

**Amendment - 1**

Selection of Consultancy Firm for Owners Engineer (OE) services for 100 MW (AC) Solar PV Project (160MWp DC capacity) along with 40MW/120 MWh Battery Energy Storage System at district Rajnandgaon, Chhattisgarh, India during Design, Construction, Commissioning and Operations of the facility under Innovations in Solar Power & Hybrid Technologies Project in India					
SECI/C&P/RfP/2020/CG/100/120/OE					
Sl. No.	Section	Page No.	Clause	Original Version	Amendment
1	7	93 of 152	6	<p><b>Project Manager:</b> A relevant degree in engineering with at least 15 years of experience of working in power sector, including 7 years of experience in renewable energy sector as an independent engineer. Preferable to have worked in Indian or similar power sector.</p> <p><b>Solar Expert:</b> A relevant degree in engineering with at least 15 years of experience, out of which a minimum of 5 years of experience in solar projects is required and including 7 years as independent engineer.</p>	<p><b>Project Manager:</b> A relevant degree in engineering with at least 15 years of experience of working in power sector, including 7 years of experience in renewable energy sector . Preferable to have worked in Indian or similar power sector.</p> <p><b>Solar Expert:</b> A relevant degree in engineering with at least 15 years of experience, out of which a minimum of 5 years of experience in solar projects is required and including 7 years .</p>
2				<p>"Similar works" means, the consultant must have provided consultancy services in Solar or Battery Energy Storage System Projects as Owner's Engineers or as Lender's Engineer or as Implementation Support Consultant.</p>	<p>"Similar works" means, the consultant must have provided consultancy services for <b>grid connected Renewable Energy Projects having storage component</b> as Owner's Engineers or as Lender's Engineer or as Implementation Support Consultant.</p>
3	7	91 of 152	4	Representative to be arranged for factory level / plant level pre-dispatch inspection ,Within 5 working days from the intimation mail/letter/ any suitable electronic medium.	Representative to be arranged for factory level / plant level pre-dispatch inspection ,Within 5 working days from the intimation mail/letter/ <b>in case the supplier is in India and 10 days in case of foreign country</b> , by any suitable electronic medium.
4				Owner's Engineer	Owner Engineer shall mean an independent firm (Organization, Consultant, Company) that engages in the business of providing professional services to protect Project Owner/Investor interests by ensuring that the technical, commercial and construction works carried out by the Engineering, Procurement and Construction Contractors engaged by the Owner adhere to the project specifications. Its functions include, but may not be limited to: Project Evaluation, Feasibility and Planning reviews, Contract reviews, Monitoring of Construction progress, monitoring of equipment and material compliance with specifications, Engineering design and planning reviews, Schedule Analysis and Optimization, Equipment Commissioning and Verification Test, Operational and Maintenance Review, Cost/Benefit Analysis, General reporting to owner
5				Lender's Engineer	Lender's engineer shall mean an independent firm (Organization, Consultant, Company) that engages in the business of providing professional services to protect the interests of Banking/Financing Institution interests by ensuring that the technical, commercial and construction works carried out by the Engineering, Procurement and Construction Contractors engaged by the Owner adhere to the project (which the financing institution has financed) specifications. Its functions include, but may not be limited to: Project Evaluation, Feasibility and Planning reviews, Contract reviews, Monitoring of Construction progress, monitoring of equipment and material compliance with specifications, Engineering design and planning reviews, Schedule Analysis and Optimization Equipment Commissioning and Verification Test, Operational and Maintenance Review, Cost/Benefit Analysis, General reporting to Banking/Financing Institution.
6				Implementation support consultant	Implementation Support Consultant shall mean an independent firm (Organization, Consultant, Company) that engages in the business of providing professional services to protect Project Owner/Investor interests by ensuring that the technical, commercial and construction works carried out by the Engineering, Procurement and Construction Contractors engaged by the Owner adhere to the project specification. Its functions include, but may not be limited to: Project Evaluation, Feasibility and Planning reviews, Contract reviews, Monitoring of Construction progress, monitoring of equipment and material compliance with specifications, Engineering design and planning reviews, Schedule Analysis and Optimization Equipment Commissioning and Verification Test, Operational and Maintenance Review, Cost/Benefit Analysis, General reporting to owner.
7	2 : Instruction to Consultants	44 of 152	Part B: Evaluation Criteria, 3. Key Professional Staff, (d)	Energy Storage Expert: A relevant degree in engineering with at least 10 years of experience.	Energy Storage Expert: A relevant degree in engineering with at least 15 years of experience out of which at least 5 years of experience with Battery Energy Storage Systems
8	2 : Instruction to Consultants	40 of 152	17.4	The Proposals must be uploaded on the e-procurement portal specified in ITC 1(m) no later than: Date: 19th Mar 2021 Time: 1400 Hours IST	The Proposals must be uploaded on the e-procurement portal specified in ITC 1(m) no later than: Date: 31st March 2021 Time: 1400 Hours IST
9	2 : Instruction to Consultants	40 of 152	19.1	<p>The procedure for online opening of technical proposals shall be: Technical proposal will be opened on the e-procurement portal by the Client's Evaluation Committee at the date and time indicated below. Date: 19th Mar 2021, same as the submission deadline indicated in 17.4. Time: 1430 Hours, IST Consultants have an option to attend the opening of the Technical Proposals in person. The opening shall take place at: Solar Energy Corporation of India Limited 1st floor, D-3Wing A, Prius Platinum Building District Centre, Saket, New Delhi – 17 Telephone: 011 71989290, Extension 290 E mail: sandeeprana@seci.co.in</p> <p>In the event of the specified date of proposal opening being declared a holiday for the Client, the proposals will be opened at the appointed time and location on the next working day</p>	<p>The procedure for online opening of technical proposals shall be: Technical proposal will be opened on the e-procurement portal by the Client's Evaluation Committee at the date and time indicated below. Date: 31st March 2021, same as the submission deadline indicated in 17.4. Time: 1430 Hours, IST Consultants have an option to attend the opening of the Technical Proposals in person. The opening shall take place at: Solar Energy Corporation of India Limited 1st floor, D-3Wing A, Prius Platinum Building District Centre, Saket, New Delhi – 17 Telephone: 011 71989290, Extension 290 E mail: sandeeprana@seci.co.in</p> <p>In the event of the specified date of proposal opening being declared a holiday for the Client, the proposals will be opened at the appointed time and location on the next working day</p>

**Amendment - 1**

**Selection of Consultancy Firm for Owners Engineer (OE) services for 100 MW (AC) Solar PV Project (160MWp DC capacity) along with 40MW/120 MWh Battery Energy Storage System at district Rajnandgaon, Chhattisgarh, India during Design, Construction, Commissioning and Operations of the facility under Innovations in Solar Power & Hybrid Technologies Project in India**

SEC/C&P/RfP/2020/CG/100/120/OE

Sl. No.	Section	Page No.	Clause	Original Version	Amendment																										
10	Special Conditions of Contract	135 of 152	23.1	<p>Limitation of the Consultant's Liability towards the Client:                      (a) Except in the case of gross negligence or willful misconduct on the part of the Consultant or on the part of any person or a firm acting on behalf of the Consultant in carrying out the Services, the Consultant, with respect to damage caused by the Consultant to the Client's property, shall not be liable to the Client:                      (i) for any indirect or consequential loss or damage;                      and                      (ii) for any direct loss or damage that exceeds [insert a multiplier, e.g.: one, two, three] times the total value of the Contract;</p>	<p>Limitation of the Consultant's Liability towards the Client:                      (a) Except in the case of gross negligence or willful misconduct on the part of the Consultant or on the part of any person or a firm acting on behalf of the Consultant in carrying out the Services, the Consultant, with respect to damage caused by the Consultant to the Client's property, shall not be liable to the Client:                      (i) for any indirect or consequential loss or damage;                      and                      (ii) for any direct loss or damage that exceeds <b>one</b> times the total value of the Contract;</p>																										
11	Section 2. Instructions to Consultants, C. Submission, Opening and Evaluation	43 of 152		<p>Specific experience of the Consultants relevant to the</p> <p>(i) Owner's Engineering or Lender's Engineering for S</p> <table border="1"> <thead> <tr> <th>Cumulative Capacity of Projects</th> <th>Marks</th> </tr> </thead> <tbody> <tr> <td>Up to 50 MW</td> <td>5</td> </tr> <tr> <td>50-100 MW</td> <td>10</td> </tr> <tr> <td>More than 100 MW</td> <td>15</td> </tr> </tbody> </table> <p>(ii) Owner's Engineering or Lender's Engineering for Battery En</p> <table border="1"> <thead> <tr> <th>Cumulative Capacity of Projects</th> <th>Marks</th> </tr> </thead> <tbody> <tr> <td>Up to 1 MW</td> <td>5</td> </tr> <tr> <td>1-2 MW</td> <td>10</td> </tr> <tr> <td>More than 2 MW</td> <td>20</td> </tr> </tbody> </table> <p>(i) Owner's Engineering or Lender's Engineering for Solar with Storage Projects                      (Note: As Preferential Experience for such projects, experience already accounted under (i) above can also be considered here if it includes a Storage Component) : 2 Marks for each Project subject to a maximum of 10 Marks</p>	Cumulative Capacity of Projects	Marks	Up to 50 MW	5	50-100 MW	10	More than 100 MW	15	Cumulative Capacity of Projects	Marks	Up to 1 MW	5	1-2 MW	10	More than 2 MW	20	<table border="1"> <thead> <tr> <th>No. of Projects</th> <th>Marks</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>10</td> </tr> <tr> <td>2-3</td> <td>20</td> </tr> <tr> <td>4-5</td> <td>30</td> </tr> <tr> <td>More than 5</td> <td>45</td> </tr> </tbody> </table> <p>Owner's Engineering or Lender's Engineering for Solar Projects with Storage Component</p>	No. of Projects	Marks	1	10	2-3	20	4-5	30	More than 5	45
Cumulative Capacity of Projects	Marks																														
Up to 50 MW	5																														
50-100 MW	10																														
More than 100 MW	15																														
Cumulative Capacity of Projects	Marks																														
Up to 1 MW	5																														
1-2 MW	10																														
More than 2 MW	20																														
No. of Projects	Marks																														
1	10																														
2-3	20																														
4-5	30																														
More than 5	45																														

**Clarifications to Queries raised during Pre proposal conference**

Selection of Consultancy Firm for Owners Engineer (OE) services for 100 MW (AC) Solar PV Project (160MWp DC capacity) along with 40MW/120 MWh Battery Energy Storage System at district Rajnandgaon, Chhattisgarh, India during Design, Construction, Commissioning and Operations of the facility under Innovations in Solar Power & Hybrid Technologies Project in India							
SECI/C&P/RIP/2020/CG/100/120/OE							
S No.	RIP Section	Page No.	Clause No	Description as per RIP	Queries	Category (Finance/Technical/Contractual)	Clarifications
1	2	35 & 44	14.1.2 & 21.1 Part B &	Estimated input of Key Experts' time-input: 436 person-months. A tentative person-month's estimate sheet is attached below for Consultant's reference, mentioning the approximate requirement of Key experts and other related Project staff. However, the mentioned Key Experts time input is for tentative reference only. The award of contract will be done on Lump Sum (Ls) basis for the entire scope of services of the Owner's Engineer (OE). Any additional Manpower contingency should be planned by the consultants in their proposals. Site In charge: A relevant degree in engineering with at least 10 years of experience of handling at least 2 solar projects of minimum 25 MW capacity, with a cumulative experience of not less than 100 MWp.	Man month input indication for the Site In charge position is not provided in the RFP. Please confirm that the site in-charge position can be taken up by one of the Site Engineer's Electrical or Civil. Also, please confirm if the Project manager position can be taken by either Solar or Storage expert as a dual responsibility.	Technical	The site in-charge position may be taken up by one of the Site Engineer's Electrical or Civil. Project manager position may be taken by either Solar or Storage expert as a dual responsibility.
2	2	40	17.4	The Proposals must be uploaded on the e-procurement portal specified in ITC 1(m) no later than: Date: 19th Mar 2021	It is requested that the bid submission deadline may be set for 2 weeks from the date of publishing of pre-bid clarifications	Contractual	The RIP submission deadline has been extended suitably. Kindly refer the Amendment 1
3	7	92	4-ii)	Duration of OE Service: The estimated duration of this consultancy/OE services to SECI is for a total period of 30 (Thirty) months which primarily includes the Project commissioning timelines of 18 Months plus 12 months of the first year Project operations. SECI may decide to continue with the services of OE after one year of stabilized operations subject to satisfactory performance with terms and conditions and scope of services mutually agreed either through extension of the contract or through a new contract. For any reasons the project timelines are extended, the OE's consulting period also shall be increased without any cost escalation.	We understand that consultants 'staff will be deployed for 30 months duration and any extension in time beyond 30 months will be done through an extension contract on mutually agreed man-month rates or an annual escalation basis on the man-month rates—at a pre-decided rate or linked to an Index like CPI/ WPI be considered beyond 30 months. Please clarify.	Technical	Please refer Clause No. 16.2, Section 2: Instructions to Consultants.
4	8	135	III-23.1	"Limitation of the Consultant's Liability towards the Client: (a) Except in the case of gross negligence or willful misconduct on the part of the Consultant or on the part of any person or a firm acting on behalf of the Consultant in carrying out the Services, the Consultant, with respect to damage caused by the Consultant to the Client's property, shall not be liable to the Client: (i) for any indirect or consequential loss or damage; and (ii) for any direct loss or damage that exceeds [insert a multiplier, e.g.: one, two, three] times the total value of the Contract; (b) This limitation of liability shall not (i) affect the Consultant's liability, if any, for damage to Third Parties caused by the Consultant or any person or firm acting on behalf of the Consultant in carrying out the Services; (ii) be construed as providing the Consultant with any limitation or exclusion from liability which is prohibited by the Applicable Law in India".	It is requested that the following clause may be amended to include "the total cumulative liability of the Consultant, howsoever arising under the Agreement shall in no event exceed the total fee received by it hereunder."	Contractual	The terms & conditions of the RIP shall prevail
5	8	137	III-46.2	Payment shall be firm and lump sum basis. SECI shall pay to Owner's Engineer within sixty (60) days after the receipt of the deliverable(s) and the cover invoice for the related lump-sum stage payment.	It is requested that the payment shall be made within 20 days of the receipt of the invoice and respective deliverable / milestone completion	Technical	The terms & conditions of the RIP shall prevail
6	8	139	III-46.2	In case of any milestones delayed due to DESIGN, SUPPLY & INSTALLATION (DSI) contractor, then 50% of respective mile stone payment shall be paid by SECI after detailed assessment and remaining amount shall be paid after meeting the milestone.	It is understood that the Consultant is expected to deploy staff and hence incur all the expenses (manpower + other direct costs), regardless of the contractor's work status, hence it is requested that the payment to consultant shall not be linked to contractor's or any third party's performance.	Contractual	The terms & conditions of the RIP shall prevail
7	7	93	6	<b>Project Manager:</b> A relevant degree in engineering with at least 15 years of experience of working in power sector, including 7 years of experience in renewable energy sector as an independent engineer. Preferable to have worked in Indian or similar power sector. <b>Solar Expert:</b> A relevant degree in engineering with at least 15 years of experience, out of which a minimum of 5 years of experience in solar projects is required and including 7 years as independent engineer.	We have noticed that project manager and solar experts are expected to have 7 years of experience as independent engineers. This can limit the participation of suitable experts who have the right skill and knowledge to deliver the role but have not worked as independent engineers. We request you to kindly do not make the requirement of the experience as independent engineer as mandatory so as to not limit the participation of a suitable candidates.	Technical	Please refer S. No. 1 Of Amendment 1.
8	2	36	14.1.2	From the table Civil Engineer-1 for SECI HQ Electrical Engineer-1 for SECI HQ Electrical Engineer-2 for SECI HQ	Arrangements for deployment of OE team at SECI's Corporate Office (CO): - The OE shall deploy 3-member engineering team from the Key Experts pool specified above at SECI Corporate Office, New Delhi  Please confirm if the OE Staff to be deployed at SECI HQ can be picked from the Key experts proposed for design related service elements or these experts are in addition to the Key experts proposed for design related service elements	Technical	OE Team at SECI HQ shall be from the Key Experts Pool.
9	8	137	III-46.2	Payment shall be firm and lump sum basis. SECI shall pay to Owner's Engineer within sixty (60) days after the receipt of the deliverable(s) and the cover invoice for the related lump-sum stage payment.	Being a MSME organization, the payment is requested to be made within 15 calendar days of the receipt of the invoice and respective deliverable / milestone completion	Contractual	This being a WB funded Project, the provisions pertaining to MSME does not apply here. The terms & conditions of the RIP shall prevail
10		35	14.1.2	Estimated input of Key Experts' time-input: 436 person-months.	Among the key experts, some are proposed for SECI(HO), some are proposed for site. Please clarify the following 1. Whether the proposed personnel are to be deputed to the respective places continuously for the for the desired man months or they are to visit the respective locations as and when required. 2. If they have to travel as and when required, how many such visits are to be required to be made. 3. Whether the travel expenditure (travel cost, Boarding, lodging, etc.) will be reimbursed by SECI. 4. Whether the other personnel, whose locations are not mentioned (table 14.1.2), will be working 'in house' only or they are also required to visit site / SECI(HO)	Technical	1. Key Experts deputed to Sites are expected to visit the respective locations as and when required. 2. 1 Visit every 2 months for such Key Experts may be considered for estimation purpose. 3. No, Quoted Price shall be inclusive of travel expenditure. 4.

**Clarifications to Queries raised during Pre proposal conference**

11	<b>Technical Mandatory Criteria</b>	41	21.1. (1)	<p>The consultant must have experience of having successfully completed one similar works costing not less than INR 3,40,00,000/- (Indian Rupees Three Crores &amp; forty lakhs only) in last (07) seven Financial years as on the last date of RIP submission.</p> <p>Similar works' means, the consultant must have provided consultancy services in Solar or Battery Energy Storage System Projects as Owner's Engineers or as Lender's Engineer or as Implementation Support Consultant.</p>	<p>The consultant must have experience of having successfully completed similar works with a cumulative cost d not less than INR 3,40,00,000/- (Indian Rupees Three Crores &amp; forty lakhs only) in last (07) seven Financial years as on the last date of RIP submission</p> <p>Note: One similar work may please be changed as similar works with cumulative capacity -----</p> <p>Similar works' means, the consultant must have provided consultancy services in Solar or Battery Energy Storage System Projects as Owner's Engineers or as Lender's Engineer or as Implementation Support Consultant Or Project Management Consultant</p> <p>One similar work may please be changed as similar works with cumulative capacity not less than INR 3,40,00,000/- (Indian Rupees Three Crores &amp; forty lakhs only) , out of which one such work shall not be of cost less than Rs 1.5 Cr. in last (07) seven Financial years as on the last date of RIP submission OR If owner similar work, then the cost may please be fixed as Rs 1,50,00,000.</p>	Contractual	The terms & conditions of the RIP shall prevail
12		42-43	21.1 .part B.	Key professional staff (If a key Professional staff are not on permanent payrolls of the organization, 10% of marks scored by him/her will be deducted)	Normally a consultancy company cannot keep in reserve such a big group of Experts/specialists. Hence the bidders may please be allowed to engage specialists /experts who are not in the muster of the company. The required qualification and experience only may be fixed for the key personnel.	Technical	The terms & conditions of the RIP shall prevail
13	2	12	3 (a)	(i) Conflict between consulting activities and procurement of goods, works or non-consulting services: a firm that has been engaged by the Client to provide goods, works, or non-consulting services for a project, or any of its Affiliates, shall be disqualified from providing consulting services resulting from or directly related to those goods, works, or non-consulting services. Conversely, a firm hired to provide consulting services for the preparation or implementation of a project, or any of its Affiliates, shall be disqualified from subsequently providing goods or works or non-consulting services resulting from or directly related to the consulting services for such preparation or implementation.	We are of the understanding that the conflict-of-interest clause is valid only for projects issued under loan No./Credit No./Grant No.: 8944-IN  Please Confirm	Contractual	No.
14	2	29	1(N)	The Lead Member of the JV shall meet individually not less than 50% of Technical mandatory criteria as per clause 21.1.1 & 21.1.2. However, all the JV partners/members must meet collectively 100% Technical mandatory criteria given under clause 21.1.3.	We request the Technical credentials of Bidder's Parent/Subsidiary companies be allowed for compliance to technical criteria.  Please Confirm	Contractual	Kindly refer clause No 21.1, Section 2. Instructions to Consultants for the same
15	2	29	1(N)	The Lead Member of the JV/Consortium shall meet individually not less than 50% of the Financial mandatory criteria as per clause 21.1.3. However, all the JV partners/members must meet collectively 100% Financial mandatory criteria given under clause 21.1.3.	We request the Financial credentials of Bidder's Parent/Subsidiary companies be allowed for compliance to technical criteria.  Please Confirm	Contractual	Kindly refer clause No 21.1, Section 2. Instructions to Consultants for the same
16	2	41	21.1	<p>The consultant must have experience of having successfully completed one similar works costing not less than INR 3,40,00,000/- (Indian Rupees Three Crores &amp; forty lakhs only) in last (07) seven Financial years as on the last date of RIP submission.</p> <p>'Similar works' means, the consultant must have provided consultancy services in Solar or Battery Energy Storage System Projects as Owner's Engineers or as Lender's Engineer or as Implementation Support Consultant.</p> <p>Following documents are required in support of the above criteria:</p> <p>a) Details of the assignments undertaken establishing the credentials of the consultant in the RE Sector in last 07 years.</p> <p>b) Client Contract/work order copies or Performance certificates indicating the scope &amp; cost of the project For meeting the Technical mandatory criteria as mentioned under point Nos 21.1.1 &amp; 21.1.2 above:</p> <ul style="list-style-type: none"> <li>• A job executed by a Consultant/JV for its own plant/ projects cannot be considered as experience for the purpose of meeting this Criteria.</li> <li>• The jobs executed by a Consultant/JV for its Subsidiary, Fellow subsidiary, holding company or Parent company will be considered as experience for the purpose of meeting this Criteria.</li> </ul>	<p><del>The current definition of similar works is very open ended and bidders will be interested who have no prior experience in Battery Storage technologies and its chemistries working with solar PV along with a Energy Management &amp; Forecasting system.</del></p> <p>Hence, we would like to propose to qualify only experienced bidders as per the CPWD clauses:</p> <p>'Similar Works' means consultancy services in a project which had all the components required in this particular TOR comprising of:</p> <ol style="list-style-type: none"> <li>1.Solar PV</li> <li>2.Battery Energy Storage with minimum two different battery chemistry technologies comprising of:             <ol style="list-style-type: none"> <li>a.Lithion Ion</li> <li>b.Flow</li> <li>c.NaS</li> <li>d.CAES</li> <li>e.PHS</li> </ol> </li> <li>3. Energy Management System</li> <li>4.Forecasting System</li> </ol> <p>as owner's engineers or as lenders engineer or as Implementation support consultant.</p> <p>The Bidder will have to submit project details as per compliance below i.e minimum one criteria below to be complied:</p> <ol style="list-style-type: none"> <li>A. Minimum 1 Project (80% of TOR) with 128 MW PV Capacity &amp; 96 MWhr of Battery Installation.</li> <li>B. Minimum 2 Projects (60% of TOR) with 96 MW PV Capacity &amp; 72 MWhr of Battery Installation.</li> </ol> <p><del>C. Minimum 2 Projects (60% of TOR) with 144 MW PV Capacity &amp; 108 MWhr of Battery Installation.</del></p>	Technical	Please refer S. NO.2 Of Amendment 1.
17	2	43	21.1 (3)	Key Professional Staff	We understand, the CVs are to be provided only for Key Professional Staff i.e a to g only.	Technical	CVs are to be provided for all staff for which the RFS specifies qualification and evaluation criteria.
18	2	19	17	An authorized representative of the Consultant shall sign the original submission letters in the required format for both the Technical Proposal and, if applicable, the Financial Proposal and shall initial all pages of both. The authorization shall be in the form of a written power of attorney attached to the Technical Proposal.	We recommend below for consideration :  An authorized representative of the Consultant shall sign the original submission letters in the required format for both the Technical Proposal and, if applicable, the Financial Proposal and shall initial all pages of both. The authorization shall be in the form of a written power of attorney/ <b>Board Of Resolutions attached to the Technical Proposal.</b>	Contractual	The terms & conditions of the RIP shall prevail
19	2	41	21	The consultant must have experience of having successfully completed one similar works costing not less than INR 3,40,00,000/- (Indian Rupees Three Crores & forty lakhs only) in last (07) seven Financial years as on the last date of RIP submission	By one similar works costing not less than INR 3,40,00,000/- (Indian Rupees Three Crores & forty lakhs only). <b>We understand that the above mentioned costing is the total project cost i.e EPC cost ( Including Design, Supply, Installation &amp; commissioning ). Kindly Clarify the same.</b>	Contractual	No. It's the Consultant Work order cost
20	2	41	21	'Similar works' means, the consultant must have provided consultancy services in Solar or Battery Energy Storage System Projects as Owner's Engineers or as Lender's Engineer or as Implementation Support Consultant.	<b>We Request you to add the Project Management Consultancy services in the mentioned clause along with the Consultancy services. We request you to kindly consider the same.</b>	Technical	Project Management Consultancy Services are Consultancy services under the definition of Similar Works. Please refer S. No. 2 Of Amendment .

**Clarifications to Queries raised during Pre proposal conference**

21	2	41	21	The consultant must have experience of having successfully completed one similar works costing not less than INR 3,40,00,000/- (Indian Rupees Three Crores & forty lakhs only) in last (07) seven Financial years as on the last date of RFP submission	<b>For this clause We recommend to consider the costing not less than INR 3,40,00,000/- as the total project cost for which the consulting services has been provided . We request you to consider the request.</b>	Contractual	No. It's the Consultant Work order cost
22	2	43	21	Minimum Average Annual Turnover (MAAT) of the consultant in the last three financial years should be INR 1,70,00,000/- (Indian Rupees One Crore & Seventy lakhs only). MAAT shall mean Revenue from Operations as incorporated in the <b>profit &amp; loss</b> account excluding other income, e.g. sale of fixed assets. This must be the Consultant's turnover and not that of its sister, parent or any group of Companies	As we being No profit & No loss trust & society, hence instead of profit & loss ,Income & Expenditure is applicable to us. We Kindly request you to add Income and Expenditure account along with the profit and Loss.	Contractual	The terms & conditions of the RFP shall prevail
23	2	43	21.1	Owner's Engineering or Lender's Engineering for Battery Energy storage projects	We Request you to kindly consider the <b>ongoing projects</b> under this clause. <b>We have a currently ongoing project of battery Energy storage system of 15 MWh Capacity for which we are providing the Project Management consultancy services for the project.(Solarization of Modhera Sun temple and Town). We request you to kindly consider this query.</b>	Technical	Terms and conditions of the tender document prevail.
24	2	43	21.1.	(If a key Professional staff are not on <b>permanent payrolls</b> of the organization, 10% of marks scored by him/her will be deducted).	<b>We Request you to consider the key professional staff who are on the contractual payrolls of the organization as well along with permanent payroll.</b>	Technical	Terms and conditions of the tender document prevail.
25	2	41	21.1	The consultant must have experience of having successfully completed <b>one similar works</b> costing not less than INR 3,40,00,000/- (Indian Rupees Three Crores & forty lakhs only) in last (07) seven Financial years as on the last date of RFP submission	We request to consider the <b>Cumulative cost</b> ( maximum 4 projects) not less than INR 3,40,00,000/- (Indian Rupees Three Crores & forty lakhs only) in last (07) seven Financial years as on the last date of RFP submission, <b>instead of one similar project cost.</b>	Contractual	The terms & conditions of the RFP shall prevail
26	7	89	3	PART C - During Operation: The OE shall deploy technically qualified manpower at site to monitor the (Order Management System) OMS undertaken and provide weekly monitoring report for 1-year post commissioning and report on all units of the Project in operation. The OE's report to SECI during supervision of operations shall include:	For site operations, kindly clarify whether Continuous deployment of manpower is require for the review of site operations & report. Whether consultant may deploy manpower on requirement basis and also do verify the online monitoring of plant.	Technical	Yes, continuous deployment of a Site Supervision Team is required during the Construction and O&M phase.
27	7	91	4	Representative to be arranged for factory level / plant level pre-dispatch inspection ,Within 5 working days from the intimation mail/letter/ any suitable electronic medium.	For physical presence of representative at factory for Foreign(abroad location) ,the 5 days time is too short. We request to you to kindly increase the days.	Technical	Please refer S No 3 of Amendnt
28	7	93	6	Key Experts Required: All experts as mentioned in RFP	Kindly clarify the meaning of Relevant degree of experts as mentioned in RFP .	Technical	Relevant degree implies a degree (BE/BTech for Indian Expert and equivalent undergraduate degree in case of foreign expert or a higher degree) in that field of engineering in which the professional is proposed as a Key Expert. For Solar Expert, Battery Expertand Electrical Design Expert, it is Electrical/Electronics Engineering, for Civil Design Expert it is Civil Engineering, for Site Incharge it is Civil/Electrical/Electronics/Mechanical.
29	Section 2	41	21.1.1	"Similar works" means, the consultant must have provided consultancy services in Solar or Battery Energy Storage System Projects as Owner's Engineers or as Lender's Engineer or as Implementation Support Consultant.	Please define "Owners Engineer", "Lenders Engineer" & "Implementation support consultant".	Technical	Please refer S No 4 of Amendnt
30	Section 2	41	21.1.1	"Similar works" means, the consultant must have provided consultancy services in Solar or Battery Energy Storage System Projects as Owner's Engineers or as Lender's Engineer or as Implementation Support Consultant.	Request you to kindly consider "Engineering done on behalf of Contractor DSI for solar projects" in Similar works	Technical	Terms and Conditions of the tender prevail. Please refer S. No.2 of Amendment
31	Section 2	43	21.1 Part B Parameter i) & ii)	Owner's Engineering or Lender's Engineering for Solar Projects, Battery Storage Projects	Request you to kindly consider "Engineering done on behalf of Contractor DSI for solar projects" in Evaluation Criteria	Technical	Terms and Conditions of th tender prevail. Please refer S. No. 2 of Amendment
32	Section 2	29 & 41	n) (iv) & 21.1	(iv) The Lead Member of the JV shall meet individually not less than 50% of Technical mandatory criteria as per clause 21.1.1 & 21.1.2. & 1. The consultant must have experience of having successfully completed one similar works costing not less than INR 3,40,00,000/- (Indian Rupees Three Crores & forty lakhs only) in last (07) seven Financial years as on the last date of RFP submission.	Please confirm whether more than one project will be considered for evaluation of similar work cost of INR 3,40,00,000/- (Indian Rupees Three Crores & forty lakhs only).	Contractual	No
33	Section 2 ITC	35	14.1.2	Estimated input of Key Experts' time-input: 436 person-months. A tentative person-month's estimate sheet is attached below for Consultant's reference, mentioning the approximate requirement of Key experts and other related Project staff. However, the mentioned Key Experts time input is for tentative reference only. The award of contract will be done on Lump Sum (Ls) basis for the entire scope of services of the Owner's Engineer (OE). Any additional Manpower contingency should be planned by the consultants in their proposals. Table	a) Key Personnel's – three engineers are not required at SECI Head Quarters. At the most, one engineer is sufficient for monitoring and follow-up with the project b) During the Operation & Maintenance period the manpower requirement has to be reduced. The person month service requirement 117 man-months is very high and in our opinion one Project Manager and two Site Engineers are sufficient to monitor the Operation & Maintenance of the plant. However, during stabilization period OE may include two more experts for two months. c) 5 number of support staff required for the entire period (27 months each) seems to be very high and needs rectification. d) From the note it is mentioned "Do not use for Fixed Budget method". Please confirm that the consultant will be deputed as many person as required based on the need of the project activities at appropriate stage and time period and no certification will be required for manpower deputed for release of payment We request SECI to reconsider this Clause and redraft the requirements in this clause accordingly. However, our offer will be submitted on the indicative requirement/methodology adopted stated in this clause/bid.	Technical	The terms & conditions of the RFP shall prevail
34	Section 2. ITC/Section- 7 TOR -	42 & 93	21.1/14.1.2 and 6	b) Site In charge: A relevant degree in engineering with at least 10 years of experience of handling at least 2 solar projects of minimum 25 MW capacity, with a cumulative experience of not less than 100 MWp. d)Energy Storage Expert: A relevant degree in Engineering with at least 10 years of experience Project Manager: A relevant degree in engineering with at least 15 years of experience of working in power sector, including 7 years of experience in renewable energy sector as an independent engineer. Preferable to have worked in Indian power sector.	We understand project manager is not required to be posted at site all the time. Site in charge will be the person who will be posted during execution and remain at site. However indicative manpower requirement does not specify requirement of site in charge Energy Storage Expert: In this clause the requirement of experience is 10 year but at page no 93 it is 15 years .Needs to rectified and as per our opinion it should be 10 years	Technical	Project Manager is not required to be permanently posted at site. The OE may choose to designate one of the engineers deputed to site as Site Incharge (provided the minium Qualifications as specified elsewhere are met). Minimum experience for Energy Storage Expert shall be 15 years out of which at least 5 years of experience with Battery Energy Storage Systems . Please fere S. No.7 of Amendment.

**Clarifications to Queries raised during Pre proposal conference**

35	Section 2 Data Sheet	37	16.2	No price adjustment is applicable for initial duration of the Contract and any extension till further 3 months. In case the Contract is delayed further because of delays in implementation of DSI contract for which OE services are being hired, following formula will apply for price adjustment (only for pending payment milestones):.....	Please confirm that in case execution period of 18 months is exceeded, SECI will make pro-rata basis payment for the key experts deployed and price adjustment shall be made beyond three months	Contractual	The terms & conditions of the RTP shall prevail
36	Section 3 SCC	137	46.2	.....payment can be withheld if SECI does not approve the submitted deliverable(s) as satisfactory in which case the SECI shall provide comments to the Owner's Engineer within the same sixty (60) days period. The Owner's Engineer shall thereupon promptly make any necessary corrections, and thereafter the foregoing process shall be repeated. The various stages of payment shall be as per following. <b>D Site supervision during O&amp;M-Quarterly payment on submission and acceptance of Quarterly Site Operations Review Report</b>	a) 60 days is too much for a manpower intensive lumpsum contract, The payment should be released in 15 days' time of submission of invoices as per milestone payment terms b) The payment during O & M period should be released on monthly basis and not on quarterly basis.	Contractual	The terms & conditions of the RTP shall prevail
37	Section 7 SoW	83	Task A1 Sl. No. 12	Join any meetings with CSERC, CSPDCL, CSPTCL, CREDA or any other agency as required by SECI."	How many visits are envisaged for meeting with various organizations of Chhattisgarh along with SECI. This is required to estimate the cost of visits.	Projects	It is envisaged to have one in two month period. However this may also vary as per actual requirements.
38	Section 7 SoW	86	Task B3	As required by SECI, witness the critical factory tests and inspections for major plant equipment. List of major items for inspection to be finalized amongst SECI, Contractor and OE at project design approval phase, but will include (though not limited to) solar modules, String Monitoring Boxes, SCADA, inverters, transformers, switchgear panels – both HT and LT, along with HT cables, Battery storage units, EMS and BESS. In case OE is unable to attend factory inspections at overseas locations, they will depute reputed Third- Party Inspection agencies to witness the factory inspections as per approved QA	As our experts are to be deputed for factory test and inspection for major equipment. We have following queries: - a) Please specify major equipment details such as Solar Modules / Inverter etc b) Cost of travelling for witnessing critical tests should be borne by SECI as at this stage the bidder is not able to envisage place of visit and number of visits for factory tests and inspection c) For inspection of solar modules and certain equipment, expert needs to travel outside India or not?	Technical	a) Major Equipment shall include PV Modules, Inverters/PCUs, Transformers, Switchgear Panels, Module Mounting Structures, BESS, SCADA and Energy Management System. b) The terms & conditions of the RTP shall prevail c) Yes, may be required to travel outside India.
39	Section 2	9	1 (g)	"Consultant" means a legally-established professional consulting firm or an entity that may provide or provides the Services to the Client under the Contract.	Can you please confirm whether the companies not incorporated in India are allowed to participate or not?	Contractual	Allowed
40	Section 2	32	2.1	Name of the Client: Solar Energy Corporation of India (SECI) Limited	Can you please provide the GST number along with GST registration certificate of the 'CLIENT' which is to be considered at later stage for invoicing. Same we require to generate the proposal in our system.	Contractual	Kindly refer SECI's website at www.seci.co.in under Finance section for the details
41	Section 2	35 & 36	14.1.2	Estimated input of Key Experts' time-input: 436 person-months. A tentative person-month's estimate sheet is attached below for Consultant's reference, mentioning the approximate requirement of Key experts and other related Project staff.	We understand that the person months provide under this clause are tentative and just for reference. Consultants have to estimate the exact person-months based on their experience and the methodology going to be opt by them (covering the whole scope) and accordingly estimate the Lump-sum Fee to be quoted. Can you please confirm our above understanding ?	Technical	Yes, provided minimum Key Professional Staff as per RIS is made available.
42	Section 2	35 & 36	14.1.2	Estimated input of Key Experts' time-input: 436 person-months.	Can you please also suggest the tentative person-months for Site in charge	Technical	Same as any of the Engineer at site
43	Section 2	41	21.1 Part A	Technical Mandatory Criteria: The consultant must have experience of having successfully completed similar works in last (07) seven Financial years as on the last date of RTP submission. 1. The consultant must have experience of having successfully completed one similar works costing not less than INR 3,40,00,000/- (Indian Rupees Three Crores & forty lakhs only) in last (07) seven Financial years as on the last date of RTP submission. "Similar works" means, the consultant must have provided consultancy services in Solar or Battery Energy Storage System Projects as Owner's Engineers or as Lender's Engineer or as Implementation Support Consultant.	Is it allowed to use the parent/ sister/ group companies technical credentials (i.e. relevant references/ experience) to meet the Technical Mandatory Criteria, without making them a member in the Joint Venture (JV) submitting the bid ?	Contractual	Kindly refer clause No 21.1, Section 2. Instructors to Consultants for the same
44	Section 2	41/ 42	21.1 (1) (b) Part A	Following documents are required in support of the above criteria: a) Details of the assignments undertaken establishing the credentials of the consultant in the RE Sector in last 07 years. b) Client Contract/work order copies or Performance certificates indicating the scope & cost of the project	If we submit the certified invoice showing the cumulative cost fulfilling the Technical Mandatory Criteria for a similar assignment, will it be considered as a qualified documentary evidence? Please confirm ?	Technical	No.
45	Section 2	41/ 42	21.1 (1) (b) Part A	Following documents are required in support of the above criteria: a) Details of the assignments undertaken establishing the credentials of the consultant in the RE Sector in last 07 years. b) Client Contract/work order copies or Performance certificates indicating the scope & cost of the project	If we refer public ally available information (like news, Client portal) showing project completion along with work order, , will it be considered as a qualified documentary evidence? Please confirm ?	Technical	No.
46	Section 2	44	21.1 (3) (d) Part B	Energy Storage Expert: A relevant degree in engineering with at least 10 years of experience.	At page No. 93 under Clause No. 6 "Key Expert Required" it is mentioned that the Energy Storage Expert should have at least 15 years of experience. Can you please confirm the minimum experience required for this position (i.e. for Energy Storage Expert) ?	Technical	Minimum experience for Energy Storage Expert shall be 15 years out of which at least 5 years of experience with Battery Energy Storage Systems . Please refer S. No. 7 of Amendment.
47	Section 7	81	C	During commercial operation – The OE shall remain available for monthly review visits to the plant for a period of 1 year (extendable under conditions described in this Terms of Reference). The OE will undertake analysis to cover O&M related items that occurred over the previous reporting period; changes and explanations for changes to the O&M procedures and plans that may have affected historical or affect future project performance. and; any major equipment failures, significant O&M events, warranty items or occurrences that would affect historical of future project performance. A comprehensive report will be the outcome of each visit covering the analysis hereinabove with remedial measures which will be discussed with SECI.	At page No. 89 under PART C - During Operation: It is mentioned that - <b>The OE shall deploy technically qualified manpower at site to monitor the (Order Management System) OMS undertaken and provide weekly monitoring report for 1-year post commissioning and report on all units of the Project in operation.</b> Can you please confirm whether we need to do the monthly visit or we have to deploy technically qualified manpower at site during operation ?	Projects	Yes, qualified manpower has to be deployed at site during 1 year after postcommissioning.
48	Section 7	81	D	Capacity building – The OE is also expected to build capacity at SECI to be able to effectively supervise the O&M work in later years of operations (once independent OE task is completed with/without any extensions), supervise design and construction of future projects and provide on the job training for SECI engineers involved in this project. The OE will also help SECI prepare an O&M plan and training plan.	a. How many hours/ days of inhouse and on-site training classes envisaged for this. b. How many - 1. site visits, 2. days for each visit, 3. No. of person from SECI in each visit envisaged for on the job training.	Projects	It is envisaged to have a min 40hours of classroom and on-site training.
49	Section 7	81	PART A During detailed design:	During this phase, the OE is expected to support SECI in the due diligence of the detailed design provided by the contractor, solar, battery and balance of plant (BOP) technologies, construction schedules, tests, guarantees and O&M undertaking the following tasks:	Is the design review includes only - 1. Plant design (Solar + BESS), 2. 33kv internal transmission line and 3. Plant switch yard (OR Pooling substation) only OR Review of design related to - 4. EHV transmission line from switch yard to grid sub-station and 5. Bay extension at grid sub-station is also included in the OE scope. Please confirm.	Technical	The Scope of design review is comprehensive and includes Plant as well as Transmission line.

**Clarifications to Queries raised during Pre proposal conference**

50	Section 7	83	12	Join any meetings with CSERC, CSPDCL, CSPTCL, CREDA or any other agency as required by SECI.	1. Are these meetings going to be held at SECI's Delhi office or in Chhattisgarh ? 2. In case if these are going to be held in Chhattisgarh, how many numbers of meeting we should consider to work out our methodology and cost (Remuneration + Reimbursable)	Projects	It is envisaged to have one in two month period. However this may also vary as per actual requirements.
51	Section 7	86	PART B During project construction, testing and commissioning. Task B.3:	As required by SECI, witness the critical factory tests and inspections for major plant equipment. List of major items for inspection to be finalized amongst SECI, Contractor and OE at project design approval phase, but will include (though not limited to) solar modules, String Monitoring Boxes, SCADA, inverters, transformers, switchgear panels – both HT and LT, along with HT cables, Battery storage units, EMS and BESS. In case OE is unable to attend factory inspections at overseas locations, they will depute reputed Third- Party Inspection agencies to witness the factory inspections as per approved QAP.	1. How many - a) domestic (within India) b) International (outside India) FAT visit we should consider to work out our methodology and cost (Remuneration + Reimbursable) ? 2. How many number of man-days we should consider for each visit ?	Technical	The nos. for estimation can not be provided at this time.
52	Section 7	89	PART C - During Operation:	The OE shall deploy technically qualified manpower at site to monitor the (Order Management System) OMS undertaken and provide weekly monitoring report for 1-year post commissioning and report on all units of the Project in operation. The OE's report to SECI during supervision of operations shall include:	1. How many person to be deputed during O&M a) at site and b) at SECI office 2. We understand that deployment of these officials should be minimum for 12 months. Please confirm.	Technical	4 Nos. at site only. 1 Person shall be designated for Reporting purposes.
53	Section 7	91	Part A S.No. 2 of the table	The OE shall provide the reviewed drawings/documents (approved or commented drawing). <b>Time frame:</b> Within 5 working days from the date of submission of drawings/ documents	We understand that 5 working days are average days per document for review and not the duration for Design review Phase. Please confirm.	Technical	Yes.
54	Section 7	91	Part A S.No. 8 of the table	Representative to be arranged for factory level / plant level pre-dispatch inspection <b>Time frame:</b> Within 5 working days from the intimation mail/letter/ any suitable electronic medium.	For domestic visits 5 working days are okay for arranging representative for FAT visits, but in case of international visits at least 2 to 3 weeks advance notice is required for arranging visa and other formalities. Considering this, request you to please provide the appropriate time for arranging the representative in case of international visits.	Technical	Please refer S. No 3. of Amendment.
55	Section 7	92	(i) Duration of OE Service:	The estimated duration of this consultancy/OE services to SECI is for a total period of 30 (Thirty) months which primarily includes the Project commissioning timelines of 18 Months plus 12 months of the first year Project operations.	Can you please confirm how much is the the construction period out of total 18 months.	Projects	12 months may be assumed. However the same may vary depending upon EPC contractor.
56	Section 2	35	14.1.2	Estimated input of Key Experts' time-input: 436 person-months. A tentative .....the mentioned Key Experts time input is for tentative reference only. The award of contract will be done on Lump Sum (Ls) basis for the entire scope of services of the Owner's Engineer (OE).	Consultant has noted that the key expert's time input is for reference only. However, please confirm whether the positions and number of experts as mentioned has to be complied with or Consultant may propose the number of experts as per to its experience for similar kind of assignment.	Technical	positions and number of experts as mentioned has to be complied with
57	Section 2	35 & 36	14.1.2	Table for approximate person month	Please confirm if there is any minimum requirement of each expert to be deputed at site or consultant can propose its own home and field months based on its experience with similar project	Technical	The Consultant may propose so as to fulfil Scope of Work and other terms of the RIS.
58	Section 2	35 & 36	14.1.2	.....the mentioned Key Experts time input is for tentative reference only. The award of contract will be done on Lump Sum (Ls) basis for the entire scope of services of the Owner's Engineer (OE).	The Consultant understood that the experts as indicated below shall be deputed at SECI HO. If so, then confirm whether the deputation is only during design review period or for entire duration of the assignment.  Civil Engineer-1 for SECI HO Electrical Engineer-1 for SECI HO Electrical Engineer-2 for SECI HO	Technical	During Design review only.
59	Section 2	41	21.1.1	The consultant must have experience of having successfully completed one similar works costing not less than INR 3,40,00,000/- (Indian Rupees Three Crores & forty lakhs only) in last (07) seven Financial years as on the last date of RIP submission.	As per clause 1 of data sheet, The Lead Member of the JV shall meet individually not less than 50% of Technical mandatory criteria as per clause 21.1.1 & 21.1.2. However, all the JV partners/members must meet collectively 100% Technical mandatory criteria given under clause 21.1.3. <b>Therefore we understand that a single completed project with value of 50% of the mandatory criteria will suffice the lead member criteria or Lead member has to have one similar works costing not less than INR 3,40,00,000/- . Please clarify.</b>	Contractual	A single completed project with value of 50% of the mandatory criteria will suffice the lead member criteria
60	Section 2	41	21.1.1 (b)	Client Contract/work order copies or Performance certificates indicating the scope & cost of the project	Please clarify in case of unit rate contract having invoking and payment receipt of more than specified value, whether consultant can submit the certified copy of the Project turn over by independent auditor along with contract and completion certificate will suffice the requirement.	Contractual	Not allowed for this RFP
61	Section 2	43	21.1	B. Evaluation Criteria: Owner's Engineering or Lender's Engineering for Solar with Storage Projects (Note: As Preferential Experience for such projects, experience already accounted under (i) above can also be considered here if it includes a Storage Component)	Please confirm if pump hydro storage project will qualify against the referred clause or it should be only BESS.	Technical	It should be BESS only.
62	Section 2	43	21.1.	Criteria 3: If a key Professional staff are not on permanent payrolls of the organization, 10% of marks scored by him/her will be deducted	We understand that key expert site based deputation services shall be limited to the as per the proposal submitted by the Consultant. However, other non key expert or support expert is not required to be on permanent payroll and no marks shall be deducted.	Technical	The terms & conditions of the RFP shall prevail
63	Section 7	80	Clause 3 (B)	.....monitor transmission line and substation construction and interface with CSPTCL; review completion test procedures and results	Please clarify whether the DSI Contractor responsible for PV Plant and BESS is also responsible for design, supply and installation of Transmission Line and related interface work at CSPTCL side or there will be a separate Contractor for these services.	Technical	Yes Scope of Work is comprehensive and inclusive of Transmission line.
64	Section 7	85	Part A During Detailed Design	Task A. 8: Financial Model: The scope of work will include the development of a financial and economic model for the project for SECI in close collaboration with....	It is understood that the Financial Model will be developed based on the finalized EPC cost and design adopted for the Project. Please confirm.	Technical	Yes
65	Section 7	86	Task B3	In case OE is unable to attend factory inspections at overseas locations, they will depute reputed Third-Party Inspection agencies to witness the factory inspections as per approved QAP	During COVID-19 19 pandemic, Consultant has witnessed several FAT for its assignments with other Clients through Audio-Visual Conferencing. Hence, it is proposed that in case of if any unforeseen event like travel restrictions, witness of FAT for major equipment through Audio-Visual conferencing may please be allowed.	Technical	Agreed.
66	Section 7	89	Part C	The OE shall deploy technically qualified manpower at site to monitor the (Order Management System) OMS undertaken and provide weekly monitoring report for 1-year post commissioning and report on all units of the Project in operation	As per RFP, Clause 3 (B): Scope of Services: Page No. 81, monthly review visit of the plant during commercial operation has been mentioned. Whereas, at Page 89 of RFP, it is mentioned that weekly monitoring report is required through deployment of manpower at site. Please clarify whether Consultant has to depute manpower on permanent basis at site during commercial operation phase of the assignment or only monthly review visit is sufficient for monitoring report purpose.	Projects	Yes, qualified manpower has to be deployed at site during 1 year after post commissioning.
67	Section 7	91	Clause 4	Contract agreement signing and kick-off meeting along with detailed completion schedule plan. Design review meeting	Please confirm whether Kick-off meeting will be held at SECI HO in Delhi or at Chhattisgarh. Also confirm that design review meeting shall be organized through electronic media only.	Projects	At Chhattisgarh

**Clarifications to Queries raised during Pre proposal conference**

68	Section 7	91	Clause 4	Design review meeting	Please confirm whether the design review meeting shall be organized through electronic media only.	Technical	Design Review meeting shall normally through electronic media. However, periodic physical meetings are also envisaged.
69	Section 7	93	Clause 6	Key Experts Required: Arrangements for deployment of OE team at the project site	It is understood that the following experts shall be deputed at site during construction of the Project till commissioning and acceptance test and not during the commercial operational phase of the Project: 1. Site in-charge 2. Environmental and Social Specialist 3. 2 (two) electrical engineers. 4. 2 (two) civil engineers  Please confirm.	Technical	Yes. However, One (out of the 4) of the Site Engineers may be posted as Site Incharge, provided the minimum Qualification criteria is met.
70	Section 7	93	Clause 6	Deployment of OE team	We understand that apart from Site in-charge and Environmental & Social Specialist, all other key experts as mentioned under "Clause 6: Key Experts Required" are for home office / deputation at SECI CO/HO. Please confirm.	Technical	Yes
71	Section 7	93	Clause 6	Arrangements for deployment of OE team at the project site	It is understood that apart from Site in-charge and Environmental & Social specialist, other engineers i.e 2 (two) Electrical Engineers and 2 (two) Civil Engineers, who will be deputed at site during construction period shall not be considered as Key Experts as required as per "Clause no. 6: Key Experts Required". Please confirm.	Technical	One of the Site Engineers may be posted as Site Incharge, provided the minimum Qualification criteria is met.
72	21.1	41	A	The consultant must have experience of having successfully completed one similar works costing not less than INR 3,40,00,000/- (Indian Rupees Three Crores & forty lakhs only) in last (07) seven Financial years as on the last date of RIP submission.	We would request you to accept at least 2 or 3 projects which have a cumulative of this value.	Contractual	The terms & conditions of the RFP shall prevail
73	21.1	41	A	Similar works" means, the consultant must have provided consultancy services in Solar or Battery Energy Storage System Projects as Owner's Engineers or as Lender's Engineer or as Implementation Support Consultant.	We would request you to consider IE( Independent Engineering ) work also under Similar work criteria as the IE scope has a large part of OE Scope.	Technical	Independent Engineer shall not be considered. Please refer S. No. 2 of Amendment.
74	21.1	41	A	The consultant must have experience of having successfully completed one similar works costing not less than INR 3,40,00,000/- (Indian Rupees Three Crores & forty lakhs only) in last (07) seven Financial years as on the last date of RIP submission	We would bid the tender from UL India Business Services. UL India Business Services is a subsidiary of UL LLC, Northbrook(US). All our global UL entities are also subsidiaries of UL LLC. Hence to our understanding we can use the global experience to qualify in this tender. - Kindly Clarify	Contractual	Kindly refer clause No 21.1, Section 2. Instructions to Consultants for the same
75	29	48	29	After completing the negotiations, and obtaining the Bank's no objection to the negotiated draft Contract, the Client shall, send a notification of award to the successful Consultant, confirming the Client's intention to award the Contract to the successful Consultant and requesting the successful Consultant to sign and return the draft negotiated Contract within eight (8) Business Days from the date of receipt of such notification.	Will SECI negotiate with the successful bidder on the cost quoted. Kindly clarify	Contractual	No. It's a QCBS based evaluation process
76	46	129	46.2.2	The Lump-Sum Installment Payments. The Client shall pay the Consultant within sixty (60) days after the receipt by the Client of the deliverable(s)	We would request you to amend it to " 30 days" instead of 60 days as it would add on to interest cost and would increase the total cost of project. We understand that EPC contracts and Consultant working is different and we will require a regular flow of cash to maintain and run resources.	Contractual	The terms & conditions of the RFP shall prevail
77	14	35	14.1.2	435 Man Months - Total	SECI to clarify if 435 Man months is fixed or in case the same is getting revised we request SECI to provide one fixed number of man months for fair price comparison.	Technical	The no., provided is tentative. The Consultant is required to propose manmonths to provide the complete scope of Works as per RIS.
78	21.1	41	A	The consultant must have experience of having successfully completed one similar works costing not less than INR 3,40,00,000/- (Indian Rupees Three Crores & forty lakhs only) in last (07) seven Financial years as on the last date of RIP submission.	Can we produce Work award contract copy along with invoice as proof of successful completion of work.	Technical	No.
79	12	83	12	Join any meetings with CSERC, CSPDCL, CSPTCL, CREDA or any other agency as required by SECI.	Kindly clarify the tentative number of meetings.	Projects	It is envisaged to have one in two month period. However this may also vary as per actual requirements.
80	8	83	8	Review of design pertaining to BESS, SCADA and EMS.	Regarding the BESS use case, we assume it is mainly for solar energy time-shifting in order to meet the round-the-clock power requirement. Is the understanding correct?	Technical	It is for energy shifting application.
81	6	94	6	The OE shall deploy 3-member engineering team from the Key Experts pool specified above at SECI Corporate Office, New Delhi	In which phase of project is this required? And, in view of the Covid situation, can they work remotely from home?	Technical	The Key Professionals are expected to be present at SECI HQ.
82		79 to 100		Scope of work- General Queries	What are the expectations for solar P confidence (P50/P75/P90/P99) of the generation resources?	Technical	In the Scope of the Contractor.
83		79 to 100		Scope of work- General Queries	Will energy resource data be provided or is this something we are to generate and/or source?	Technical	Will be provided
84		79 to 100		Scope of work- General Queries	What is the timing and documentation expectations regarding "training and transfer of skills and experience to the SECI HQ and field teams in implementing and operating the proposed solar with storage project."	Technical	It will be within 6 months from Project Commissioning.
85		79 to 100		Scope of work- General Queries	Will the standards and technical requirements for site layout (i.e. setbacks) be provided?	Technical	Yes
86		79 to 100		Scope of work- General Queries	Similarly, to conduct the site reviews will site specific information be provided in advance of the visit (i.e. site topography, terrain, and soil conditions general condition of the grounds and equipment)?	Technical	Yes
87		79 to 100		Scope of work- General Queries	During the Detailed Design Review phase, does SECI desire a model of the hybrid utility system to support the CUF requirements?	Technical	Yes. Please refer Clause 3. Scope of Services.
88		79 to 100		Scope of work- General Queries	During the Detailed Design Review phase, does the SECI desire a comprehensive capacity augmentation strategy to be included in the pro forma?	Technical	Desirable but not mandatory.