

NEPAL ELECTRICITY AUTHORITY

(An Undertaking of Government of Nepal)



Project Management Directorate

SASEC Power Transmission and Distribution System Strengthening Project

Supply, Delivery, Installation, Testing, Commissioning, Operation and Maintenance of Electric Vehicle Charging Stations

Invitation for Bids No.: PMD/PTDSSP/EVCS/2076/77-01

Clarification No. 1

SN	Volume	Clause Number	Content of the RFP requiring clarification	Bidders queries	Response to bidder's queries
1	VOLUME – II	TECHNICAL DATA SHEET S.No. 29 Mechanical Requirements 29 Ingress protection IP55	a. Ingress Protection IP55	Due to the protective shed is available above the charging equipment, according to our previous practice, the IP54 can fulfill the requirement. Please help to confirm whether can we optimize the design from IP55 to IP54.	Ingress protection required is IP 55 as mentioned in Section 3.8 of Section-A of Volume-II (Page 15). No change suggested.
2	VOLUME – II	Clause 4 - Distribution	These specifications cover the requirements of oil-	This is as per conventional substation.	The transformer shall be procured as per the specifications provided in Chapter 4 of



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		Transformer	immersed, naturally cooled three phase station transformers suitable for outdoors installation on 11 kV, 50 Hz distribution systems	We have proposed a Packaged Sub-Station (PSS) of similar rating has advantages over conventional substation. Easy to install and maintain Compact in dimension with less environmental impact Simple and fast installation Reduction in space requirement and civil work.	Section A of Volume-II. No changes suggested.
3	VOLUME – II	Clause 9 & 10 - Drop Out Fuses and Fuse Links	Drop Out fuses & Fuse Links	As we have proposed a PSS instead of a conventional substation this required shall be replaced by Vacuum Circuit Breaker (VCB) which is being used in HT section of PSS. It is more reliable and robust that Drop Out Fuses.	The Drop Out Fuses and Fuse Links shall be procured as per the specifications provided in chapter 9 and 10 of Section A of Volume-II respectively. No changes suggested
4	VOLUME – II	Clause No. 17 - Transformer Platform	Transformer Platforms	As we have suggested PSS which contains the Transformer inside the container. Therefore, no Transformer Platforms would not be required.	The transformer platform shall be procured as per the specifications provided in Chapter 17 of Section A of Volume-II. No changes suggested.
5	General Query			Does NEA has approved Vendor list for the non-EV charger equipment (Distribution Transformer, T-line etc.)	Bidders are free to provide equipment from any vendor as long as the technical specifications are met. NEA does not have any approved Vendor list
6	General observations		Embargo	Kindly confirm if there is embargo on any of the materials.	Bidders are requested to refer to Section 5 - Eligible Countries of Volume I (Page 5-1) "There is no country restriction and universal procurement will apply."
7				Please clarify whether export certification is required. and if so please tell the type of certification.	Bidders are required to supply equipment as per the terms and conditions specified in the bid document.
8	VOLUME – II	2.4 General Quality Requirements, Sub-section 11	Contractor shall be responsible for obtaining all statutory clearances including sanction from Electrical Inspectorate regarding operation of the	Please provide details for the necessary statutory clearances and respective authorities	NEA shall facilitate all statutory clearances, permits and approvals required for the purpose of installation of chargers in the specified location. However, bidders are requested to undertake their own due diligence.

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			system. NEA shall facilitate to ensure that the same is obtained successfully.		
9	Volume-I	Section 7 General Conditions of Contract, Insurance, Clause 34 & Appendix 3 - Insurance Requirements	Insurance	Do you intend to prefer any specific Insurance company through which the insurance needs to be obtained? If yes, please clarify and mention the name of the Insurance Company.	Bidders are required to obtain insurance as per the terms and conditions of the bid document. NEA does not prescribe any specific company for obtaining insurance
10			Auxiliary power	For installing the EV chargers at different locations, Auxiliary power is required for civil and mechanical works. Will it be provided by tenderer else bidder has to go with their own source like DG sets. Which may have financial implications in the bid.	Bidders may seek for a temporary power connection from NEA for auxiliary power requirements for civil and mechanical works. NEA, at its discretion may provide such connection.
11	Volume-III	Price Schedules- Schedule No. 2: Equipment including Mandatory Spare parts to be supplied from within Nepal	BOQ 19. TOD Meter with meter box and other fitting accessories (to be procured from NEA authorized centres at NEA prescribed rates)	Please inform the prescribed rates for TOD meters	The present rate for TOD meters is NPR 31,250. However, this rate is subject to change at the time of submission of bids. Bidders are requested to confirm the rate at the time of submitting their bids.
12	Volume-III			Below listed points not considered in price schedule. 1) Separate GI Earthing for EV charger. 2) PEB Shed for EV charger for better life. 3) Multi-function meter (V, A, Fz, KW, KVA, KVAR, PF etc) with RS-485 communication port for EMS (Energy management system) for better analysis. 4) DB with 300Amps 4P MCCB at charger. 5) 32Amps socket with 4P RCB in DB for auxiliary/Other works. 6) 5 Amps 2P MCB in DB for lighting loads. 7) Outdoor type heat shrink termination kits for	Bidders are requested to refer to Schedule 1 and 2 of Volume III, which provides the list of all items required for the project. 1) Earthing of the chargers has been included in Item number 1 of Schedule 1 and 2 (Volume-III) 2) Civil structure mentioned in Item number 1 of Schedule 1 and 2 (Volume-III) includes any civil structure such as foundation for the EV charger, Shed for chargers, etc. 3) Meters to be installed will be TOD meters to be procured from NEA authorized centers

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				<p>185Sq.mm power cable. 8) CCTV IP bullet cameras, NVR/DVR online for security.</p> <p>Kindly consider and incorporate in the price schedule</p>	<p>at NEA prescribed rates 4) Please refer to Item number 15 of Schedule 1 and 2 (Volume-III) which specifies requirement of 300A MCCB suitable for 200 kVA Distribution Transformer 5) Bidders shall include 32Amps socket with 4P RCB in DB for auxiliary/Other works under point number 15 of Schedule 1 and Schedule 2 of Volume III 6) Bidders shall include 5 Amps 2P MCB in DB for lighting loads under point number 15 of Schedule 1 and Schedule 2 of Volume III. 7) Bidders shall include outdoor type heat shrink termination kits for 185 sq.mm power cable under point number 15 of Schedule 1 and Schedule 2 of Volume III. 8) This is not required</p>
13	Volume-I	Section 4- Price schedules	Items not covered in BOM	<p>Below listed points not considered in price schedule.</p> <ol style="list-style-type: none"> 1) GI Earthing for charger – 1 No 2) Outdoor type termination kits for 185Sq.mm power cable – 2 Nos. 3) Shed for EV charger – 1 No. 4) DB at charger with 320Amps 4p MCCB – 1 No & 32Amps 2p MCCB – 1 No. 5) CC flooring for car parking while charging 6) Stopper Pipes – 1 No 	<p>Bidders are requested to refer to Schedule 1 and 2 of Volume III, which provides the list of all items required for the project.</p> <ol style="list-style-type: none"> 1) Earthing of the chargers has been included in Item number 1 of Schedule 1 and 2 (Volume-III) 2) Bidders may include outdoor type heat shrink termination kits for 185 sq.mm power cable under point number 15 of Schedule 1 and Schedule 2 of Volume III. 3) Civil structure mentioned in Item number 1 of Schedule 1 and 2 (Volume-III) includes any civil structure such as foundation for the EV charger, Shed for chargers, etc. 4) Bidders shall include 32Amps socket with 4P RCB in DB for auxiliary/Other works under point number 15 of Schedule 1 and Schedule 2 of Volume III 5) All the locations considered for charger installation would already have CC flooring.



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					No additional requirement 6) This is not required
14	Volume-II	Technical Data Sheet	25 Ambient Temperature Range: -5°C to 55°C	As the temperature in Nepal ranges from 0-30°C, hence, request you to kindly consider the temperature range from -25°C to +50°C.	As per the temperature conditions in Nepal, ambient temperature of -5°C to 55°C is a standard condition. No changes suggested
15	Volume-II	3.7 Environmental Requirements	Ambient Temperature Range: -5°C to 55°C		As per the temperature conditions in Nepal, ambient temperature of -5°C to 55°C is a standard condition. No changes suggested
16	Volume-II	3.7 Environmental Requirements	Ambient Temperature Range: -5°C to 55°C	Please clarify our range -5°C to -50°C is okay or not?	As per the temperature conditions in Nepal, ambient temperature of -5°C to 55°C is a standard condition. No changes suggested
17	Volume-II	Employer's Requirements--7. Insulator Pins		For 11kV Disc, 11kV Pin and Stay Insulators These specifications need to provide mechanical failing load, creepage distance. Specification need to provide.	Bidders are requested to refer to Section 6.10 of Section A of Volume II (Page 62), Section 6.11 of Section A of Volume II (Page 63) and 6.13.1 of Section A of Volume II (Page 63) for details on creepage distance and mechanical failing load test
18	VOLUME – II	Employer's Requirements- 1. Scope of Work	e. Electric connection from transformer to meter and from meter to charger	Understand the Meter to be installed in the Transformer Structure itself, please confirm	Yes, the understanding of the bidder is correct. Meters would be installed at the transformer
19	Volume-II	3.14.5	Support Language: English, Nepali	Can add Nepali, need customer assistance for translation	NEA shall assist bidders with only translation related aspects. Integration of language in the software and other associated work shall be the responsibility of the bidders
20	VOLUME – II	4.4.4 Winding	All delta leads should be clamped tightly on to the special frame / bracket making pie (II) frame.	As per requirement, we can form pie (II) frame using perma wood supports & leads can be clamped on horizontal support base. Hope this is in line with requirement. Please confirm.	Bidders are required to provide transformers and all other equipment as per the specifications and standards prescribed by NEA. No other changes suggested
21	VOLUME – II	4.4.12.f Accessories	Accessories: f. Pressure relief device of explosion-vent type	Explosion-vent type pressure relief device is not suitable for corrugated type tank. So, we can offer Pressure relief device of self-releasing and reclosing type. Please confirm	Bidders are required to provide transformers and all other equipment as per the specifications and standards prescribed by NEA. No other changes suggested
22	VOLUME – II	4.4.1 Tank	All welding shall be stress relieved.	This is not applicable for transformer tank as thinners material (Ex: corrugation) used in tank fabrication not suitable for annealing.	Bidders are required to provide transformers and all other equipment as per the specifications and standards prescribed by NEA. No other changes suggested
23	VOLUME – II	4.4.3 Core	The transformer shall be of core type. The cores shall be	As per our regular practice of TTDI, we shall provide MITRRED JOINTS.	Bidders are required to provide transformers and all other equipment as per the



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			constructed with prime core material of interleaved grade non-aging, low loss, high permeability, grain oriented and cold rolled silicon steel laminations, properly treated after being sheared to remove any burrs and shall be re-annealed to remove any residual stresses.	As this is an advanced practice there will be low burrs created in slits after shearing, so annealing is not required. Please allow us to follow as per above practices.	specifications and standards prescribed by NEA. No other changes suggested
24	VOLUME – II	4.4.3 Core	Permissible Flux Density and Over Fluxing- The bidder shall submit the design calculation in support of flux density and no-load current at 100% and 112.5% voltage along with drawings of core-steps, limb-diameter, window-height, limb-centre, etc.	The transformer construction can be core type or shell type because the type of construction will not affect the performance / specification parameters. As, CRGO wound core design is economical & compact for smaller rating transformers, please allow us to proceed with wound core designs also. We will submit the design calculation in support of flux density and no-load current at 100% and 112.5% voltage along with drawings of core width, stack thickness, window height, and window centre for wound core transformers. Kindly confirm	Bidders are required to provide transformers and all other equipment as per the specifications and standards prescribed by NEA. No other changes suggested
25	VOLUME – II	4.5.3. Tests to be witnessed by the Employer	The Purchaser's representative(s) shall also witness the (a) temperature-rise test, (b) dielectric type-test for each type (and rating) of transformer on at least 2 (two) % of each type (and rating) of transformer to be procured.	Since Temperature rise & Dielectric test are type tests, generally it will be tested for 1 or 2 samples per lot. So, a sample of 2 nos. of transformers per rating per lot to be tested for Temperature rise & Dielectric test during witness may be adequate. Please confirm /comment.	Bidders are required to provide transformers and all other equipment as per the specifications and standards prescribed by NEA. No other changes suggested
26	Volume-I	Section 3- Evaluation and Qualification		In the Section 3-Evaluation and Qualification Criteria--2.5 Subcontractors clause, there mentions that" Bidder(s) must submit all the necessary documents required to prove the above specified legal status, Valid ISO Certificate, experience certificate, authorization certificates, eligibility requirements (substantiated by end users certificate)	Bidders are required to submit all the necessary documents to prove legal status, Valid ISO Certificate, experience certificate, authorization certificates, eligibility requirements (substantiated by end users' certificate) and type test report for Electric Vehicle DC Fast Charging Unit, Distribution



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				<p>and type test report.”</p> <p>for the</p> <ol style="list-style-type: none"> 1.Electric Vehicle DC Fast Charging Unit 2.Distribution Transformer 3.11m PSC Poles <p>But in the VOLUME –II OF III Clause “Employer’s Requirements ”, there says” The information furnished shall be supported by the catalogue and test reports. The information not supported by the catalogues, test reports etc. shall be deemed to have been "Not provided".</p> <p>Please help to confirm for ACSR Conductor, Insulator Pins, Surge Arresters etc which is not mentioned in clause of Section 3-Evaluation and Qualification Criteria--2.5 Subcontractors, only the catalogues, test reports is mandatory required, the ISO, end user certificate and other document is not required for the these equipment or materials.</p>	<p>Transformer and 11m PSC Poles (Type test report is not required for PSC Poles). Other equipment to be supplied are exempted from this requirement</p>
27	Volume-I	2.3.2	Minimum average annual turnover of US \$ 8.5 Million calculated as total certified payments received for contracts in progress or completed, within the last 3 (Three) years	<p>We bring to your kind notice that, last 3 (Three) years Minimum average annual turnover of US \$ 8.5 Million is too high for the project value not more than US\$ 2.0 Million.</p> <p>In view of this, we request your good offices to consider "last 5 (Five) years Minimum average annual turnover US \$ 3.5 Million or 150% of estimated project value"</p>	No change suggested
28	Volume-I	2.3.2 of Section-3	“Minimum average annual turnover of US \$ 8.5 Million calculated as total certified payments received for contracts in progress or completed, within the last 3 (Three) years”.	<p>The complete project value as per the scope of work is not more than US \$ 2.1 Million. Therefore, Minimum average annual turnover of US \$ 8.5 Million is too high</p> <p>Kindly amend the clause as under,</p> <p>“Minimum average annual turnover of 250% of the quoted project value calculated as total certified payments received for contracts in progress or completed, within the last 3 (Three) years”.</p>	No change suggested



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29	Volume-I	2.4.2 of Section-3	The Bidder must have executed Installation, testing and commissioning of at least 25 (twenty-five) numbers of Electric Vehicle Supply Equipment (consisting of one or more charging guns) of capacity more than 100 kW based on DC Fast Charging Technology within last 10 years and shall have been satisfactory operation of minimum two (2) years	<p>In India, Electrical Vehicles and Electrical vehicle charging stations commenced from 2018. Major charging stations commences and completed in 2019 which not even completed 1 year of experience.</p> <p>Secondly, we have installed more than 100 numbers of Electrical Vehicle chargers for Electrical Buses (7 Mtr, 9Mtr, 10Mtr & 12 Mtr) which have high energy efficiency.</p> <p>Whereas the charger capacity was only 80KW. In view of the above, kindly consider and amend the clause as "The Bidder must have executed Installation, testing and commissioning of at least 50 (Fifty) numbers of Electric Vehicle Supply Equipment (consisting of one or more charging guns) of capacity more than 80 kW based on AC/DC Charging Technology within last 3 years and shall have satisfactory operation of minimum One (1) years for Charger and minimum Six (6) Months for Charging Stations".</p>	No change suggested
30	Volume-I	2.4.2 of Section-3	The Bidder must have executed Installation, testing and commissioning of at least 25 (twenty-five) numbers of Electric Vehicle Supply Equipment (consisting of one or more charging guns) of capacity more than 100 kW based on DC Fast Charging Technology within last 10 years and shall have been satisfactory operation of minimum two (2) years	<p>Since EV Charging network is recently evolved and major infrastructures are under execution, kindly allow any of the partner to participate who has secured at least one order of building such infrastructure</p>	No change suggested
31	Volume-I	2.4.2 of Section-3	The Bidder must have executed Installation, testing and commissioning of at	As discussed above In India, Electrical Vehicles revolution started from 2018-2019	No change suggested

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			<p>least 25 (twenty-five) numbers of Electric Vehicle Supply Equipment (consisting of one or more charging guns) of capacity more than 100 kW based on DC Fast Charging Technology within last 10 years and shall have been satisfactory operation of minimum two (2) years</p>	<p>Major of the installations are 75KW DC 2 gun Chargers and the experience of Electric Vehicle charging infra not even completed 1 year.</p> <p>Kindly amend the clause as under,</p> <p>“The Bidder must have executed Installation, testing and commissioning of at least 25 (twenty-five) numbers of Electric Vehicle Supply Equipment (consisting of one or more charging guns) of capacity more than 75 kW based on AC/DC Charging Technology within last 10 years and shall have been satisfactory operation of minimum Six (6) Months”</p> <p>Kindly consider above clause with “Extra performance Bank Guarantee of 5% of order value for the bidders not having 2 years performance. Bust should have successfully installed minimum 5000KW EV chargers (AC/DC) put together”</p> <p>This clause can allow prominent bidders like us to participate and provide you best quality work at competitive price.</p>	
32	Volume-I	2.4.2 of Section-3	<p>The Bidder must have executed Installation, testing and commissioning of at least 25 (twenty-five) numbers of Electric Vehicle Supply Equipment (consisting of one or more charging guns) of capacity more than 100 kW based on DC Fast Charging Technology within last 10 years and shall have been satisfactory operation of minimum two (2) years</p>	<p>We fully comply this clause but as per this clause total cost of execution of 25 chargers would not be more than 3-4 CR so again we are requesting to amend clause 2.4.1 i.e. single contract 2.8 USD Million in EV chargers only</p>	No change suggested



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33	General observations		Export Reservation Clause	We propose the following clause: Contractor's obligation to fulfil this agreement is subject to the provision that the fulfilment is not prevented by any impediments arising out of national and international foreign trade and customs requirements or any embargos for other sanctions.	Bidders are requested to refer to Section 5 - Eligible Countries of Volume I (Page 5-1) "There is no country restriction and universal procurement will apply."
34	Volume-II	3.3. Input requirements	b) Battery back-up: The Input supply system to have a battery backup for minimum 1 hour for control and billing unit. The data logs should be synced with CMS during back-up time, in case battery drains out.	If charger is able to transfer Charging data records instantaneously to the CMS system, Battery backup system is redundant. Please confirm	Bidders are requested to provide the chargers with specifications mentioned in Chapter 3 of Section A of Volume II. No changes suggested
35	Volume-II	3. 2b	Isolation (C) Double insulation	please clarify what is Double insulation and give detailed description.	Bidders are requested to refer IEC code 61851-23 for clarification on double insulation
36	Volume-II	3. 2b	System structure isolation (C) (c)Double insulation	Please elaborate on double Insulation	Bidders are requested to refer IEC code 61851-23 for clarification on double insulation
37	Volume-II	3.12.3	Specifications of Server for CMS Setup	Please elaborate on this point.	Bidders are requested to refer to Section 3.12.3 of Volume II (Page 18) for Specifications of Server for CMS Setup
38	Volume-II	3.12.3	Specifications of Server for CMS Setup	Please elaborate on this point.	Bidders are requested to refer to Section 3.12.3 of Volume II (Page 18) for Specifications of Server for CMS Setup
39				Please clarify whether the charging pail monitoring platform is required.	Bidders are requested to consider Section 3 of Section-A of Volume-II for specifications of the EVSE.
40	Volume-II	3.3b	With battery	Re-development, cycle is estimated to be longer than 3 months.	Bidders are requested to adhere to the timelines specified in the bid documents. No changes suggested
41	Volume-II	3.14.9	Voice notifications	Can be increased, it takes 2 months to develop	Bidders are requested to adhere to the timelines specified in the bid documents. No changes suggested
42	Volume-II	3.16.1.2	the e-mail and SMS notification	Can be increased, it takes 2 months to develop	Bidders are requested to adhere to the timelines specified in the bid documents. No changes suggested
43	Volume-II	Technical	Requires 10-inch display	Can be modified, it takes 2-3 months	Bidders are requested to adhere to the



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		Datasheet S.No. 37			timelines specified in the bid documents. No changes suggested																																					
44	Volume-I	2.1 of Section-3	“Joint Venture”	Kindly confirm “what are the maximum number of partners in the joint venture”. Kindly confirm “Can a single member participate with 2 different joint ventures”	There is no restriction on the number of JV members. Bidders are requested to refer to ITB 4.3 (e) of Volume I (Page 1-6), "...a Bidder participates in more than one bid in this bidding process, either individually or as a partner in a joint venture, except for alternative offers permitted under ITB 13. This will result in the disqualification of all Bids in which it is involved..."																																					
45	Volume-I	Section 3 - Evaluation and Qualification Criteria-2.5 Subcontractors	iv) The bidder shall submit at least two numbers of end user certificates showing that the Bidder or manufacturer has successfully completed the supply of major items at least twice the bid quantity of offered items (same size/capacity & voltage level or higher) as a main supplier over last five (5) years period ending on the last date of bid submission. The end user certificates shall be on the letterhead of the end user with valid address for correspondence and signed by or on behalf of the end user.	Request to revise the clause, as it restricts the eligible Manufacturers who are qualifying via clause 2.4.2 but unable to participate directly. "The bidder shall submit at least two numbers of end user certificates showing that the Bidder or manufacturer has successfully completed the supply of major items at least 50% of the bid quantity of offered items (same size/capacity & voltage level or higher) as a main supplier over last ten (10) years period ending on the last date of bid submission. The end user certificates shall be on the letterhead of the end user with valid address for correspondence and signed by or on behalf of the end user."	No change suggested																																					
46	Volume-II	3.1. General Requirements	<table border="1"> <thead> <tr> <th>Charger</th> <th>Charger Connectors</th> <th>Rated Voltage (V)</th> <th>Qty</th> <th>of Quantity</th> </tr> </thead> <tbody> <tr> <td rowspan="2">Category 1</td> <td>CSS 2.0 (Min 60 kV)</td> <td>200-750</td> <td>2</td> <td>approx.</td> </tr> <tr> <td>Type 2 AC (Min 22 kV)</td> <td>300-400</td> <td>1</td> <td>50% of total quantity</td> </tr> <tr> <td rowspan="2">Category 2</td> <td>CSS 2.0 (Min 60 kV)</td> <td>200-750</td> <td>1</td> <td>approx.</td> </tr> <tr> <td>CHAGEAC (Min 60 kV)</td> <td>200-500</td> <td>1</td> <td>10% of total quantity</td> </tr> <tr> <td rowspan="2">Category 3</td> <td>Type 2 AC (Min 22 kV)</td> <td>300-400</td> <td>1</td> <td>quantity</td> </tr> <tr> <td>GBT (Min 60 kV)</td> <td>200-750</td> <td>2</td> <td>approx.</td> </tr> <tr> <td rowspan="2">Category 3</td> <td>GBT AC (Min 22 kV)</td> <td>300-400</td> <td>1</td> <td>40% of total quantity</td> </tr> </tbody> </table>	Charger	Charger Connectors	Rated Voltage (V)	Qty	of Quantity	Category 1	CSS 2.0 (Min 60 kV)	200-750	2	approx.	Type 2 AC (Min 22 kV)	300-400	1	50% of total quantity	Category 2	CSS 2.0 (Min 60 kV)	200-750	1	approx.	CHAGEAC (Min 60 kV)	200-500	1	10% of total quantity	Category 3	Type 2 AC (Min 22 kV)	300-400	1	quantity	GBT (Min 60 kV)	200-750	2	approx.	Category 3	GBT AC (Min 22 kV)	300-400	1	40% of total quantity	Kindly consider the different types of chargers in separate units in all the categories to enable solution optimization, > More than one number of chargers in single cubicle creates the necessity of longer cable for guns. This increases the length and weight of cables	No change suggested
Charger	Charger Connectors	Rated Voltage (V)	Qty	of Quantity																																						
Category 1	CSS 2.0 (Min 60 kV)	200-750	2	approx.																																						
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				which subsequently increases maneuverability and wear and tear. > Also vehicle needs to be parked in close proximity of charger for charging	
47	Volume-II	3.17. Type Testing	3.17. Type Testing 1) IEC 61851 – 1 2) IEC 60068 3) IEC 61000	As currently there are not many IEC approved testing laboratories for certification, hence request you to give a time period of 6 months from the date of LOA for submission of IEC certificates.	No change suggested
48	Volume-II	Technical Data Sheet	21 Converter Efficiency > 95% at nominal output power	Kindly consider 94% efficiency since the same is as per accepted industry standard.	No change suggested
49	Volume-I	Section 1- 4.1 Eligible Bidders	A Bidder may be a natural person, private entity, or government-owned enterprise subject to ITB 4.5 - or any combination of them with a formal intent to enter into an agreement or under an existing agreement in the form of a Joint Venture. In the case of a Joint Venture (a) all partners shall be jointly and severally liable, and (b) the Joint Venture shall nominate a Representative who shall have the authority to conduct all business for and on behalf of any and all the partners of the Joint Venture during the bidding process and, in the event the Joint Venture is awarded the Contract, during contract execution.	Is Consortium instead of Joint Venture (JV) of partners to serve the entire scope of work allowed? Format for Consortium Information Sheet is not available. Hence, we shall consider the same format for Consortium. Request your concurrence.	Bidders are requested to refer to Section 1 – 4.1 of Volume I (Page 1-5), “A Bidder may be a natural person, private entity, or government-owned enterprise subject to ITB 4.5 - or any combination of them with a formal intent to enter into an agreement or under an existing agreement in the form of a Joint Venture...”
50	Volume-II	1.2	ii) For Repair & Maintenance of chargers, the bidder has to set-up service centres at appropriate	Please help to confirm, Contractor should hold the training for the employer’s project/operation team and let them have the ability to conduct the daily operation and maintenance work.	Bidders are requested to refer to Section 3.24 of Section A of Volume II (Page 30) for aspects related to training.



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			location(s). iii) There shall be the provision for buffer stock of spare parts to be maintained for its replenishment, opening of a representative office during warranty period and mechanism to ensure warranty clause during the entire period of contract.	During the 5 years warranty, Contractor should provide the required consumable spare part to Employer and send the technician to Nepal according to the Section 8 - Special Conditions of Contract--7.Scope of Facilities.	Contractor shall be responsible for all operation & maintenance for the AMC period of 5 years, including maintenance of buffer stock (if required). Bidders are requested to refer to clause 1 of Section A - Technical Specifications of Volume-II (Page 6), "Nepal Electricity Authority (NEA) intends to select a contractor for the design and engineering (as per site conditions), manufacturing, supply, erection, testing & commissioning of 142 kW EV fast charging station, which also includes the infrastructure to supply power followed by operation and a comprehensive on-site maintenance of the entire system for five (5) years from the date of handing over in all designated locations, and then handing over the project to NEA."
	Volume-I	7.3	Scope of Facilities The Contractor shall carry sufficient inventories to ensure an ex-stock supply of consumable spares for the Plant. The price of spare parts given in Price Schedule No. 6 shall not be considered for evaluation. NEA may place order for the spare parts given in Price Schedule No. 6 within 5 (Five) years after completion, at a price which is not higher than the price given in Price Schedule 6, which shall be supplied as promptly as possible, but at the most within 6 months of placing the order and opening the letter of credit.		NEA, at its discretion, may order spare parts during the 5 year period. NEA would pay the contractor for such spare parts ordered. However, these spare parts shall not be a part of the operation & maintenance for the AMC period of 5 years.
	Volume-II	1.1.(i)	Bidder has to perform planning, designing, engineering, manufacturing, testing, inspection, packing, supply, transportation & insurance (till delivery at site), delivery to project site,		

SN	Volume	Clause Number	Content of the RFP requiring clarification	Bidders queries	Response to bidder's queries
			unloading, handling and storage and erection, testing, commissioning and operation, along with 5-year comprehensive on-site warranty and AMC for 5 years of EV-Fast Charger (CCS 2.0, CHAdeMO, GB/T and AC Type 2) . The technical specifications of the fast charger shall comply with the requirements given under Chapter "Technical Specifications".		
	Volume-II	1. (f)	f. Training/refresher course to the project/operation team, contractor staff for carrying out operations, and addressing common issues related to operation of charging stations		
51	Volume-II	Technical Data Sheet S. No. 24	Cable Type: Charger cable and connector permanently attached to EVSE (liquid cooled)	At present, according to the equipment specifications required in the bidding document, the traditional air-cooled gun line can fully meet the demand without using the liquid-cooled gun line. In terms of price, the equipment price using the liquid-cooled gun line will be higher. So, could you accept the air-cooled gun ?	No changes suggested
52	Volume-II	Technical Data Sheet S. No. 24	Cable Type: Charger cable and connector permanently attached to EVSE (liquid cooled)	Please clarify whether liquid cooled cable type is must ?	No changes suggested
53	Volume-II	Technical Data Sheet S. No. 24	Cable Type: Charger cable and connector permanently attached to EVSE (liquid cooled)	There is no need to ask Liquid cooled cable because current requirement is below 200 A so normal cable will work. Kindly amend this clause accordingly	No changes suggested
54	Volume-II	Technical Data Sheet S. No. 24	Cable Type: Charger cable and connector permanently attached to EVSE (liquid	Liquid cooled cable is typically used for 300A above and the same adds to the costs, hence the same should be as left as per manufacturer's	No changes suggested



SN	Volume	Clause Number	Content of the RFP requiring clarification	Bidders queries	Response to bidder's queries
			cooled)	standard / Air Cooled.	
55	Volume-II	Technical Data Sheet S. No. 24	Cable Type: Charger cable and connector permanently attached to EVSE (liquid cooled)	The charging cable will be permanently attached to the charger, but Liquid cooled cable is not required as we can operate the normal cable till 200Amps. This is as per the applicable standards.	No changes suggested
56	Volume-II	Technical Data Sheet S. No. 24	Cable Type: Charger cable and connector permanently attached to EVSE (liquid cooled)	Can use liquid-cooled cables, costs may increase	No changes suggested
57	Volume-II	Technical Data Sheet S. No. 47	Communication interface between charger and central management system: All of: Ethernet, Wi-Fi and 2G/3G/4G	The Ethernet and 2G / 3G / 4G Network can fully meet the communication requirements of the equipment. Please help to confirm the WI-FI communication function is mandatory.	WI-FI communication is not mandatory. The communication interface between charger and central management system can be any: Ethernet, Wi-Fi and cellular
58	Volume-II	Section – A: 3.14 Technical Specifications Item Number 4	3.14. User Interface and Display Requirements 4. Display: a. Minimum 10 inches with 720 x 480 pixels TFT LCD Screen, user interface with touch screen or keypad b. Separate displays. 1 for each of CCS. CHAdeMO. GB/T and AC Type-2 c. Toughened unbreakable glass to be used for display screen	For the item 4, it mentions that the “Separate displays ,1 For each of CCS, CHAdeMO, GB/T and AC Type-2“, according to the normal practice, only one display screen is required for each charging station which can shows the statement of multiple guns, Please help to confirm whether we can optimize the design accordingly.	. Contractor to provide Separate displays Options for each of CCS, CHAdeMO, GB/T and AC Type-2 as mentioned in Section 3.14 Technical Specifications of Section-A of Volume-II
59	Volume-II	Employer's Requirements, 1. Scope of Work		In the design, there are sunshade or canopy structures above the equipment, for the purpose of make the operation conveniently, shall we install the lighting devices on the sunshade or canopy instead of the top of charging equipment.	The contractor shall be free to install LED panels as per their convenience provided, they provide proper lighting at the charging station during evening times / dim-light times
60	Volume-I	Scope of facilities		According to the “price schedule --Schedule 4, item 11”,and the “Section 8 - Special Conditions of Contract-7.Scope of Facilities”, shall we comprehend that the item “Comprehensive on-site extended warranty and AMC for a period of five years ”means the cost for the technician excluding required spare parts, the cost of required spare part	Contractor shall be responsible for all operation & maintenance for the AMC period of 5 years.
	Volume-III	Schedule No. 4: Erection /			NEA, at its discretion, may order spare parts during the 5-year period. NEA would pay the contractor for such spare parts ordered.



SN	Volume	Clause Number	Content of the RFP requiring clarification	Bidders queries	Response to bidder's queries
		Installation, Construction and O/M Services		which is placed order by NEA will be paid to contractor additionally	However, these spare parts shall not be a part of the operation & maintenance for the AMC period of 5 years.
61	Volume-II	3.1. General Requirements	<p>Category 1 (approx. 50% of total): 2 Guns of CCS 2.0 (Min 60 kW) 200-750V DC + 1 gun of Type-2 AC (Min 22 kW) 380-480V AC</p> <p>Category 2 (approx. 10% of total): 1 Gun of CCS 2.0 (Min 60 kW) 200-750V DC + 1 Gun of CHAdeMO (Min 60 kW) 200-500V DC + 1 gun of Type-2 AC (Min 22 kW) 380-480V AC</p> <p>Category 3 (approx. 40% of total): 2 Guns of GB/T (Min 60 kW) 200-750V DC + 1 gun of GB/T AC (Min 22 kW) 380-480V AC</p>	Will it be possible to Supply only part-of the Categories?	The bidder shall supply all parts as mentioned in the bid document
62	Volume-II	3.16.2. Smartphone Apps (available for Android and iOS)	To generate any other form of revenue, contractor must take approval from NEA	Please elaborate this requirement in detail.	This requirement means that in case contractor earns any additional revenue generation the contractor must take prior approval from NEA.
63	Volume-II	3.15. Key features of CMS	For following sections, operator refer to charge point operator who is operating and maintaining the chargers. Under this procurement process, the contractor would be operator for first five years. For the first five years, contractor must provide dedicated personnel(s) for central monitoring of the chargers and handling any compliant as raised by consumers at NEA office. At the end of	<p>1. NEA team shall be responsible for operating and maintaining the Chargers & CMS system during execution as well as O&M Phase of 5 years whereas bidder will provide training to NEA's identified team. Please confirm</p> <p>2. After completion of 5 years, NEA to renew the CMS annual subscriptions to use the system for monitoring of complete system. Please confirm.</p>	1) Bidders are requested to refer to clause 1 of Section A - Technical Specifications of Volume-II (Page 6), "Nepal Electricity Authority (NEA) intends to select a contractor for the design and engineering (as per site conditions), manufacturing, supply, erection, testing & commissioning of 142 kW EV fast charging station, which also includes the infrastructure to supply power followed by operation and a comprehensive on-site maintenance of the entire system for five (5) years from the date of handing over in all designated locations, and then handing over the project to NEA."

SN	Volume	Clause Number	Content of the RFP requiring clarification	Bidders queries	Response to bidder's queries
			five years, the CMS would be handed over to NEA. Following sub-sections provide key features that contractor must provide in the CMS.		2) The employer is procuring CMS and bidders are requested to provide quotation for the same in Item number 10 for Schedule 4 of Volume III. Hence no annual subscription fee is envisaged under this procurement.
64	Volume-II	3.15.4. Firmware Upgrade	Firmware update can be scheduled based on operator preferences or as per NEA's preferences and contractor would be responsible for firmware upgradation (at no extra cost) while operating the chargers.	The Charger OEM and NEA is responsible for providing the firmware for updation as per schedule	As mentioned in clause 3.15.4 of Section A - Technical Specifications of Volume-II (Page 21), the contractor shall be responsible to provide and update firmware at no extra cost to NEA.
65	Volume-II	3.16.2. Smartphone Apps (available for Android and iOS)	No charges other than EV charging service rate as specified by NEA should be charged from the EV users	NEA should provide final tariff rate (with components if any) so that the EV user/EV drivers billed and invoiced on either per kWh or time based. Please confirm our understanding.	This understanding is correct. NEA shall provide the final tariff rate (with components if any) so that the EV users / EV drivers are billed and invoiced on either per kWh or time-based charges.
66	Volume-II	1.1 Design, Supply, Delivery, Installation, Testing, Commissioning and Warranty of EV Fast Charging Stations- Sub-section ii	The bidder shall supply the entire lot of charging stations and part components of the charging station including other related items/software to the project site.	Please confirm the software to the Project site is referring to CMS specified in Technical specification 3.12.3	Software refers to CMS, web portal, mobile app as mentioned in section 3.15 and 3.16 of Section A - Technical Specifications of Volume-II (Page 20 and Page 24 respectively) and any other software that contractor may require for smooth operation of charging stations.
67	Volume-I	Section 1-18.4 (d)where identified in "the Bidding Document, as necessary for the proper execution of the installation and other services, including all taxes, duties, levies, and charges payable in the Employer's country as of 28 days prior to the deadline for submission of bids"	28-days prior to deadline for submission of Bids? Please clarify	Taxes and duties as prevalent in Nepal 28 days prior the submission of bid for bid submission. In case of any change in taxes after 28 days prior to bid submission would be treated as per Section-7 General Condition of Contract Article 36 (Page 7-45)
68	Volume-III	Price Schedules-	Item 10: Deployment of	Please clarify the payment procedure/schedule for	The employer is procuring CMS and bidders

SN	Volume	Clause Number	Content of the RFP requiring clarification	Bidders queries	Response to bidder's queries
		Schedule No. 4: Erection / Installation, Construction and O/M Services	CMS system, UOM = LS	CMS system	are requested to provide quotation for the same in Item number 10 for Schedule 4 of Volume III. Bidders are requested to refer to Schedule 4 of Appendix 1 of Volume I (Page9-8) for the payment procedure.
69	Volume-III	Price Schedules- Schedule No. 4: Erection / Installation, Construction and O/M Services	Item 2: Installation of EV Charging Station including the required CMS system and earthing of chargers Item 10: Deployment of CMS system	As in Item no. 10, CMS already appearing, request to revise the item description for item no. 2 as "Installation of EV Charging Station and earthing of chargers"	Item 2 of Schedule 4 is about the installation of component related to CMS system in the charging stations. Item 10 of Schedule 4 refers to the installation of related components in the central control room.
70	Volume-II	Employer's Requirements- 1.1 Design, Supply, Delivery, Installation, Testing, Commissioning and Warranty of EV Fast Charging Stations	<ul style="list-style-type: none"> • Bidder has to perform planning, designing, engineering, manufacturing, testing, inspection, packing, supply, transportation & insurance (till delivery at site),..... • The bidder shall supply the entire lot of charging stations and part components of the charging station including other related items/software to the project site. • Transportation, storage, Demurrage/Wharfage, etc: Bidder is required under the contract to transport the Goods to place of destination defined as Site and make necessary arrangements for storage of the material till the same are installed at various locations. Transport to such place of destination including insurance shall be arranged by the successful bidder, and the related cost shall be included in the 	<p>a) Please confirm, Insurance after delivery of the material shall be in Owner's scope</p> <p>b) We understand total 50 nos chargers will be delivered in a Single lot, please confirm.</p> <p>c) Please confirm storage to be provided by Owner or Bidder has to arrange for Storage facilities. Insurance also depends on the process and condition of storage, hence the proper storage is important to complete the project without any damage/theft.</p>	<p>Bidders are requested to refer to the specific sections provided below:</p> <p>a) Point iii of section 1.1 of volume-II (Page 3), the contractor shall be responsible for insurance for the whole contract period</p> <p>b) Bidders may provide details in the Technical Proposal as per Volume I (Page 4-16) which includes site organization, method statement, mobilization schedule, etc., for delivery and installation of the chargers and adhere to the timelines mentioned in the Contract Execution Schedule of section 4.1 of Volume-II (Page 149).</p> <p>c) Point i and vi of Section 1.1 of Volume-II (page 3 and 4), the contractor shall be responsible to store any spare part / equipment required. However, as per ITB 18.4(a)(i) of Section 2 Bid Data Sheet of Volume I (Page 2-2), "...NEA can provide storage facility in its substations / regional office premises on the basis of request of the bidders for a period as approved by the NEA..."</p>



SN	Volume	Clause Number	Content of the RFP requiring clarification	Bidders queries	Response to bidder's queries
			Contract Price.		
71	Volume-II	Employer's Requirements- 1. Scope of WorkConstruction of hood structure on the top of the EV Charger.....	Please confirm the requirement of hood is as per TS clause 3.19. EV Charger Installation (page-27)	Bidders are requested to refer to section 3.19. of Section A - Technical Specifications of Volume-II (Page 27), which specifies the requirement of hood
72	Volume-I	Section 3 - Evaluation and Qualification Criteria 1.3.3 a) Operating and Maintenance (O&M) Costs	Operation and maintenance of the entire system of EV charging stations and central control centre for 5 years after installation and commissioning shall be responsibility of the successful contractor....	Please clarify the scope of work at the "Central Control Centre"	Bidders are requested to refer to Section 3.15 of Section A of Volume II of the Bid Document.
73		Generic Requirement	NA	Authority should ask for Type testing certificate of at least one model of EV Charger mentioned in the tender or similar charger with 142 kW Power capacity tested for IEC Compliance and CE Compliance from a renowned third-party agency	Bidders are requested to refer to clause 2.5 of Section 3-Evaluation and Qualification Criteria of Volume I (Page 3-11) for the type test certificate requirement.
74	Volume-I	2.3.3	(3) The joint venture must demonstrate that the combined financial resources of all partners defined in FIN - 3, less all the partners' total financial obligations for the current contract commitments defined in FIN - 4, meet or exceed the total requirement for the Subject Contract of US\$ 1.5 Million	Kindly Allow any of the partner to comply the term, please make the relaxed criteria to allow the Indian and Nepalese Companies	No change suggested.
75	Volume-II	3. 2i	Output Current: 200A	200 A refers to total output current or single gun output current? Please clarify	200 A refers to total output current of single gun only
76	Volume-II	3. 2i	Output Current: 200A	200 A refers to total output current or single gun output current? Please clarify	200 A refers to total output current of single gun only
77	Volume-II	3.3b	Battery back-up	Please clarify whether it is must with Battery back - up.	As mentioned in Section 3.3 of Section-A Technical Specifications of volume-II (page 14) the Battery back-up for minimum 1 hour for control and billing unit only. The data logs should be synced with CMS during



SN	Volume	Clause Number	Content of the RFP requiring clarification	Bidders queries	Response to bidder's queries
					back-up time, in case battery drains out.
78	Volume-I			Please clarify consortium ok vis-a-vis JV	Bidders are requested to refer to Section 1 – 4.1 of Volume I (Page 1-5), “A Bidder may be a natural person, private entity, or government-owned enterprise subject to ITB 4.5 - or any combination of them with a formal intent to enter into an agreement or under an existing agreement in the form of a Joint Venture...”
79	Volume-I	Section 3- Evaluation & Qualification Criteria Cl. 2.4.1	Participation as a contractor, JV partner, or subcontractor, in at least 2 (two) contracts that have been successfully or substantially completed within the last 10 (ten) years and that are similar to the proposed contract, where the value of the Bidder's participation under each contract exceeds US\$ 2.80 Million each . The similarity of the Bidder's participation shall be based on design, supply, installation, operation and commissioning. of EV Charging Stations	Since EV and its infrastructure is relatively new technology and limited projects of this magnitude have been executed so far. Hence in order to accommodate prospective bidders we request to change this prequalifying criterion from value to kW ratings of EV Chargers. We propose that the minimum qualifying criterion to be 800kW of cumulative supplied / installed capacity.	No change suggested
80	Volume-I	Section 3- Evaluation & Qualification Criteria Cl. 2.4.1	Participation as a contractor, JV partner, or subcontractor, in at least 2 (two) contracts that have been successfully or substantially completed within the last 10 (ten) years and that are similar to the proposed contract, where the value of the Bidder's participation under each contract exceeds US\$ 2.80	Since EV Charger have been launched in India last 2 years back so no company in India has executed 2.8 USD Million only in EV charging station. Since EV charging station is electrical & electronic items and it is combination of batteries+rectifier+charge controller so We would request to amend this clause as: 1) The bidder must have OEM for batteries or UPS or Rectifier or Soar components. 2) The bidder must have executed at least 2 projects around 2.8USD million each either in	No change suggested

SN	Volume	Clause Number	Content of the RFP requiring clarification	Bidders queries	Response to bidder's queries
			Million each. The similarity of the Bidder's participation shall be based on design, supply, installation, operation and commissioning. of EV Charging Stations	batteries/UPS/RECTIFIER/SOLAR PROJECT.	
81	Volume-I	Section 3- Evaluation & Qualification Criteria Cl. 2.4.1	Participation as a contractor, JV partner, or subcontractor, in at least 2 (two) contracts that have been successfully or substantially completed within the last 10 (ten) years and that are similar to the proposed contract, where the value of the Bidder's participation under each contract exceeds US\$ 2.80 Million each. The similarity of the Bidder's participation shall be based on design, supply, installation, operation and commissioning. of EV Charging Stations	In India, Electrical Vehicles revolution started from 2018-2019. Electric vehicle order value is US \$ 10 Million. Whereas the value of each Electric vehicle charging station project is not more than US\$ 0.05 Million. Kindly amend the clause as under, "Participation as a contractor, JV partner, or subcontractor, in at least 2 (two) contracts that have been successfully or substantially completed within the last 10 (ten) years and that are similar to the proposed contract, where the value of the Bidder's participation under each contract exceeds US\$ 0.05 Million each. The similarity of the Bidder's participation shall be based on design, supply, installation, operation and commissioning of EV Charging Stations."	No change suggested
82	Volume-I	Section 3- Evaluation & Qualification Criteria Cl. 2.4.1	Participation as a contractor, JV partner, or subcontractor, in at least 2 (two) contracts that have been successfully or substantially completed within the last 10 (ten) years and that are similar to the proposed contract, where the value of the Bidder's participation under each contract exceeds US\$ 2.80 Million each. The similarity of the Bidder's participation shall be based on design,	In India, Electrical Vehicles and Electrical vehicle charging stations commenced from 2018. Value of each project is not more than US\$ 0.14 Million (i.e., with complete material like HT/LT Panels, Transformer, Charger, Shed, Civil etc). Where, we have done the India's biggest EV charging station project with 4,500KW in single station, the value of the project is limited to US\$ 0.5 Million. Kindly consider the practical aspects and consider by amending the clause with "The bidder should have executed minimum 2 similar contracts in last 3 years. The contract value exceeds US\$ 0.15 Million each."	No change suggested



SN	Volume	Clause Number	Content of the RFP requiring clarification	Bidders queries	Response to bidder's queries
			supply, installation, operation and commissioning. of EV Charging Stations		
83	Volume-I	Section 3- Evaluation & Qualification Criteria Cl. 2.4.1	Participation as a contractor, JV partner, or subcontractor, in at least 2 (two) contracts that have been successfully or substantially completed within the last 10 (ten) years and that are similar to the proposed contract, where the value of the Bidder's participation under each contract exceeds US\$ 2.80 Million each . The similarity of the Bidder's participation shall be based on design, supply, installation, operation and commissioning. of EV Charging Stations	Since EV Charging network is recently evolved and major infrastructures are under execution, kindly allow any of the partner to participate who has secured at least one order of such amount	No change suggested
84	Volume-I	Section 3- Evaluation & Qualification Criteria Cl. 2.4.1	Participation as a contractor, JV partner, or subcontractor, in at least 2 (two) contracts that have been successfully or substantially completed within the last 10 (ten) years and that are similar to the proposed contract, where the value of the Bidder's participation under each contract exceeds US\$ 2.80 Million each . The similarity of the Bidder's participation shall be based on design, supply, installation, operation and commissioning. of EV	Apart from supply of Chargers, the job scope also involves substantial part of Electrical Infrastructure facilities involving Transformers, Poles etc. Request to consider two Electrical Power Distribution jobs of US\$ 2.80 Million each involving Supply and Installation of 33kV or 11kV Panels along with Automation system as general experience in case Bidder is not Manufacturer. Anyhow for EVCS experience, clause 2.4.2. is applicable along with successful operation	No change suggested

SN	Volume	Clause Number	Content of the RFP requiring clarification	Bidders queries	Response to bidder's queries
			Charging Stations		
85			Approvals	Will the approvals for drawing power lines are in the scope of Tender?	NEA shall facilitate all statutory clearances, permits and approvals required for the purpose of installation of chargers in the specified location. However, bidders are requested to undertake their own due diligence.
86	VOLUME – II	Employer's Requirements- 1. Scope of Work	d. Construction of 11 kV line from nearest available existing supply line up to the site location and making necessary electrical connection to the EV charger including earthing as required.	Please specify the take off point for HT tap form any Substation / Existing Line. Request to provide the existing system study report for proposed locations.	Bidders may note that the maximum distance for 11 kV line / point for HT tap form any Substation / Existing Line is expected to be in the range of 300-500 meters for each charging station.
87	VOLUME – II	Technical Specification 3. Electric Vehicle Supply Equipment (EVSE) 3.21. Erection, Testing and Commissioning	8. After the Inspection and Approval of the Electrical Inspectorate, date of Energisation to the Grid will be considered as the official Date of Commissioning (CoD) of the project.	<ul style="list-style-type: none"> • Please confirm that the Approval of the Electrical Inspectorate shall be in Owner's scope. • The CoD will be treated as Operational Acceptance, please confirm. 	<p>a) NEA shall facilitate all statutory clearances, permits and approvals required for the purpose of installation of chargers in the specified location. However, bidders are requested to undertake their own due diligence.</p> <p>b) Bidders are requested to refer to Article 25 of Section 7 of Volume I (Page 7-32) for aspects related to Commissioning and Operational Acceptance</p>
88	Volume-II			Is cloud-based Charger Management System (CMS) acceptable? If not then the server specification are not sufficient (typical CMS would then require full-fledge Data Center)	<p>CMS hosted on cloud is not accepted.</p> <p>An indicative minimum specification for servers has been provided in section 3.12 of Section-A of Volume-II. Bidders are requested to choose server specifications honoring these minimum specifications. CMS functional requirements have been detailed in sections 3.13 and 3.15 of section-A of Volume-II. The architecture of the CMS has been left open to enable bidders to propose their optimal design. This architecture shall have to provide for</p>



SN	Volume	Clause Number	Content of the RFP requiring clarification	Bidders queries	Response to bidder's queries
					redundancies of critical components as well as adequate cyber security measures.
89	VOLUME – II	3.12.3.	Specifications of Server for CMS Setup:	<p>Is CMS hosted on cloud accepted?</p> <p>Is the CMS scope limited to Server, router/switch or a complete IT infra setup (storage, networking switches, san switches, router, email & SMS gateway and associated services, leased lines, VPN connectivity, power supply with battery backup, and 3rd party Software licenses/subscriptions etc.) at NEA's Data Center to be expected for running CMS application?</p>	<p>CMS hosted on cloud is not accepted.</p> <p>An indicative minimum specification for servers has been provided in section 3.12 of Section-A of Volume-II. Bidders are requested to choose server specifications honoring these minimum specifications. Bidders are requested to ensure to provide a functional CMS to NEA. CMS functional requirements have been detailed in sections 3.13 and 3.15 of section-A of Volume-II. The architecture of the CMS has been left open to enable bidders to propose their optimal design. This architecture shall have to provide for redundancies of critical components as well as adequate cyber security measures.</p>
90	VOLUME – II	3.12.3. Specifications of Server for CMS Setup:	Any maintenance works, error handling, software upgradation or other server/software related issues shall be dealt with by the contractor for the whole contract warranty period of 5 years.	<p>Is CMS hosted on cloud accepted?</p> <p>Is the CMS scope limited to Server, router/switch or a complete IT infra setup (storage, networking switches, san switches, router, email & SMS gateway and associated services, leased lines, VPN connectivity, power supply with battery backup, and 3rd party Software licenses/subscriptions etc.) at NEA's Data Center to be expected for running CMS application?</p> <p>Would training of NEA personnel for L1 support be accepted and remote L2/L3 support provided by Bidder?</p>	<p>CMS hosted on cloud is not accepted.</p> <p>An indicative minimum specification for servers has been provided in section 3.12 of Section-A of Volume-II. Bidders are requested to choose server specifications honoring these minimum specifications. Bidders are requested to ensure to provide a functional CMS to NEA. CMS functional requirements have been detailed in sections 3.13 and 3.15 of section-A of Volume-II. The architecture of the CMS has been left open to enable bidders to propose their optimal design. This architecture shall have to provide for redundancies of critical components as well as adequate cyber security measures.</p>
91	Volume-II	3.12.3.	Specifications of Server for CMS Setup:	Does it required to quote for Server hardware as mentioned in the clause?	An indicative minimum specification for servers has been provided in section 3.12 of Section-A of Volume-II. Bidders are

SN	Volume	Clause Number	Content of the RFP requiring clarification	Bidders queries	Response to bidder's queries
					requested to choose server specifications honoring these minimum specifications. Bidders are requested to ensure to provide a functional CMS to NEA. CMS functional requirements have been detailed in sections 3.13 and 3.15 of section-A of Volume-II. The architecture of the CMS has been left open to enable bidders to propose their optimal design. This architecture shall have to provide for redundancies of critical components as well as adequate cyber security measures. Bidders are requested to quote for the server in Item Number 2 of Schedule 1 and 2 of Volume-III
92	Volume-I	ITB 18.4(a)(i)	The Incoterm for quoting plant to be supplied from abroad is: CIP - Project sites or Designated store in Nepal 50 Charging stations will be installed in nine cities; Viz., Kathmandu, Naryangadh, Butwal, Itahari, Biratnagar, Pokhara, Nepalgunj, Dhangadhi and Damak as well as inter-city routes between these cities. The exact sites for installation of chargers would be provided by NEA at the time of signing of contract. The bidder would be required to undertake final site survey for installation of chargers. NEA can provide storage facility in its substations / regional office premises on the basis of request of the bidders for a period as approved by the NEA. The	The charging station will be installed in viz cities and the exact location is not yet fixed, for the purpose of selecting the location to store the material, making the detail Technical Method Statement and the single line diagram and layout drawing (nearest available existing supply line, location for battery room, configuration for the distribution panel and control room cannot settled) ,and conduct the calculation for the approximately exact amount of the materials , the site survey is necessary at this moment, please share the guideline about the site survey. Please also help to know whether the charging station will be installed near any Government departments, Shopping Mall, Supermarket, petrol station ,etc .	The indicative list of sites and the number of charging stations to be located in each site is given below. The sites are nearby sites from the provided nine cities. I. Five (5) charging stations in Pradesh 1: This will include: a) Damak (District Jhapa) – 1 b) Bhadrapur (District Jhapa) – 1 c) Kankai (District Jhapa) – 1 d) Biratnagar (District Morong) – 1 e) Itahari (District Sunasari) – 1 II. Seven (7) charging stations in Pradesh 2: This will include: a) Biraganj (District Parsa) – 1 b) Simara (District Bara) – 1 c) Chandanihapur (District Rautahat) – 1 d) Dhalkewar (District Dhanusha) – 1 e) Janakpurdham (District Dhanusha) – 1 f) Barbidas (District Mahottari) – 1 g) Rajbiraj (District Saptari) – 1 III. 13 charging stations in Pradesh Bagamati: This will include:



SN	Volume	Clause Number	Content of the RFP requiring clarification	Bidders queries	Response to bidder's queries
			cost for transportation of chargers to the designated site for installation will be borne by the bidders.		<p>a) Malekhu (District Dhading) – 2 b) B.P. Rajmarga (District Sindhuli) – 2 c) Hetauda (District Makawanpur) – 2 d) Bharatpur (District Chitawan) – 2 e) Mugalin / Kurintar (District Chitawan) – 4 f) Banepa (District Kavre) – 1</p> <p>IV. Six (6) charging stations in Pradesh Gandaki: This will include: a) Nawalpur (District East Nawalparasi) – 1 b) Damauli (District Tanahu) – 1 c) Syanja (District Syanja) – 1 d) Pokhara (District Kaski) – 3</p> <p>V. Eight (8) charging stations in Pradesh 5: This will include: a) Nepalgunj (District Bhojpur) – 1 b) Bhaluwang (District Dang) – 1 c) Dang (District Dang) – 1 d) Butawal (District Rupandehi) – 3 e) Bardaghat / Sunawal (District West Bawalparasi) – 2</p> <p>VI. One (1) charging station in Pradesh Karnali in Surkhet (District Surkhet)</p> <p>VII. Three (3) charging stations in Pradesh 7: This will include: a) Mahendranagar (District Kanchanpur) – 1 b) Dhangadhi (District Kailali) – 1 c) Dadeldhura (District Dadeldhura) – 1</p> <p>VIII. 7 charging stations in Kathmandu Valley</p> <p>The exact sites for installation of chargers would be provided by NEA at the time of signing of contract.</p>
93	Volume-III	Item number 1	Pre-construction survey (Site	The charging station will be installed in viz cities	Refer above (Sl. No. 92) for the list of sites



SN	Volume	Clause Number	Content of the RFP requiring clarification	Bidders queries	Response to bidder's queries
			survey, preparation of detail drawing/SDS and submission for approval before commencing execution of works for each site location)	and the exact location is not yet fixed, for the purpose of selecting the location to store the material, making the detail Technical Method Statement and the single line diagram and layout drawing (nearest available existing supply line, location for battery room, configuration for the distribution panel and control room cannot settled) ,and conduct the calculation for the approximately exact amount of the materials , the site survey is necessary at this moment, please share the guideline about the site survey. Please also help to know whether the charging station will be installed near any Government departments, Shopping Mall, Supermarket, petrol station, etc .	and the number of charging stations in each site. The exact sites for installation of chargers would be provided by NEA at the time of signing of contract.
94	General observations		Tax Exemptions	a. Is there any specific tax exemption available to the Contractor with respect to Company Income Tax or any other Taxes from the Government for the said Project. Please clarify ? b. Please confirm whether TDS will be deducted by NEA c. Any tax exemptions are available for the execution of the contract?	Bidders are requested to undertake their own assessment of applicable taxes and duties for the purpose of bid submission
95	Volume-II	3.13. Billing and Payment Requirements	Payment from EV charging consumers must be deposited in real time to the designated NEA Bank Account following a digital payment gateway approved by Nepal Rashtira Bank.	NEA is responsible for all financial transaction and settlements. We recommend that NEA's proposed payment gateways should be integrated with NEA's bank account and billings, collection systems to support this requirement.	NEA shall provide required information such as API, Security key details, etc, for the purpose of integration of payment gateway. Contractors are required to provide solution(s) for integration of payment gateway and financial settlements.
96	VOLUME – II	3.13. Billing and Payment Requirements	Payment: Smart Card, QR/OTP/APP Server based Online Payment / UPI compliant mobile payment	1. EV driver/user authorization using RFID card. Mobile app help recurrent EV driver to locate, book/reserve, remote start/stop and further payment using integrated payment gateway 2. EV driver/user use Mobile app for payment where Mobile app is integrated with NEA's payment gateway supporting various digital options (credit card, debit card, wallets, UPI) 3. NEA should provide the list of payment Gateway providers (supporting various digital payment	Contractor shall provide technical solution for payment and financial settlement as mentioned in Section 3.13 of Section A of Volume-II. Payment mechanism is envisaged as “Smart Card, QR/OTP/APP Server based Online Payment” as mentioned in Section 3.13 of Section-A of Volume-II.



SN	Volume	Clause Number	Content of the RFP requiring clarification	Bidders queries	Response to bidder's queries
				<p>methods) to be integrated with Mobile app to estimate the efforts.</p> <p>4. NEA should provide details of proposed payment gateway (like APIs/security key details) for integration with mobile apps.</p> <p>5. NEA's should provide their account in Play store and App store used for hosting of mobile apps.</p> <p>6. In case, the EV user do payment at charging station location using cash or credit card etc, then all financial transactions, settlement, accounting/auditing etc is under NEA scope.</p>	NEA shall facilitate the requisite support for same.
97	Volume-I	Section 7 General Conditions of Contract, Limitation of Liability, Clause 30	30.1 Except in cases of criminal negligence or willful misconduct, (a) the Contractor shall not be liable to the Employer, whether in contract, tort, or otherwise, for any indirect or consequential loss or damage, loss of use, loss of production, or loss of profits or interest costs, provided that this exclusion shall not apply to any obligation of the Contractor to pay liquidated damages to the Employer	<p>The said clause is acceptable to us, however, request you to amend the clause as follows (changes highlighted in Bold & Italics):</p> <p>30.1 Except in cases of criminal negligence or willful misconduct, (a) the Contractor shall not be liable to the Employer, whether in contract, tort, or otherwise, for any indirect or consequential loss or damage, loss of use, loss of production, loss of power, loss of purchased or replacement power, loss or information or data or loss of profits or interest costs, cost of capital or damages from Customer's third party contracts provided that this exclusion shall not apply to any obligation of the Contractor to pay liquidated damages to the Employer</p>	No changes suggested
98	Volume-I	Section 7 General Conditions of Contract, Termination for Contractor's Default, Clause 42.2.6	If the Employer completes the Facilities, the cost of completing the Facilities by the Employer shall be determined. If the sum that the Contractor is entitled to be paid, pursuant to GCC Subclause 42.2.5, plus the reasonable costs incurred by the Employer in completing the Facilities, exceeds the Contract Price, the	<p>Since the overall Limitation of Liability has been capped to 100% of the Contract Value, in the event of Risk Purchase, the Contractor should be made liable only for the differential amount up to a maximum of the Contract Price.</p>	No changes suggested

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			Contractor shall be liable for such excess.		
99	Volume-I	Section 8 Special Conditions of Contract, Law and Language, Clause 5.1	The Contract shall be interpreted in accordance with the laws of: Nepal	Request you to consider England or Singapore Law as the same is generally considered for ICB Tenders.	No changes suggested
100	Volume-I	Bidding document clause- Schedule No. 1 Clause 18.4 (a)	Plant and Mandatory Spare Parts Supplied from Abroad	In the bidding document, there is not clearly mentioned the rate and duties of the tax for the material supplied from abroad, please help to clarify the exact rate and duties of the tax	Bidders are requested to undertake their own assessment of applicable taxes and duties for the purpose of bid submission
101	Volume-I	Bidding document clause- Schedule No. 2 Clause 18.4 (b)	Plant and Mandatory Spare Parts Supplied from Within the Employer's	In the bidding document, there is not clearly mentioned the rate and duties of the tax for the Price Schedule No. 2, please help to clarify the exact rate and duties of the tax.	Bidders are requested to undertake their own assessment of applicable taxes and duties for the purpose of bid submission
102	Volume-I	Bidding document clause- Schedule No. 4 Clause 18.4 (d)	Installation and Other Services	In the bidding document, there is not clearly mentioned the rate and duties of the tax for the Price Schedule No. 4, please help to clarify the exact rate and duties of the tax.	Bidders are requested to undertake their own assessment of applicable taxes and duties for the purpose of bid submission
103	Volume-I	"Section 8 - Special Conditions of Contract 14. Taxes and Duties		Kindly conform whether we should consider the Tax Deduction at Source (TDS) payable on income by contractor for the "Schedule No. 1: Equipment including Mandatory Spare parts to be supplied from abroad" , Schedule No. 2: Equipment including Mandatory Spare parts to be supplied from within Nepal" and "Schedule No. 4: Erection / Installation, Construction and O/M Services" What is the rate of TDS?	Bidders are requested to undertake their own assessment of applicable taxes and duties for the purpose of bid submission
104	Volume-I	Section 8 - Special Conditions of Contract- 14) Taxes and Duties	(g) Income tax assessed in accordance with the prevailing Income Tax Act of Nepal and as per the provision of any specific Double Taxation Agreement, shall be imposed on the Contractor, its sub-contractors and nominated sub- contractors. An advance income tax as per the	Please confirm the deduction of withholding tax % for the following : a) Price Schedule 1 - Supplies from abroad. (supply invoices which are issued from India without Nepal VAT and to be paid through LC) b) Price Schedule 2 – Supplies from within Nepal. c) Price Schedule 3 – Design. d) Price Schedule 4 – Installation and construction	Bidders are requested to undertake their own assessment of applicable taxes and duties for the purpose of bid submission

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			prevailing income Tax Act and Finance Act shall be deducted from the monthly progress payment of the Contractor.		
105				Please clarify whether you can accept the type test report of Cape testing agency in China.	Bidders are requested to refer to Clause 2.5 of Section 3 of Volume I (Page 3-11) "The type test certificate shall have been issued by a reputed independent laboratory accredited by International Laboratory Accreditation Corporation (ILAC) or International Accreditation Forum (IAF) or other reputed accreditation agencies. In case the Type test certificate is not as per the requirement, the bidder shall, upon award of the contract, undertake to carry out the required Type test from an independent laboratory qualified as above or in a laboratory owned or nominated by the Client/Employer before delivery of the corresponding equipment at no extra cost to the Client/Employer."
106	Volume-I	Section 3- Evaluation & Qualification Criteria Cl. 2.5 (Subcontractors)	Type test certificate (Not applicable for PSC Poles) shall be included in the Bid and shall bear a date that is not earlier than five years from the date of Bid submission, unless otherwise stated in the Technical Specifications. The type test certificate shall have been issued by a reputed independent laboratory accredited by International Laboratory Accreditation Corporation (ILAC) or International Accreditation Forum (IAF) or other reputed accreditation	Our chargers are approved from NABL approved Lab i.e. Automotive Research Association of India (ARAI) . Pls confirm that is acceptable or not. Also, Pls confirm whether all the configurations mentioned in the tender should be approved from ARAI or not.	Bidders are requested to refer to Clause 2.5 of Section 3 of Volume I (Page 3-11) "The type test certificate shall have been issued by a reputed independent laboratory accredited by International Laboratory Accreditation Corporation (ILAC) or International Accreditation Forum (IAF) or other reputed accreditation agencies. In case the Type test certificate is not as per the requirement, the bidder shall, upon award of the contract, undertake to carry out the required Type test from an independent laboratory qualified as above or in a laboratory owned or nominated by the Client/Employer before delivery of the corresponding equipment at no extra cost to the Client/Employer."



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			agencies. In case the Type test certificate is not as per the requirement, the bidder shall, upon award of the contract, undertake to carry out the required Type test from an independent laboratory qualified as above or in a laboratory owned or nominated by the Client/Employer before delivery of the corresponding equipment at no extra cost to the Client/Employer. iv		
107	VOLUME – II	Employer's Requirements- 1. Scope of Work	b. Civil works associated with the erection of charger and transformer along with required HT line extension are within the scope of the bidder.	Please confirm there is no Substation Civil works for HT Line Extension	Any work related to HT including extension of HT lines from nearby 11 KV line will be the responsibility of bidders.
108	Volume-III	Price Schedules- Schedule No. 1: Equipment including Mandatory Spare parts to be supplied from abroad Note	Note 3) BoQ given above is indicative only based on the scope of works as given in Employer's Requirements. The quantities mentioned above may undergo change during detail engineering to meet the functional requirement and scope of work defined in Employer's Requirements.	Please confirm that any additional work/item for the HT extension as required shall be paid extra to the price schedule.	Any work related to HT including extension of HT lines from nearby 11 KV line will be the responsibility of bidders.
109	Volume-II	3.12.2. EVSE – CMS Communication	Communication interface: Reliable Internet connectivity	Internet connectivity at the site for EV chargers, at the CMS & control center provided by NEA Please confirm	In case cellular connectivity is opted, the NEA shall provide connectivity at the site of EV chargers, at the CMS & control center.
110	VOLUME – II	1. Scope of Work 1.(d)	Construction of 11 kV line from nearest available existing supply line up to the site location and making	(i) What is the Maximum length of 11kV line per EV Charging station? (ii) Please confirm NEA would provide the necessary regulatory approvals, Right-of-Way,	(i) Bidders may note that the maximum distance for 11 kV line is expected to be in the range of 300-500 meters for each charging station.



SN	Volume	Clause Number	Content of the RFP requiring clarification	Bidders queries	Response to bidder's queries
			necessary electrical connection to the EV charger including earthing as required.	Permits, License from respective local authorities for tapping into existing 11kV network (iii) Please provide Bill of Quantity (BoQ) 11kV/400V systems at each EV Charging station with single-line-diagram (iv) Please confirm whether the electrical works (substation, 11 kV line etc.) will be BOQ based.	(ii) NEA shall facilitate all statutory clearances, permits and approvals required for the purpose of installation of chargers in the specified location. However, bidders are requested to undertake their own due diligence. (iii) Bidders may note that the maximum distance for 11 kV line / point for HT tap form any Substation / Existing Line is expected to be in the range of 300-500 meters for each charging station. (iv) All electrical works and equipment will be BOQ based.
111	VOLUME – II	4.4.2 Painting	After phosphating, thorough rinsing shall be carried out with clean water, followed by final rinsing with dilute dichromate solution and even drying. The phosphate coating shall be sealed by the application of two coats of stoving type zinc chromate primer. The first coat may be "flash dried" while the second coat shall be stoved. After application of the primer, two coats of finishing synthetic enamel paint shall be applied, each coat followed by stoving.	As Zinc Chromate is highly toxic and banned in environment conservation point of view. In this regard please confirm if we can proceed as per the below procedure- For external surface one coat of Thermo Setting paint or one coat of epoxy primer followed by two coats of Polyurethane base paint. These paints can be either air drying or stoving. The color for the finishing paint shall be light gray as per shade 631 of BS 381C or as approved by Purchaser. The final finished thickness of paint film on steel shall not be less than 60 microns.	Bidders may consider BS EN ISO 2063 in place of BS 2569
112	VOLUME – II	Technical Particulars TABLE 1	Mounting : Platform	Please confirm whether platform means on platform of H-pole structure or any ground structure. If it is H-pole structure, please provide us mounting structure details to ensure mounting feasibility or provide us maximum allowed overall dimensions & weight details.	Bidders are requested to refer to Section C of Volume II (Page 151 onwards) which provides construction standards, drawings and material lists
113	VOLUME – II	Technical Particulars TABLE 1	Maximum allowable noise level at 3 meter hemispherical radius <44 dB	Maximum allowable noise level (As per NEMA TR1 standard) at 0.3 meter hemispherical radius <48 dB for up to 50kVA,	NO Change Suggested



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				<51 dB for above 50kVA & up to 100kVA, <55 dB for above 100kVA & up to 300kVA. Please confirm if we can proceed as per NEMA TR1 Standard.	
114	Volume-I	Section 8 - Special Conditions of Contract- 26) Completion Time Guarantee	26.2 Applicable rate for liquidated damages: 0.05 % of Contract Price per day of delay. Maximum deduction for liquidated damages: 10% of Contract Price	Please confirm no milestone LD is there w.r.t. 4.1. Contract Execution Schedule given in Vol II , Employer's Requirements, Page No. 149	The understanding of the bidder is correct. The completion time guarantee as per clause 26 of Section 8 of Volume I (Page 8-8) is for the whole facility and not for specific parts of the facility.
115	Volume-I	Section 8 - Special Conditions of Contract-13) Securities	13.3.3 During the defect liability period, the performance security as per clause 13.3.1 shall not be reduced on the date of the Operational Acceptance. 13.3.4 During extended defect liability period, the performance security shall be reduced to 10% of the value of the component covered by the extended defect liability to cover the Contractor's extended defect liability in accordance with the provision in the SCC, pursuant to GCC Subclause 27.10.	We understand the Performance Security can be reduced to 10% of the value of the component covered by the extended defect liability from the date of Operation Acceptance(DLP for the job) and starting of Extended DLP for the EVCS & Transformer. And in case reduction of Performance security the AMC Security of USD 250,000 (min.) to be submitted for 5 years. Please confirm	Bidders are requested to refer to: Clause 46 of Section 1 of Volume I (Page 1-25), which states that "Within 28 days of the receipt of notification of award from the Employer, the successful Bidder shall furnish the performance security.." Clause 13.3.1 of Section 8 of Volume I (Page 8-3), which states that performance security is 10% of the Contract Price. Clause 27.2 of Section 7 of Volume I (Page 7-36), which states that "The Defect Liability Period shall be 540 days from the date of Completion of the Facilities (or any part thereof) or 1 year from the date of Operational Acceptance of the Facilities (or any part thereof), whichever first occurs.." Clause 27 of Section 8 of Volume I (Page 8-8), which states that "The critical components covered under the extended defect liability are Electric Vehicle DC Fast Charging Unit and Distribution Transformer and the period shall be 5 (five) years." Clause 13.3.4 of Section 8 of Volume I (Page



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					<p>8-3), which states that "During extended defect liability period, the performance security shall be reduced to 10% of the value of the component covered by the extended defect liability to cover the Contractor's extended defect liability"</p> <p>Successful bidders are required to undertake comprehensive O&M for 5 years, for which AMC Security is required. Bidders are requested to refer to Appendix 1 of Schedule 9 of Volume I (Page 9-8), which states that, "After issuance of Operational Acceptance Certificate by the employer, contractor shall be entitled for payment of AMC for 5 years as quoted in the BoQ. However, to receive this payment for AMC the contractor must submit an unconditional bank guarantee (AMC Security)."</p> <p>Bidders are thereby requested to submit the amount of performance security and AMC security as per the terms of the bid document.</p>
116	Volume-I	Section 9 – Contract Article 3-Effective Date	3.1 Effective Date (Reference GCC Clause 1)	In case the Handing over of Land for Charger Installation is delayed more than 30 days after Effective date of Contract due to reasons not attributable to the Contractor, both the parties shall discuss and agree on Time for Completion and/or other relevant conditions of the Contract.	<p>Bidders are requested to refer to ITB 18.4(a)(i) of BDS of Volume I (Page 2-2), "...The exact sites for installation of chargers would be provided by NEA at the time of signing of contract..."</p> <p>Further, as per clause 3.1 of Section 9 of Volume I (Page 9-5), which states that, "The Effective Date upon which the period until the Time for Completion of the Facilities shall be counted from is the date when all of the following conditions have been fulfilled: (a) This Contract Agreement has been duly executed for and on behalf of the Employer and the Contractor..."</p>



SN	Volume	Clause Number	Content of the RFP requiring clarification	Bidders queries	Response to bidder's queries
					And, as per clause 3.2 of Section 9 of Volume I (Page 9-5), which states that, "If the conditions listed under 3.1 are not fulfilled within 2 months from the date of this Contract notification because of reasons not attributable to the Contractor, the parties shall discuss and agree on an equitable adjustment to the Contract Price and the Time for Completion and/or other relevant conditions of the Contract."
117	Volume-I	Section 3 - Evaluation and Qualification Criteria 2.5 Subcontractors	i) In case the Bidder is not a manufacturer of the Goods offered, the Bidder shall submit manufacturer's certificate authorizing the Bidder to supply the manufacturer's Goods. This certificate shall bear details of the Goods that the manufacturer will be supplying under the authorization. The authorization shall be on the manufacturer's original letterhead with seal/stamp of the manufacturer and valid contact details.....	We understand, no formal JV or Triparty agreement is required for offering equipment under this route. Please confirm.	The understanding of the bidder is correct
118	Volume-I	Section 3 - Evaluation and Qualification Criteria-1.3.4 Functional Guarantees of the Facilities	iv) The performance figures quoted by the bidder shall be guaranteed and shall become a part of the successful Bidder's Contract. The Distribution transformers will be rejected, if the measured component loss (individual no load and load loss) exceeds the guaranteed value by over 15% or the	This measurement also to be done during the test at vendor works as explained in clause no. iii) for penalty	Bidders are requested to refer to clause 4.5 Section A of Volume II (Page 42) for the specifications on tests



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			total losses (no load loss plus load loss) exceeds by over 10%. No tolerance shall be permitted on the quoted guaranteed value.		
119	Volume-I	Section 9 – Contract Forms Appendix 8 - Functional Guarantees	3. Functional Guarantees Subject to compliance with the foregoing preconditions, the Contractor guarantees as follows: 3.1 Production Capacity 3.2 Raw Materials and Utilities Consumption	For EVCS equipment if any functional guarantees to be given, kindly clarify.	Performance / functional requirements are provided Technical Data Sheet provided in Section-A of Volume II. SN 41-45 of (Page 34 and 35) provide the performance requirements for EVSE.
120	VOLUME – II	Employer's Requirements-1.2 Warranty of EV Fast Charging Stations during operation, Repair & Maintenance phase for the 5-year AMC period	<p>• i) Bidder shall make proper arrangements for stocking up sufficient materials at their store during the contract period for ensuring that any downtime (excluding the period of non-availability of power supply) shall be rectified within a period not exceeding 48 hours and also keeping minimum an uptime of 95% at any point of time throughout the contract period in close coordination with the employer. Bidder shall ensure that material supplied by them should not be a constraint in fulfilling these conditions, failing which the bidder shall be liable to be penalized by the employer.</p> <p>iv) If above conditions are not met by the bidder, employer reserves the right to make appropriate</p>	<ul style="list-style-type: none"> • Please confirm the Penalty amount or percentage and method of deduction for any variation in downtime/uptime. The tolerance also please specify. • Please specify any minimum no. of service centers to be set-up and locations • Any minimum buffer stock to be maintained, please also specify 	<p>Contractor shall be responsible for all operation & maintenance for the AMC period of 5 years. This will include minimum one (1) service centers as well as maintenance of buffer stock (if required). Bidders are required to make their own assessment for the same.</p> <p>Regarding AMC, Amendment will be issued soon.</p>

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			<p>deductions from payments.</p> <ul style="list-style-type: none"> • For Repair & Maintenance of chargers, the bidder has to set-up service centers at appropriate location(s). • There shall be the provision for buffer stock of spare parts to be maintained for its replenishment, opening of a representative office during warranty period and mechanism to ensure warranty clause during the entire period of contract. 		
121	Volume-III	Price Schedules- Schedule No. 4: Erection / Installation, Construction and O/M Services	Item 10: Comprehensive on-site extended warranty and AMC for a period of five years, UOM = LS	Payment procedure/schedule not clear, request to please pay the AMC charges monthly	<i>Amendment will be issued soon.</i>

