Annexure - I

Ammendment - I

NIT No: SECI/C&P/BHU/VAR/062017/08

Tender for Design, Engineering, Supply, Construction, Erection, Testing & Commissioning of 8 MWp (DC) Solar GCRTPV Project including 05 Years of Plant O&M

Sl. No.	Section	Page No.	Clause	Original Version	Amendment
1	Scope of Work and Technical Specifications (SoW & TS)	13 of 122	7.3	Contractor shall design their SPV panel structure according to wind load (200 km/hour). Load bearing strength of roof top and its suitability for installing solar PV plant, design of SPV structure and distribution of load on roof top beam shall be inspected by structural engineer and structural design need to be vetted by structure engineer/consultant. Any changes in structural design suggested by Employer EIC/Owner shall be binding on the contractor.	Contractor shall design their SPV panel structure according to wind load (180 km/hour). Load bearing strength of roof top and its suitability for installing solar PV plant, design of SPV structure and distribution of load on roof top beam shall be inspected by structural engineer and structural design need to be vetted by structure engineer/consultant. Any changes in structural design suggested by Employer EIC/Owner shall be binding on the contractor. Modules should have rugged design to withstand the given environmental conditions and wind speeds of minimum up to 180 km/h
2	Scope of Work and Technical Specifications (SoW & TS)	34 of 122	15.3.2.2	The module mounting structure members would be made of hot dip galvanized MS profiles/ hot rolled/ cold formed steel sections. Galvanization thickness shall be of min 100 micron. Galvanization of the mounting structure shall be in compliance of latest IS 4759.	The module mounting structure members would be made of hot dip galvanized MS profiles/ hot rolled/ cold formed steel sections of reputed make having good yield strength. Galvanization thickness shall be of min 85 microns as per IS standards.
3	Scope of Work and Technical Specifications (SoW & TS)	119 & 120 of 122	Total building potential of IIT BHU	Total Potential in BHU (kW)-IIT : 2879 MWp	The building capacity mentioned against IIT BHU campus (2879 KWp) is not to be considered for this subject Tender & accordingly the list of IIT BHU buildings is hereby being removed from the Scope of Work and Technical Specifications. However, the total capacity of 8083 KWp is derived excluding IIT BHU only and that should be considered only. The list of buildings/Capacity wrt each building is indicative which is given for reference sake only, however the total Project capacity is 8 MW
4	Scope of Work and Technical Specifications (SoW & TS)	13 & 14 of 122	8.2	Only Indigenous Solar PV modules shall be used by the contractor. All the module components used in the solar PV power plant must be made in India however imported solar cells may be used	Project Products including Cells/Modules/Inverters from European, Japanese, American, Australian & Taiwan origin shall be allowed in this tender document. This clause will supersede all other existing clauses related to the Product origin/Source of supply clause elsewhere mentioned in the Tender Document.
5	Scope of Work and Technical Specifications (SoW & TS)	100 of 122	19.iii	The mechanical structures, electrical works and overall workmanship of the grid connected solar power plant must be warranted for a minimum of 5 years.	The mechanical structures, electrical works and overall workmanship of the grid connected solar power plant must be warranted for a minimum of 10 years, which is also defined under General Conditions of the contract (GCC)
6	Scope of Work and Technical Specifications (SoW & TS)	36 of 122	15.5.i	DC Cables Sizing Criteria The Maximum voltage drop of DC Cables (SPV Modules to Inverters) shall be limited to 1.5%.	DC Cables Sizing Criteria The Maximum voltage drop of DC Cables (SPV Modules to Inverters) shall be limited to 2%.
7	Scope of Work and Technical Specifications (SoW & TS)	24 of 122	E.ii	The generation projects (building wises) shall be located in the close proximity of allocated Interconnection Substation Grid S/s [(33/11 KV)	Bidders have already been arranged site visit for 02 days at BHU, Varanasi for this purpose. This issue being site specific and has to be resolved after due diligence of the respective buildings. Solar PV power capacities for Campus-2, 3, 4, 5 & 6 are at 50KWp, 20KWp, 3KWp, 23KWp & 15KWp respectively which will be terminated at LT level & for other campus buildings the termination will be done at 11KV.ii. The generation projects (building wises) shall be located in the close proximity of allocated Interconnection Substation Grid S/s (33 KV/11 KV) or 11 KV/415 V at 11 KV side.
8	Special Conditions of Contract (SCC)	2 of 16	4	Time for Completion is: 06 (Six) Months from the date of issuance of NOA/ LOI/ LOA as detailed below in Table No. 4.1. Further Contractor is also to provide Operation & Maintenance Contract of Solar Photo Voltaic Plant for a period of 05 (Five) years from the date of Operational Acceptance of the Plant.	Time for Completion is: 08 (Eight) Months from the date of issuance of NOA/ LOI/ LOA. The breakup of various completion milestones as given under Table No. 4.1 in SCC should be read accordingly with reference to time of completion of 08(Eight) months. Further Contractor is also to provide Operation & Maintenance Contract of Solar Photo Voltaic Plant for a period of 05 (Five) years from the date of Operational Acceptance of the Plant.

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Annexure II

Clarifications to Queries raised during Pre-Bid Meeting on 17.07.2017

NIT No: SECI/C&P/BHU/VAR/062017/08

Tender for Design, Engineering, Supply, Construction, Erection, Testing & Commissioning of 8 MWp (DC) Solar GCRTPV Project including 05 Years of Plant O&M

Sl. No.	Queries	Category	Clarifications
1	Page no. 13, Point No. 7.3 of technical specifications considered wind speed for designing module mounting structures is mentioned as 200Km/Hour. This needs to be as per the zonal wind speed chart of Banaras i.e. 169Km/Hour. Documentary proof for the same is attached herewith for your ready reference. Moreover the tilt angle of PV Modules should be specified as ≤ 13° to minimize the loading on the roofs. Therefore please amend the design wind speed to 169Km/Hour for module mounting structure and confirm the tilt angle of ≤ 13°. As proposed rooftops for solar installations are RB, RBC, Garter & stone type old construction & some rooftops are RCC type construction. Please note that as the tilt angle for structure will be increased, load over the rooftops would also increase and since most of the rooftops are old constructed, tilt angle of ≤ 13° is recommended	Technical	Contractor shall design their SPV panel structure according to wind load (180 km/hour). Load bearing strength of roof top and its suitability for installing solar PV plant, design of SPV structure and distribution of load on roof top beam shall be inspected by structural engineer and structural design need to be vetted by structure engineer/consultant. Any changes in structural design suggested by Employer EIC/Owner shall be binding on the contractor. Modules should have rugged design to withstand the given environmental conditions and wind speeds of minimum up to 180 km/h
2	Technical Requirements (15.3.2) Point No. 2 of technical specifications the galvanization thickness for module mounting structure is defined as 100 microns which should instead be 80 microns as per the relevant IS standards.	Technical	The module mounting structure members would be made of hot dip galvanized MS profiles/ hot rolled/ cold formed steel sections of reputed make having good yield strength. Galvanization thickness shall be of min 85 microns as per IS standards.
3	Please note that the correction in solar energy generated on account of grid down time is not mentioned anywhere in the tender. This correction for grid down time needs to be incorporated in Page No. 11 under article 20 of Special Conditions of Contract so that the deemed energy for grid down time is added to actual energy generated and then this value of energy only is used for determining the CUF and PR achieved at site. Please appreciate that this is a grid tied solar PV power system and it cannot generate energy unless grid is available	Technical	The bidders are advised to keep complete logs of the Grid downtime, planned shutdowns & forced shutdowns with genuine and proper proof thereof. The CUF shall be calculated incorporating such justifiable eventualities duly certified by owner & Project developer.
4	Please confirm us the load bearing capacity of all the rooftops in Kg/Sq.Meter for our estimation and assessment. As proposed rooftops for solar installations are RB, RBC, Garter & stone type old construction & some rooftops are RCC type construction	Technical	Bidders have already been arranged site visit for 02 days at BHU, Varanasi for this purpose & bidders are required to have a thorough analysis of load bearing capacity while submitting their respective bids.
5	With reference to the Technical Specifications Page Number 92 of 122 point no. 16.2, We suggest Irradiance sensor for each rooftop for better determination of P.R. as more than 90 rooftops are involved and there will be variance in irradiance on different rooftops	Technical	Terms & Conditions of the Tender Document shall prevail
6	With reference to the Performance Ratio as given in Technical Specifications we propose that Performance Ratio should be calculated at Inverter End. Format for Performance Ratio display at DelRemo is attached herewith for your ready reference. This will be easier to monitor the performance of the solar PV power plant	Technical	Terms & Conditions of the Tender Document shall prevail
7	Please refer page no. 2 of SCC regarding completion time of project. We request you to kindly increase the completion time by 3 months as this 8MW capacity is spread over 95 no. of rooftops in 7 Campuses over 1300 acres area of BHU which would require this much of time for completion	Contracts	Time for Completion is: 08 (Eight) Months from the date of issuance of NOA/ LOI/ LOA. The breakup of various completion milestones as given under Table No. 4.1 in SCC should be read accordingly with refernce to time of completion of 08(Eight) months. Further Contractor is also to provide Operation & Maintenance Contract of Solar Photo Voltaic Plant for a period of 05 (Five) years from the date of Operational Acceptance of the Plant.
8	Please confirm if there is net metering in this tender. If so, in whose scope approvals will be there	Technical	Terms & Conditions of the Tender Document shall prevail.

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Clarifications to Queries raised during Pre-Bid Meeting on 27.07.2017

NIT NO. SECI/C&P/BHU/VAR/062017/08

Tender for Design, Engineering, Supply, Construction, Erection, Testing & Commissioning of 8 MWp (DC) Solar GCRTPV Project including 05 Years of Plant O&M

Sl. No.	Queries	Category	Clarifications
9	Please note that there are lots of trees in the campuses as seen during the visit of BHU campus after pre-bid meeting, which would cause shadow and hence affecting the CUF/Performance Ratio. We request you to kindly keep tree trimming and cutting throughout the project execution and Operation and Maintenance in end user scope so that the performance of the plant is not affected. In case performance of solar plant gets adversely affected due to shadow of the trees in the campus owing to lack of trimming/cutting of trees by end user then the bidder/contractor shall not be penalized for shortfall in CUF/PR	Technical	If required, The trimming of trees shall be in the scope of BHU, Varanasi
10	Please note mentioned solar PV power capacities for Campus-2, 3, 4, 5 & 6 are given as 50KWp, 20KWp, 3KWp, 23KWp & 15KWp respectively. Moreover these capacities are located outside the BHU premises at multiple locations. Please mention clearly if these small capacities have to be evacuated on 11KV or on 415V	Technical	Bidders have already been arranged site visit for 02 days at BHU, Varanasi for this purpose. This issue being site specific and has to be resolved after due diligence of the respective buildings. Solar PV power capacities for Campus-2, 3, 4, 5 & 6 are at 50KWp, 20KWp, 3KWp, 23KWp & 15KWp respectively which will be terminated at LT level & for other campus buildings the termination will be done at 11KV.ii. The generation projects (building wises) shall be located in the close proximity of allocated Interconnection Substation Grid S/s (33 KV/11 KV) or 11 KV/415 V at 11 KV side.
11	Please refer page no. 82 of 122 of Technical Specifications regarding SCADA. There are a total of 21 Substations and 95 rooftops spread over an area of 1300 acres BHU Campus. It will be practically not possible to collate all the information to a single SCADA control room. Therefore we suggest SCADA for each Substation from where the information can be fetch easily	Technical	Terms & Conditions of the Tender Document shall prevail. DAS (Data acquisition system) should be considered as SCADA for this Tender.
12	As per the Substation visit after the pre-bid meeting there is lack of space in many Substations for putting new Solar Transformers and LT, HT breakers. We suggest to provide Packaged Substation (PSS) for the same, which is a compact solution which could be installed outside the existing Substations. Deployment of PSS will save time as it will eliminate civil work and consume less space. Please amend the tender to incorporate use of PSS –Packaged Substations	Technical	may be agreed if meeting the technical requirement as given in the tender document
13	Please note that during the detailed engineering of rooftops, it is possible that the proposed capacity could be installed on lesser number of rooftops. Please allow capacity variation on different rooftops given in the tender as this is necessary to accommodate the changes during detailed engineering	Technical	The capacity adjustment on different roofs is allowed provided the Tender MW capacity remains the same.
14	We request that the Bid Due Date be extended by 3 weeks	Contracts	Bid due date is already extended by 02 weeks
15	From tender document , the site details given for cumulative 111 buildings comes around 10961 KW , but the total given is 8083 KW only. We have herewith enclosed working sheet for your kind reference .	Technical	The building capacity mentioned against IIT BHU campus (2879 KWp) is not to be considered for this subject Tender & accordingly the list of IIT BHU buildings is hereby being removed from the Scope of Work and Technical Specifications. However, the total capacity of 8083 KWp is derived excluding IIT BHU only and that should ne considered only. The list of buildings/Capacity wrt each building is indicative which is given for reference sake only, however the total Project capacity is 8 MW
16	We request BHU & SECI to kindly accept the Project Executed by Subsidiary/Group Company for meeting Technical Eligibility Conditions	Contracts	Terms & Conditions of the Tender Document shall prevail
17	Kindly provide details about the Billing Mechanism of Payments whether the items supplied can be billed and paid	Contracts	Terms & Conditions of the Tender Document shall prevail. Bidders are required to kindly refer the Payment terms as defined under Special Conditions of Contract (SCC)
18	In case of Manufacture's billing, on whose name the bill will be made i.e. Solar Energy Corporation of India or Banaras Hindu University?	Contracts	All invoicing is to be made in the name of owner as defined in the Tender document
19	The facility of Progressive Payment is allowed or not?	Contracts	Terms & Conditions of the Tender Document shall prevail. Bidders are required to kindly refer the Payment terms as defined under Special Conditions of Contract (SCC)
20	What are the percentage rate of GST on the materials & services to be procured?	Contracts	Bidders have to submit the price bids considering the respective GST rates on Supply & Service part

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Sl. No.	Queries	Category	Clarifications
21	Kindly Confirm that termination is allowed or not at LT 415 V instead of HT 11kV inside each building.	Technical	A pool of near proximity/nearby individual building roofs can be made (Ex 10 Buildings) & the outputs from such respective pool of buildings shall be aggregated and can be synchronized at 11 KV with any of the nearest substation.
22	What kind of billing/metering set up is supposed to being each building?	Technical	Bidders are required to go through the metering system as defined under the Technical Scope, Page 106
23	Regarding the shareholding Pattern : As stated in the trailing mail, there are 29000 equity shareholders of Thermax Limited. So it becomes practically impossible to list down each and every one of them. Please provide us an alternative.	Finance	In case of Limited companies, the shareholding pattern of the Promoters is required and public shareholding pattern is not required.
24	Regarding PoA Notes to F-24 state that only Managing Director/ Whole Time Director/ Manager appointed under section 269 of the Companies Act, 1956 can be the PoA holder which is a very time taking process. Normally, our MD can issue a PoA in the name of any permanent employee of Thermax Limited through the power vested in him by the Board Resolution. Notes to F-24 limits our options. Will it be acceptable if the PoA is issued in the name of an permanent employee by the MD backed up by the board resolution.	Finance	Agreed
25	As there are multiple roofs available at IT BHU with different roof area starting from 12 kWp. Do we have to install an individual roof or we can club any nos of roofs to make the system more optimized.	Technical	A pool of near proximity/nearby individual building roofs can be made (Ex 10 Buildings) & the ouputs from such respective pool of buildings shall be aggregated and can be synchronized at 11 KV with any of the nearest substation.
26	Do we need to prove the guarantee parameters for each roof or the overall performance test will be on 8 MWp system.	Technical	The performance ratio shall be inspected for guaranteed parameters on each campus wise individually. Campus details are already given in the Technical Scope of Work
27	Is there any overloading allowed on the inverters in the existing system?	Technical	Terms & Conditions of the Tender Document shall prevail
28	Please provide drawings layouts (preferably in AUTOCAD) of all the roofs for layout optimization.	Technical	The related drawings can be directly obtained from the respective authorities at BHU at the time of actual Project execution, if available
29	As there is not enough clarity on the taxes that will be levied after the introduction of GST on solar components & the overall system. Will it be possible to quote the price excluding Taxes & Duties.	Contracts	No. the prices are to be quoted in the provided format only with applicable GST on respective supply and service part
30	As there are more than 80 roofs in total and different roofs require different kind of expertise, please provide what type of roofs are available in general.	Technical	Bidders have already been arranged site visit for 02 days at BHU, Varanasi for this purpose.
31	Whether Part commissioning allowed	Technical	The performance guarantee shall be inspected for guaranteed parameters on each campus wise individually. Campus details are already given in the Technical Scope of Work
32	Request you for the relaxation of average 3 yrs turnover to 22 Cr. from existing 24 Cr.	Contracts	Terms & Conditions of the Tender Document shall prevail
33	BHU to please confirm whether Project is executed under Net Metering Scheme or some other Policy	Technical	Bidders are required to go through the metering system as defined under the Technical Scope of Work Page 106. Respective State regulations need to be followed which is to be complied by bidders.
34	BHU is requested to please share the evacuation plan of all buildings, since it would not be possible to estimate such a large pool of roofs in such a short bidding time. Information on which roofs are connected with which Sub-Station will be required for efficient bidding. Roof Array Layouts may also be shared, if available for all/partial roofs.	Technical	Please refer Technical Scope of Work page No 24 for Power Evacuation scheme ands all related activities is in bidders scope.
35	Please indicate if some trenches are present which can be used for laying of HT Cables.	Technical	Bidders have already been arranged site visit for 02 days at BHU, Varanasi for this purpose.
36	Please confirm that both- Indian Modules with Non-Chinese Cells as well as Non-Chinese Modules will be acceptable.	Technical	Project Products including Cells/Modules/Inverters from European, Japanese, American, Australian & Taiwan origin shall be allowed in this tender document. This clause will supersede all other existing clauses related to the Product origin/Source of supply clause elsewhere mentioned in the Tender Document
37	Single Set of Pyranometers should only be made mandatory.	Technical	Please refer Technical Scope of Work page No 09, clause 5.8 regarding pyranometers

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Sl. No.	Queries	Category	Clarifications
38	Please confirm if bidders can overload the Inverters within permissible ranges, as mentioned by manufacturers	Technical	No
39	Designing of MMS at 200Kmphshould be replaced with Designing as per respective Wind Zone of Site (As per IS 875)	Technical	Modules should have rugged design to withstand the given environmental conditions and wind speeds of minimum up to 180 km/h. The mounting structure must be so designed as to receive maximum Sun intensity throughout the year.
40	Implementing distributed sites within 6 months will be quite difficulty. We request to please extend it by minimum of 2 months.	Contracts	Time for Completion is: 08 (Eight) Months from the date of issuance of NOA/ LOI/ LOA. The breakup of various completion milestones as given under Table No. 4.1 in SCC should be read accordingly with refernce to time of completion of 08(Eight) months. Further Contractor is also to provide Operation & Maintenance Contract of Solar Photo Voltaic Plant for a period of 05 (Five) years from the date of Operational Acceptance of the Plant.
41	Deemed Generation Clause should be applicable and PR should be adjusted in event of following occasions: • Grid Unavailability • Load Unavailability • Shadow Effect due to future Construction • Grid Fluctuation • Internet Unavailability • Force Majeure	Technical	The bidders are advised to keep complete logs of the Grid downtime, planned shutdowns & forced shutdowns with genuine and proper proof thereof. The CUF shall be calculated incorporating such justifiable eventualities duly certified by owner & Project developer.
42	Please confirm that Bidders Battery Limit is limited to evacuation at HT Level.	Technical	Please refer Technical Scope of Work page No 103, regarding Battery Limits
43	Please confirm if Spare Feeders will be provided by BHU.	Technical	Bidders have already been arranged site visits for 02 days at BHU, Varanasi for this purpose. This issue being site specific and has to be resolved after due diligence of the respective buildings
44	Please confirm that either a covered space would be provided by BHU for installation of Transformers or else Outdoor Installation at designated space will be provided.	Technical	The project developer need to identify the adequate space in consultation with the owner.
45	Structural Analysis of each roof should not be mandatory and should be limited to approval of Foundation and Structure design as per IS 875 by any Chartered Structural Engineer.	Technical	Terms & Conditions of the Tender Document shall prevail
46	This should be limited to 80 microns or as per reference IS Standards	Technical	The module mounting structure members would be made of hot dip galvanized MS profiles/ hot rolled/ cold formed steel sections of reputed make having good yield strength. Galvanization thickness shall be of min 85 microns as per IS standards.
47	Location and Size of Control Room may please be specified for standardisation purpose.	Technical	Bidders have already been arranged site visit for 02 days at BHU, Varanasi for this purpose.
48	BHU should either provide Shadow free space or should allow cutting of Trees. Trimming will not provide a viable solution, since Trees will grow and can affect geeratio during 5 years of O&M Period.	Technical	If required, The trimming of trees shall be in the scope of BHU, Varanasi & rest Terms & Conditions of the Tender Document shall prevail
49	BHU is requested to provide Supply of clean water as required for I&C and Module Cleaning during O&M Period, at a point within 50 metres of Sites or at Roof.	Technical	Clause No 2.3 of the General Conditions of the Contract (GCC) clarifies the point.
50	Aluminium Cables should be allowed on AC Side, enduring requisite Voltage Drop Criteria.	Technical	Allowed
51	Just to restate and clarify, SMUs are not required, when String Inverters are used.	Technical	Yes, if the string inverters are equipped with adequate inputs
52	Auxiliary Transformer should not be made mandatory and should be used, wherever felt necessary.	Technical	Agreed
53	Lightning Poles will cast shadow on the Modules during day time and should not be required.	Technical	Terms & Conditions of the Tender Document shall prevail
54	Being installed on Rooftops, most of the roofs will already be having Drainage arrangements. Even if required, certain details like whether Brickwork Drainage or some other arrangement should be clearly mentioned. Also, it should not be mandatory for all sites, where proper Drainage arrangements are already present.	Technical	Please refer Technical Scope of Work page No 97, regarding the drainage system

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Sl. No.	Queries	Category	Clarifications
55	As per Section Vii-Technical Performance and functional Warranty of structure is 5 Years but as Section iV: GCC it is 10 years. Kindly Advise which clause to consider.	Technical	Warrantee clause as mentioned under the General Conditions of Contract (GCC) will prevail
56	After Successful plant handing over to BHU, all solar power plant forms asset to BHU and hence insurance to overall solar photovoltaic power plant will be under BHU Scope .However during O & M period of 5 years and warranty resides with the contractor , Request BHU to clarify and suggest who needs to take care of insurance part after successful plant hand over after commissioning..	Technical	Please refer General Conditions of Contract, clause 94, Page 49 regarding more clarity on Insurance part
57	Do we need to carry type tests once again or Existing valid type test certificates will be sufficient? Carrying type test will need time and will have implication on project schedule	Technical	Existing but valid type tests. However, with any revision in the Technical specifications, valid Type test will be required.
58	The industry practice is to allow the DC Cable drop up to 2%	Technical	DC Cables Sizing Criteria The Maximum voltage drop of DC Cables (SPV Modules to Inverters) shall be limited to 2%.
59	1.As per Site Survey route of Solar space cable will go through existing cable tranches which are aside by road and the same route has to be followed by us for evacuation of the plant which will consume more cables from normal, we request SECI to allow us to use our own path for the cable laying.	Technical	The designers may chose shortest cable route with minimum voltage drop as specified in the tender document but the cables from Inverter output to the transformers has to be laid underground. From Transformer to GSS the cable is to be laid underground.
60	.As clarified during the pre bid that small capacities of plant can be terminated to the nearly LT panel. Please clarify the capacity of the plant. Kindly confirm the point.	Technical	Bidders have already been arranged site visit for 02 days at BHU, Varanasi for this purpose. This issue being site specific and has to be resolved after due diligence of the respective buildings. Solar PV power capacities for Campus-2, 3, 4, 5 & 6 are at 50KWp, 20KWp, 3KWp, 23KWp & 15KWp respectively which will be terminated at LT level & for other campus buildings the termination will be done at 11KV.
61	We also request if we can use nearly LT panel for the large capacities as well and terminate our plant at 415 V.	Technical	Bidders have already been arranged site visit for 02 days at BHU, Varanasi for this purpose. This issue being site specific and has to be resolved after due diligence of the respective buildings. Solar PV power capacities for Campus-2, 3, 4, 5 & 6 are at 50KWp, 20KWp, 3KWp, 23KWp & 15KWp respectively which will be terminated at LT level & for other campus buildings the termination will be done at 11KV.
62	Please let us know that apart from the list of buildings provided if bidder can identify additional roofs during the post award survey , will they be allowed to use those roofs.	Technical	The subject tender is to be executed in line with the list of buildings as mentioned under the document. However, owner at its sole discretion may take appropriate decision regarding building allocation.
63	Considering most of the buildings are old , how SECI/BHU ensure the load bearing capacity of those roofs . Also during the execution , if there is no roof access , the same to be provided by BHU/SECI	Technical	Roof access will be ensured by Owner.
64	Please consider pro-rata / part payment against this 70% payment	Contracts	Seventy percent (70%) payments shall be paid on Pro rata basis against supply, receipt and acceptance of Materials at site on submission of documents (except Advance Bank Guarantee) indicated under clause i) above, Contractor's detailed invoice & packing list identifying contents of each shipment, evidence of dispatch (GR/ LR copy), Copies of Certificates to the effect of payments of State/ Central Goods and Service Tax etc, Certified copy of Insurance policy/Insurance Certificate, Manufacturer's/ Contractor's Guarantee certificate of Quality, submission of the certificate by the Employer's authorized representative that the item(s) have been received and MDCC (Material Dispatch Clearance Certificate) issued by Employer's authorized representative in original.
65	Zero date to be considered from the date of hand over of clear accessible sites . If treaming of branches of trees are required to make the roofs shadow free , the same will be done by BHU	Contracts	Terms & Conditions of the Tender Document shall prevail

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Sl. No.	Queries	Category	Clarifications
66	Please confirm the measuring point of the PR & CUF . What will be the degradation factor considered for measuring CUF for 5 years. Request to consider Temperature correction factor for measuring PR	Technical	Please refer Technical Scope of Work page No 93, regarding the CUF degradation consideration.
67	Since indigenous manufactured Modules to be used request you please consider the. of Glass to be 3 mm	Technical	Project Products including Cells/Modules/Inverters from European, Japanese, American, Australian & Taiwan origin shall be allowed in this tender document. This clause will supersede all other existing clauses related to the Product origin/Source of supply clause elsewhere mentioned in the Tender Document
68	Please confirm if the buildings /kiosks will be constructed as per the bidders preferred location or as per Client's assigned location.	Technical	No
69	Contractor, if necessary, shall build other temporary access roads to the actual site of construction for his own work at his own cost	Technical	May be agreed with the consent of owner
70	AC capacity is not mentioned in the tender document	Technical	Terms & Conditions of the Tender Document shall prevail
71	Spares list provided for Inverter are for Central Inverter	Technical	It should be read as Central/String Inverter