore</b> during best three years out of last five years, additional marks - 5 Marks	With respect to our query related to clause no 5.7 regarding financial eligibility criteria we request to kindly amend this evaluation criteria as follows:  The Cumulative turnover of the bidder is more than 10 Crores during the last three years, additional marks - 5 marks  OR  The average annual Turnover of the bidder is more than 4 Crores during the last three years, additional marks - 5 marks	The clause is revised as follows: The average annual Turnover of the bidder is more than INR 2 Crore during the last three years - 5 Marks
22		Site Visits to all of the identified sites-Tentative Timelines 1 Site Visits to all of the identified sites 4 weeks from LOA / intimation of list of sites	A list of 5 sites are already mentioned in Annexure-11 therefore we assume that the same list will be provided to the consultants during the intimation of list of sites.  If there is possibility of increasing the number of sites other than those mentioned in the Annexure-11 In that case we request o kindly mention the number of sites in the corrigendum such that each bidder can consider such site visits while quoting the rates for this tender.	It is to clarified that the List of tentative project sites for development of solar power projects at different Lift Irrigation Schemes are <u>05 (five)</u> and the same are attached as Annexure 11 in the Bid Document.
23	9.Delivarables	Site Visits to all of the identified sites-Tentative Timelines  1 Site Visits to all of the identified sites  4 weeks from LOA / intimation of list of sites	If the Geo Technical investigation and contour survey is to be carried out by the consultant in that case Each site visit will at least take 02 Weeks therefore we request to kindly confirm whether geo technical and contour survey is to be carried or not.  If it is to be carried out we request to kindly revise the site visit timeline considering 02 weeks at each site.  Le. Total 10 Weeks from LOA/Intimation of list of sites.	It is already clarified. Please refer to SI.No. 07
24		Submission of Initial Site report for all sites- 5 weeks from LOA / 1 week after completion of site visits/survey, whichever is later.	We request to kindly confirm whether a single report for all sites is to be submitted or individual reports for 05 Site.  If Individual initial site report is to be submitted in that case we request to kindly provide at least 02 weeks for submission of initial site visit report from the completion of Site visit of each location.	Individual site report shall be submitted for each identified site.
25	9 Delivarables	Submission of <b>draft Feasibility report/DPRs for all sites</b> 6 weeks from LOA / 2 weeks after completion of site visits / surveys	We request to kindly consider at least minimum 16 weeks from LOA/ 4 weeks after completion of site visits/surveys for the submission of DPR for all sites.	No change required in the Bid Document.
26	10.Payment Terms	After completion of all site visits and submission of site visit report - 20 %	We request to kindly revise the payment terms for this milestone as After completion of all site visits and submission of site visit report - 30 %	Provision of Bidding document shall prevail.
27		Submission of Final combined report along with Executive Summary and Presentation- 10 %	We request to kindly modify the payment terms under this milestone as follows Submission of Final combined report along with Executive Summary and Presentation- 20 %	Provision of Bidding document shall prevail.
28	10.Payment Terms	Acceptance of final combined report by MSEDCL/WRD- 30 %	We Request to kindly modify the payments terms under this milestone as follows Acceptance of final combined report by MSEDCL/WRD- 10 %	Provision of Bidding document shall prevail.
29	Annexure-11		The Land details provide in the Annexure-11 is based on the <b>single stretch</b> or it is <b>in the Different land patches</b> . Kindly Confirm.	This is in the scope of the bidder. The consultant has to check whether land is at a single location or in the different land patches.
30	General		The <b>last date for the submission of the hard copies</b> is not mentioned in the <b>tender documents</b> . We request to kindly mention the <b>last date for submission of the hard copies</b>	The last date for the submission of the hard copies and online submission of the bids is same which is in accordance with the Bid document.
31	General		We request to kindly extend the last date of Bid submission by 01 Week.	The bid submission due date is extended to 04/10/2022

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32	MINIMUM QUALIFICAT ION CRITERIA: 5.3	The bidder should have worked in at least three Indian States in Renewable Energy sector.	Not clear why it is necessary that consultant should have experience working in 3 states? Can you please remove this condition?	The clause has been deleted.
33	General		In annexures list of sites , details of only 5 sites are available, whereas it is mentioned 11 sites in heading, kindly clarify the same.	It is to clarified that the List of tentative project sites for development of solar power projects at different Lift Irrigation Schemes are <u>05 (five)</u> and the same are attached as Annexure 11 in the Bid Document.
34	General			It is clarified that the consultant shall prepare financial model with following scenarios in addition to clause 4.2.1.viii (vi) of Section-I in the bid document:  v. Feasibility of LIS consumer opting to develop the solar plant with the help of solar power developer and have PPA with the developer under open access/captive open access.  vi. Feasibility of LIS consumer installing solar plant on identified land for self-consumption and avail net-metering/net-billing connection.
35	General		Suggestion 2: Can you please work out an additional option for setting up 21.4 MW(Total requirement at all 5 Locations) at a single location?  It will need around 106 Acres of land nd substation within 10KM of radius from the site location, having possibility of evacuation for power from 21.4 MW solar project.  It will reduce RoW issues, will reduce installation of Transmission line of total 22.5, and will reduce cost for installation as well as O 7 m of 5 different evacuation.	No change required in the Bid Document.
36	General		PWC - We would like to request you to kindly allow submission of bids through a consortium as some of the activities such as drawing for plant design, SLDs, etc are usually outsourced to a draftsman, outside the organisation.  We would request you to kindly consider our submission as this would help us bring together the best of the experience and the team in delivering the assignment.	Consortium/JV is not permitted in this Tender.  Provisions of Bid Document shall prevail.
37		The tentative timeline for the Stage 1 and Stage 2 overall are two (2) months from the date of Letter of Award (LOA):	The total project timelines of 08 weeks appears to be less given the extent of work to be undertaken. We hereby propose following timelines for deliverables - o Site visit – 4 weeks o Initial site report – 6 weeks o draft DPR – 10 weeks o Final combined report – 12 weeks What will be the criteria and timelines for acceptance of a deliverable?	Provision of Bidding document shall prevail.

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38	General		We understand that MSEDCL has already been identified and consultant is required to carry out technical assessment of the same land for the DPR.	It is clarified that the consultant has to do initial site survey to identify the site feasibility and prepare the feasibility reports in line with the scope of work mentioned in the Bid Document. Thereafter, Detailed Project Reports shall be prepared for the identified feasible sites. In case any site is not feasible for setting up of the solar project then detailed feasibility report shall be submitted.
39	General		The limitation of liability is undocumented in the RFP. We request clarity on the same.     The Liquidated damages are undocumented in the RFP. We request clarity on the same.	Liquidated Damages for delay: In case of delay in completion of Services, liquidated damages not exceeding an amount equal to 0.2% (zero point two per cent) of the contract price per day, subject to a maximum of 10% (ten per cent) of the contract price will be imposed and shall be recovered by appropriation from the Performance Security or otherwise. However, in case of delay due to reasons beyond the control of the Consultant, suitable extension of time shall be granted.
				Further, draft agreement shall be shared with the consultant along with the Letter of Award.
40	General		Please clarify basis/reference document for estimating cost of connectivity network to connected proposed solar projects with the near sub-stations	It is clarified that the consultant has to estimate the cost of connectivity network/evacuation network as per prevailing market conditions and best industry practices.
		Bank Details of MSEDCL for Bank Guar		The maximum points/marks table has been revised as follows:
		Branch name- Mumbai Large Corporat	te Branch. Account Number- 016020110000033.	
		Name of Accoumt Holder: Maharashtr	a State Electricity Distrbution Co. Ltd	
		IFSC Code: BKID0000160. Type of acco	ount: Current Account	
		Sr. No.	Criteria for Technical Evaluation	Marks
		1	Successfully completed one assignment of 10 MW or above, for any registered public or private companies/ institutions / corporation wherein feasibility study including inspection / field survey / design of system related solar study/ installation is done	10
			Two assignment of 10 MW or above, additional marks	5
			Three assignment of 10 MW or above, additional marks	5
			More than three assignment of 10 MW or above, additional marks	5
41	Selection Procedure: 6.2	2	Experience of successfully completed atleast 3 DPR/ PMC projects in Solar Energy sector Domestically .	15
			In case of 5 DPR/ PMC projects, additional marks	5
			Experience of working in 2 DPR/PMC Projects in Solar Energy Sector in Irrigation related/LIS related projects, additional marks	5
		3	Experience of providing advisory services for atleast 50 MW of Solar Energy for Power sector Utilities	10
			More than 100 MW, additional marks	5
			More than 100 MW, additional marks	5
		4	Average Turnover of the Bidder is INR 1 Crore during best three years out of last five years	10
			Average Turnover of the Bidder is more than INR 2 Crore during best three years	5
			out of last five years, additional marks	<u> </u>
		5	out of last five years, additional marks Approach & Methodology and Work Plan  Total	15