

Amendment No. 2

Ref: CESL/06/2022-23/EVCI/CCS2 Charger/222307005/Amdt-2

Date: 17.08.2022

To,
M/s
.....

Subject: Amendment No.2 “Selection of Bidder(s) for Location Survey, Planning, Design, Engineering, Supply, Installation, Testing, Commissioning and on-site warranty and 3-year comprehensive on-site warranty and AMC (extendable up to 10 years) for 80 nos. of CCS2 50/60 kW Electric Vehicle Chargers across multiple locations in India”

References:

1. NIT/Bid Document No. CESL/06/2022-23/EVCI/CCS2 Charger/222307005 Date: 22.07.2022
E tender-1895
2. Amendment No-1 dated 10.08.2022
3. Pre-bid meeting held on 29.07.2022 at 11:00 Hrs IST

Dear Sir/Madam,

The following Amendments(s) to above mentioned RfP are hereby authorized: -

1. The Clarification/Amendment has been placed at Annexure-A
2. The Bid Schedule mentioned in RfP/Tender Document is amended as below:

Sr. No.	Description/Query/Clarification	As per RfP and its subsequent amendments	Amended as
1.	Last date & time for downloading RfP from website	From 22.07.2022 to 22.08.2022 (Upto 14:00 Hrs) IST	Extended upto 25.08.2022 (Upto 14:00 Hrs) IST
2.	Online Bid Submission period	From 22.07.2022 to 22.08.2022 (Upto 14:30 Hrs) IST	Extended upto 25.08.2022 (Upto 14:30 Hrs) IST
3.	Techno-Commercial E-bid opening date & Time	From 22.07.2022 to 22.08.2022 (Upto 15:00 Hrs) IST	On 25.08.2022 at 15:00 Hrs IST

Other terms and conditions of subject tender remain unchanged.

Thanking You

Sd-/
For and on behalf of CESL
(A wholly owned subsidiary of EESL)



Annexure-A

S. No.	Section/Page/ Para/ Clause	Description As per PFP/ Subject	Queries/Clarification of Bidder	Remarks of Bidder	Amendment/Clarification from CESL
1	Section No. 1 Page No. 2 Clause No.	Bid Security and Tender Fee	central PSUs may be exempted from submitting Tender Fee and Bid Security.		No change as per RfP
2	Section No. 2 Page No. 19 Clause No. 2.1	<p>Period of Validity of Bid: Bids shall remain valid for a period of 90 days after the closing date prescribed by the CESL for the receipt of bids.....</p> <p>Part B: SI no 10: Validity of RFP: The RFP shall be valid for a period of 180 Days.</p> <p>Attachment-2 Bank Guarantee Note: ...The bank Guarantee validity date shall be 45 days after the last date for which the bid is valid.</p> <p>EMD : EMD to be valid upto 225 days from the date of techno-commercial bid opening.</p>	Kindly confirm the bid validity period.		Clarification: Bid Security/EMD should remain valid for a period of 45 days beyond the original bid validity period of 180 days, i.e., 225 days from the date of original techno-commercial bid opening date (i.e. 225 days from 10-08-2022). Bid validity is 180 days.
3	Section No. 4 Page No. 119 Clause No. 23	CONTRACT PERFORMANCE GUARANTEE The CPG should be valid for a period of 10 years + 3 months claim period.	Since major portion of contract value shall be executed upon installation and commissioning within 1 year itself, CPG value should reduce accordingly for the AMC period.		Amendment (replaced and inserted (whichever applicable) in Section 4, Part C, Clause No. 23): (i) The CPG should be valid for a period of 3 years + 3 months claim period. (ii) The CPG for Contract Value of Price Schedule 2 (A) shall be submitted by Selected Bidder(s) at the end of 3 years and before the expiry of the Original CPG submitted for a period of 3 years + 3 months claim period, for the quantity which were confirmed by CESL for comprehensive on-site extended warranty and AMC, for a period of seven years (4th year to 10th year). The validity of the CPG should be 7 years + 3 months claim period.
4	Section No. 4 Page No. 114 Clause No. 7(1)	<p>Supply of charging equipment : Within 30 days of issuance of Confirmatory Purchase Order / Release Order / Indent</p> <p>Annexure A; The quantity taken in the Price Bid is indicative in nature and the payments would be made for actual number of EV chargers and accessories required</p>	It may please be appreciated that currently semiconductor components are having very long lead time. Bidder shall be required to stock certain amount of components to meet the delivery schedule. Hence it may please be confirmed that confirmatory POs for minimum 80 nos. chargers shall be placed over 1 year period (or as extended) . Further 60 days may be given for supply of charging equipment from issuance of Confirmatory Purchase Order / Release Order / Indent		<p>Clarification: The quantity taken in the Tender is indicative in nature and the payments would be made for actual number of EV chargers and accessories required, which shall be informed to the Selected Bidder(s) through confirmatory Purchase Order / Release Order / Indent.</p> <p>Amendment in Section 4, Part B, Clause No. 13, S. No. 2: Delivery has to be done within 45 days from the date of confirmatory Purchase Order / Release Order / Indent issued by Engineer-in-Charge of CESL, for each project location, PAN India.</p> <p>Amendment in Section 4, Part C, Clause No. 7, S. No. 1 & 2 both, Service Level Requirement: Within 45 days of issuance of Confirmatory Purchase Order / Release Order / Indent</p>
5	Section No. 4 Page No. 114 Clause No. 7(2)	Installation and Commissioning of Charging equipment : 0.5% penalty on pro rata basis on the supply value and its applicable GST (Price Schedule 1: Component, 2, 3 & 4) of the delayed quantity, for every one week's late delivery or part thereof, subject to a maximum cap of 5% of the value of the Confirmatory PO	<p>May be amended as:</p> <p>0.5% penalty on pro rata basis on the I&C value and its applicable GST (Price Schedule 1: Component B) of the delayed quantity, for every one week's late delivery or part thereof, subject to a maximum cap of 5% of the value of the Confirmatory PO</p>		<p>Amendment in Section 4, Part C, Clause No. 7, S. No. 2, Penalty: 0.5% penalty on pro-rata basis on the Contract Value, (Price Schedule 1: Component A, B and C) of the delayed works/services, for every one week's late works/services or part thereof, subject to a maximum cap of 5% of the value of the confirmatory purchase order / release order / indent.</p> <p>Amendment in Section 4, Part C, Clause No. 3, Liquidated Damages: No Change as per RfP</p>



Signature :-
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MANAGEMENT, O=ENERGY EFFICIENCY SERVICES LIMITED, C=IN
User ID : mahendra.singh
Serial No : 1318300
PB : a.bhattacharya(Ashim Bhattacharya)
Date : 17-08-2022

S. No.	Section/Page/ Para/ Clause	Description As per PFP/ Subject	Queries/Clarification of Bidder	Remarks of Bidder	Amendment/Clarification from CESL
6	Section No. 5 Page No. 96 Clause No. 5(e)	-Meter box with MCCB/MCB with necessary CTs, meter stand/wall & foundation works for meter box. - Electrical connection (including cable, lugs and other accessories with necessary civil work) from charger to designated meter cum distribution box (including single/multiple earthing's/earth pit construction as per above mentioned guidelines, rules and regulations), are in the scope of the Selected Bidder(s).	We understand that suitable LT power supply as income to Meter Box shall be arranged by CESL. Meter shall be arranged by CESL. There will be one separate meter box for each EV charger. CT/ PTs may be arranged by CESL along with meter. Further max distance of meter box from EV Charger shall be 5 meters. Please confirm.		Clarification/Amendment in Section 4, Part B, Clause No. 5, S. No. (e): LT power supply shall be arranged by CESL or its Client, however, the scope of electricity connection from the nearest incomer till Meter Box shall be in the scope of Selected Bidder. Meter shall be arranged by CESL or its client. One separate meter box for each EV charger along with required CT/PT, if required is to be supplied by the Selected Bidder(s), along with required MCCB/MCB, meter wall mount or meter stand (along with required foundation work for meter box) Distance from meter box to EV charger shall generally be 5 meters. However, depending upon site conditions, the cable requirement may increase and scope also include cabling from incomer to meter box as well. In such cases, the Selected Bidder(s) shall be issued additional Purchase Order / Release Order / Indent, for supply, transportation, installation & commissioning of required cable, as per Price Schedule 2, Component D.
7	Section No. 5 Page No. 100 Clause No. 6.2(g)	Output Current: 200A DC	For 50 KW DC output EV Charger, this should be in range of 100 A. Please check		Amendment in Section 4, Part B, Clause No. 6.2, S. No. (g): Output Current: 125A
8	Section No. Annexure-II Page No. 122 Clause No. 2	Bidder should be a manufacturer of EV chargers for at least 3 years (as on the date of publication of the tender). For start-ups, it should be in existence from last financial year i.e., FY 2021-22	It may please be noted that Offboard DC Charger is typically a power electronic and control equipment. Hence bidders engaged in manufacturing of power electronics equipments like AC-DC Converter/ Traction Converter etc for atleast 3 years may be considered. Accordingly Factory License/ ISO Certificates/ GST Certificate for power electronics equipments may be considered.		No change as per RFP
9	Section No. Annexure-II Page No. 122 Clause No. 3	Bidder should have successfully supplied at least 24 CCS2 EV Chargers of 50KW or above in the last 3 years in any Government Dept./ PSU/ ULB/ DISCOMS/ Private Limited Companies (as on the date of publication of the tender).	Since the market for 50 kw or above rating charger is currently evolving, this may please be relaxed as: Bidder should have successfully supplied atleast 24 nos. DC Chargers or/and DC Fast Chargers/ or similar power electronics products (like AC-DC/ DC-DC converters etc) in the last 3 years in any Government Dept./ PSU/ ULB/ DISCOMS/ Private Limited Companies (as on the date of publication of the tender). Further to establish credentials, following may be asked additionally Bidder must have secured a Supply order for atleast 24 nos. CCS2 EV Chargers of 50KW or above as on the date of bid submission from a govt. agency/ PSU. Bidder to furnish PO/ LOA in support of same.		Amendment in Section 4, Annexure-II, S. No. 3, Parameter: Bidder should have successfully manufactured and supplied a cumulative quantity of atleast 24 nos. of CCS-II EV chargers of 50 kW or above in any Government Dept./ PSU/ ULB/ DISCOMS/ Private Company, in the last 3 years (as on the date of publication of the tender). In case of Start Ups and MSME, requirement shall be 25% of total experience as required for general bidders, subject to terms and conditions mentioned in Section 2 and elsewhere in the RFP. (In case the bidder does not meet this qualification requirements on its own, it can quote on the basis of experience of its Subsidiary (ies) and/or Holding Company and/or Subsidiary (ies) of its Holding Company and/or Promoter/Promoter Group Companies (including its Holding and Subsidiary Company). In such a case the consolidated experience of Bidder and/or such other companies as above shall be considered, as applicable). In case of holding company, the holding subsidiary relationship should be in existence for at least one year as on the date of bid submission.)



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10	Section No. 5 Page No. 107 Clause No. 7 (ii)	Selected Bidder(s) has to compulsorily submit charger sample for charger to ARAI for conformance testing, as per CESL's specifications. The cost of the testing shall be borne by the Selected Bidder(s). The Testing may be witnessed by the CESL officials.	Since ARAI certification is a lengthy and time taking process, it is requested that type test certificates of a Higher rating Charger having additional features/ guns in addition to atleast one no. 50 KW CCS gun may be accepted.		Amendment in Section 4, Part B, Clause No. 7, S. No. (ii): Stands deleted. Amendment in Section 4, Annexure-II, S. No. 6: Parameter: Type test report of minimum 50 kW CCS-II EV charger OR Type Test report of a higher rating EV charger, having at least 1 no. of minimum 50 kW CCS-II gun.
11	Section No. - 4.B Page No. - 101 Para No/Clause No. - 6.3.a	The AC Supply System should be 3-Phase, 5Wire AC System (3PH+N+E) nominal input voltage is 415V (±15%). There should be provision in the charger to set the input voltage range to ±20% of nominal input voltage	The input voltage range of ±20% is not possible with limitation in many of electrical components in the charger like rectifier module, Meters etc.,		Amendment in Section 4, Part B, Clause No. 6.3, S. No. (a) (1): The AC supply system should be 3-phase, 5 wire AC system (3Ph+N+E) with nominal input voltage as 415 V ± 10%. The line "There should be a provision in the charger to set the input voltage range to ±20% of nominal input voltage" stands deleted.
12	Section No. - 4.B Page No. - 102 Para No/Clause No. - 6.5.d	The charging gun must have a feature to sound a loud alarm in case of any tampering done on the charging cable and the gun must be tamper proof	Not complies. As per IEC 62196-3 standard these features are not part & not able to comply by any of the charging gun manufacturer		Amendment in Section 4, Part B, Clause No. 6.5, S. No. (d): Stands deleted
13	Section No. - 4.B Page No. - 102 Para No/Clause No. - 6.8.c	Display Impact: As Per IEC 60068-2-75: 2014	Not Complies any mechanical impact for display		Clarification: No change.
14	Section No. - 4.B Page No. - 105 Para No/Clause No. - 6.14.5	Support Langue- English (With provision for additional regional languages including hindi & regional language)	Complies only with English Language. Other languages are not possible in display	Please consider for only English language for the display	Amendment in Section 4, Part B, Clause No. 6.14, S. No. (5): Support Language - English.
15	Section No. - 4.B Page No. - 110 Para No/Clause No. - 10	Validity of RFP for 180Days	Due dynamic changes in material price keeping the prices firm for 180 Days would be difficult. Request to reduce this duration		Clarification: No change.
16	Section No. - Annexure-II Page No. - 122 Para No/Clause No. - 2	Bidder should be a manufacturer of EV chargers for at least 3 years (as on the date of publication of the tender). The Bidder should submit an Excise Registration Documents/ GST to support that they are Manufacturers of EV chargers and valid factory license under Indian Factories Act, 1948 or any amendment thereof.	Can we participate through an Associate Company/ Company from the same group have same directors and board members	Request to allow for participation through a group company/ associate company even if the participating company is not a manufacturer	No change as per RfP
17	Section No. - Annexure-II Page No. - 122 Para No/Clause No. - 3	Bidder should have successfully supplied at least 24 CCS2 EV Chargers of 50KW or above in the last 3 years in any Government Dept./ PSU/ ULB/ DISCOMS/ Private Limited Companies (as on the date of publication of the tender).	Request to please relax the installations for any EV charger rather than only 50kW+ chargers. Please allow for supplied/ installed 3000kW EV chargers without a restriction on the type of EV Charger (ACandDC)		Amendment/Clarification: As amended/clarified above.
18	Section No. - Annexure-II Page No. - 122 Para No/Clause No. - 6	Type Test Reports of minimum 50kW CCS2 Electric Vehicle Chargers The Bidder(s) must compulsorily submit type test reports	Please allow for a declaration for supply of ARAI certified chargers and submission of ARAI certificate before the supplies		Amendment/Clarification: As amended/clarified above. Further, declaration or proof for submission to NABL accredited lab shall not be accepted.
19	Section No. 4 Page No. Para No./ Clause No. 6.1 (Brief)	When One EV is connected, the CCS2 charger connector/gun should be able to dispense full 100% output of minimum 50kW to EV	Exicom can provide 60 kW DC charger with same feature		No clarification/amendment warranted by Bidder.
20	Section No. 4 Page No. Para No./ Clause No. 6.3 (Input Requirements)	Battery back-up: The Input supply system should have a battery backup for minimum 1 hour for control and billing unit. The battery should be of high quality, and should have a life of 10 years. The data logs should be synced with CMS during back-up time, in case battery drains out	Battery comes with a life of 2 years		Amendment in Section 4, Part B, Clause No. 6.3, S. No. (b): Battery back-up: The Input supply system should have a battery backup for minimum 1 hour for control and billing unit. The battery should be of high quality and replacement of battery during the AMC period (and/or extended AMC period) shall be in the scope of the Selected Bidder(s). The data logs should be synced with CMS during back-up time, in case battery drains out.
21	Section No. 4 Page No. Para No./ Clause No. 6.4 (Output Requirements)	Converter Efficiency: > 95% (10-100% load) for Input Voltage Range (415V ± 15%)	Complied with ≥95% for 50% ≤ load ≤ 100% at Nominal IP Voltage		Amendment in Section 4, Part B, Clause No. 6.4, S. No. (c): Converter Efficiency: > 94% (50-100% load) for Nominal Input Voltage 415V ± 10%



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22	Section No. 4 Page No. Para No./ Clause No. 6.5 (Cable Requirements)	Connector must be in accordance with IEC 62196-3 with a voltage range up to 1000V (DC). DC connector must have silver-plated power contact with replaceable mating frame for replacement of only plastic frame and have two temperature sensors for measurement of temperature for both the power contacts (DC+ and DC-). Connector must fulfil IATF 16949 automotive standard and ISO 9001 must be tested by ARAI as Indian atmospheric condition or at an ambient temperature of 50degC. –	Conductor fulfills IEC 62196-3:2014 standards with ambient temperature rating -30 to 50 deg cel.		Amendment in Section 4, Part B, Clause No. 6.5, S. No. (c): Connector must be in accordance with IEC 62196-3 with a voltage range up to 1000V (DC). DC connector must have silver-plated power contact with replaceable mating frame for replacement of only plastic frame and have two temperature sensors for measurement of temperature for both the power contacts (DC+ and DC-). Connector must be tested by ARAI with ambient temperature of 30 to 50 deg C.
23	Section No. 4 Page No. Para No./ Clause No. 6.5 (Cable Requirements)	The charging gun must have a feature to sound a loud alarm in case of any tampering done on the charging cable and the gun must be tamper proof	Deployment of this feature is under roadmap		Amendment/Clarification: As amended/clarified above.
24	Section No. 4 Page No. Para No./ Clause No. 6.8 (Mechanical Impact)	As per IEC 61851-1 Section 11.11.2.	There is no section as 11.11.2 as per IEC 61851. Our charger complies with as per IEC 62262 (Referred to IEC 61851, page no. 46 and 138)		Amendment in Section 4, Part B, Clause No. 6.8, S. No. (b): Mechanical Impact: As per IEC 62262
25	Section No. 4 Page No. Para No./ Clause No. 6.8 (Display Impact)	As per IEC 60068-2-75:2014.	Display has been provided IK08 rating. Physical damage not covered.		Clarification: No change.
26	Section No. 4 Page No. Para No./ Clause No. 6.8 (Mechanical Stability)	As per section 11.11.2 of IEC 61851-1	Need clarification		Amendment in Section 4, Part B, Clause No. 6.8, S. No. (d): Stands deleted.
27	Section No. 6 Page No. Para No./ Clause No. 6.8 (Locking Arrangement)	Locking Arrangement: Three-point key lock key arrangement or better arrangement AND pad lock arrangement with supply of pad lock of minimum 8mm shackle thickness with minimum 2- key arrangement	Complied with three point key lock key arrangement. Cost for Pad-Lock would be extra		Amendment in Section 4, Part B, Clause No. 6.8, S. No. (g): Locking Arrangement: Three-point key lock arrangement or better arrangement and pad lock arrangement to be provided by the Selected Bidder(s).
28	Section No. 4 Page No. Para No./ Clause No. 6.9 (Protection Requirement)	As per IEC 61851	Clause no 8.4, IEC 61851 - Mode 4 EV supply equipment shall provide either: a) a protective earthing conductor from the input earthing terminal of the AC supply network to the EV or b) a protective conductor from the EV supply equipment to the EV if fault protection is based on electric separation.		No clarification/amendment warranted by Bidder.
29	Section No. 4 Page No. Para No./ Clause No. 6.9 (Protection Requirement)	The Sub-panel must be protected with Type-1 SPD based device in accordance with IEC 61643- 12 standards. SPD should be pluggable type (both L-N & N-PE) for ease of maintenance and have optics indication for fault detection along with remote monitoring feature. SPD should have surge handling capacity of (10/350us) – 100kA nominal. Device must have third-party certification of KEMA-KEUR and UL.	We provide Class C SPD integrated inside the charger		Amendment in Section 4, Part B, Clause No. 6.9, S. No. (a): The EV charger must be protected with Class C, Type-1 Surge Protection Device (SPD) in accordance with IEC 61643- 12 standards. SPD should be pluggable type (both L-N & N-PE), for ease of maintenance and have optics indication for fault detection along with remote monitoring feature. SPD should have surge handling capacity of (10/350us) – 100kA nominal. Device must have third-party certification of KEMA-KEUR and UL..
30	Section No. 4 Page No. Para No./ Clause No. 6.9 (Protection Requirement)	The requirement of external lightning protection and surge protection are as per IS/IEC 62305 (Part 01 to 04), IEC 61643-12 standards and in CEA regulations.	Our surge protection device complies with IEC 61643-1 DIN EN 61643-11/A11		Amendment in Section 4, Part B, Clause No. 6.9, S. No. (a): The requirement of external lightning protection and surge protection should be as per IEC 61643-1 DIN EN 61643-11/A11 standards and/or as per CEA regulations.
31	Section No. 4 Page No. Para No./ Clause No. 6.10 (Specific Requirements)	The charger should have inbuilt functionality to store the charger down-time logs for at least 6 months. These logs should clearly specify the nature of down-time i.e., either due to mains power failure, SPD failure or emergency condition, or etc. The charger should be capable to transmit the same data to the CMS	Complied with Max 5000 historical alarm records. These logs clearly specify the nature of downtime and transmit the same data to CMS.		Amendment in Section 4, Part B, Clause No. 6.10, S. No. (g): The charger should have inbuilt functionality to store minimum 1000 nos. of latest charger down-time logs. These logs should clearly specify the nature of down-time i.e., either due to mains power failure, SPD failure or emergency condition, or etc. The charger should be capable to transmit the same data to the CMS.



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32	Section No. 4 Page No. Para No./ Clause No. 6.11 (Functional Requirements)	Voltage measurement: $\pm 0.2\% > 50V, \pm 0.5\% < 50V$ Current measurement: $\pm 1 A$	Complied as per IEC 61851/AIS Part II		No clarification/amendment warranted by Bidder.
33	Section No. 4 Page No. Para No./ Clause No. 6.12 (Communication Requirements)	VIN transfer from charger to vehicle during charging session (where supported in the hardware protocol)	VIN option is not available for CCS 2 only available with Gb/T protocol		Amendment in Section 4, Part B, Clause No. 6.12: "VIN transfer from charger to vehicle during charging session (where supported in the hardware protocol)" stands deleted.
34	Section No. 4 Page No. Para No./ Clause No. 6.10 (Specific Requirements)	EMI/EMC as per IEC 61000 for the complete unit.	Comply as per IEC 61000 but certificate is available for standard product 142 kW charger.		Amendment/Clarification: As amended/clarified above.
35	Section No. 4 Page No. Para No./ Clause No.5 (m) (Baranding)	The life expectancy of the branding should be 10 years.	Since branding depends on lot of factors, its life expectancy should be reduced to 3-5 years		Amendment in Section 4, Part B, Clause No. 5, S. No. (m) and Clause No. 6.15 (1): The life expectancy of branding, labels and stickers should be 3 years from the date of commissioning. Any damage (except physical) to the branding due to any factor during the AMC period (and/or extended AMC period) shall be in the scope of the Selected Bidder(s).
36	Section No. 4 Page No. Para No./ Clause No.5 (e) (Electrical Work)	Meter box with MCCB/MCB with necessary CTs, meter stand/wall & foundation works for meter box.	It should be intimated in advance before placing the PO about the type of mounting required for meter box for any particular location(s) to avoid delay during manufacturing and transportation.		Clarification: Refer to Section 4, Part B, S. No. 5 (b) Location Survey. It shall be in the Selected Bidder(s) scope to assess which type of mounting is required for meter box for the particular location, during location survey.
37	Section No. 3 Page No. Para No./ Clause No 18.6 (18.6 Maintenanceof Records of Weekly Progress Review meeting at Site)	The Contractor shall be required to attend all weekly site progress review meetings organised by the 'Project Manager' or his authorised representative.	Weekly review would not be possible in case the charger locations are out of Delhi NCR. A quarterly review or review on online video conferencing can be done if it suits.		Amendment in Section 4, Part B, Clause No. 5, S. No. (j): The following clause is inserted "The Selected Bidder(s) is required to attend routine progress review meetings, either physically or virtually, organized by the CESL Engineer-in-Charge (EIC) or its authorized representative."
38	Section No. 4 Page No. Para No./ Clause No.5 (e) (Electrical work)	Minimum 5 meters length of 4 core 35 sq mm armoured copper cable, suitable for 50kW EV charger. If the minimum length of cable is not consumed on site at each location, then the unused cable can be utilised in the other sites without any additional cost by CESL.	Max length of the cable to be supplied at one location should also be specified.		Clarification: Refer to Section 4, Part B, Clause No. 5, S. No. (b) Location Survey. It shall be in the Selected Bidder(s) scope to assess actual length of cable required at the particular location. Separate PO/RO/indent shall be issued to the Selected Bidder(s) after submission of location survey report, based on the location survey report, duly counter-signed by CESL or its Client.
39	Section No. 4 Page No. Para No./ Clause No.5 (e) (Electrical work)	Cable laying, proper routing keeping the aesthetic of the locations and safety, restoration, etc with necessary arrangements as per site requirements	Major or high cost civil or electrical work / restoration like road cutting, concrete cutting, brass glanding etc. should not be considered in the bid cost		Amendment in Section 4, Part B, Clause No. 5, S. No. (e): The following clause is inserted "Wherever road cutting, concrete cutting and/or brass glanding is involved, it shall not be in the scope of the Selected Bidder(s)"
40	Section No. 4 Page No. Para No./ Clause No.5 (e) (Electrical work)	Meter box with MCCB/MCB with necessary CTs, meter stand/wall & foundation works for meter box.	Specification of MCB/MCCB required needs to be mentioned		Amendment in Section 4, Part B, Clause No. 5, S. No. (e): The following clause "Selected Bidder to use reputed brands/make of electrical cable, parts or components" is re-worded as "Selected Bidder to use reputed brands/make and superior market level technical specifications for electrical cable, parts or components"
41	Section No. 4 Page No. Para No./ Clause No.5 (e) (Electrical work)		Any additional electro-mechanical requirement asked by local DISCOM, apart from the MCB/MCCB installed by Exicom should be provided by CESL or the DISCOM		Amendment in Section 4, Part B, Clause No. 5, S. No. (e): The following clause is inserted "Any additional electro-mechanical requirement asked by local DISCOM or Client, apart from MCB/MCCB and CT/PT, if required, shall be provided by CESL or its Client"
42	Section No. 4 Page No. Para No./ Clause No.5 (e) (Electrical work)		CESL EIC or Project Manager should help in getting CTs tested and in other areas where liasioning with Govt agencies is required		Clarification: Refer to Section 4, Part B, Clause No. 5, S. No. (i) Permits & Approvals.
43	Section No. 4 Page No. Para No./ Clause No.5 (e) (Electrical work)	<input type="checkbox"/> Earthing must be per CEA guidelines/regulations (latest Amendments) and as per Indian Electricity Rule 1956 Section 61 and as per IS 3043 (1987) (Latest amendments), National Electricity Code – 1985 of BIS as per site requirement & nature	The type of earthing required should be clearly mentioned and in simpler terms.		Clarification: No change.



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S. No.	Section/Page/ Para/ Clause	Description As per PFP/ Subject	Queries/Clarification of Bidder	Remarks of Bidder	Amendment/Clarification from CESL
44	Section No. 4 Page No. Para No./ Clause No.5 (6) (Storage)	Storage for supplies, servicing warranty redemptions is in the scope of work of the Selected Bidder(s).	In case of delay in I&C of charger after survey and allocation of location, arising due to factors not governed by Exicom, but governed by CESL, DISCOM or any other body, CESL should provide a safe location to store the accessories and components required for I&C of chargers		Amendment/Clarification: The said clause refers to storage of supplies at city level, district level, state level and/or zone level, for prompt AMC/warranty is in the scope of the Selected Bidder(s). However, in case of any delay in I&C of charger not in control of the Selected Bidder(s), CESL shall arrange storage of components for I&C of such chargers.
45	Section No. 4 Page No. Para No./ Clause No.5 (l) (permits & Approval)	All the necessary permits and approvals (except goods transport vehicular movement), if any, required for successful commissioning of the EV charging station shall be in the scope of CESL	In case of loss of material from site, required for I&C, in the condition where I&C is delayed due to permission, unavailable load or any other issue not governed by Exicom but CESL, the material/cost of material should be compensated by CESL.		Amendment/Clarification: As amended/clarified above.
46	Section No. 3 Page No. Para No./ Clause No.22.7 Watching & Lightening	The Implementing Partner shall provide and maintain at its own expense all lighting, fencing, and watching when and where necessary for the proper execution and the protection of the Facilities, or for the safety of the owners and occupiers of adjacent property and for the safety of the public.	Need to elaborate the term watching.		Clarification: The term watching means security. However, clauses mentioned in Section-2 and Section-3 are generic in nature, and all of them do not apply to this RfP.
47	Section No. 4 Page No. Para No./ Clause No.5 (e) (Electrical work)	General	Joint survey between the Exicom, CESL and DISCOM team should be done for the site where charger installation is planned.		Clarification: Refer to Section 4, Part B, Clause No. 5, S. No. (b) Location Survey.
48	Section No. 4 Page No. Para No./ Clause No.5	General	Formalities regarding permission, land permissions, permission for cutting charging etc should be made beforehand survey for the site is conducted.		Amendment in Section 4, Part B, Clause No. 5, S. No. (b) Location Survey: Following clause is inserted: "The location survey and assessment report should include all permissions required by the Selected Bidder(s) for carrying out the installation and commissioning work."
49	Section No. 4 Page No. Para No./ Clause No.5	General	Power/Load to commission the charger should be already available in order to commission the charger in single visit and avoid multiple visits		Clarification: Bidder to electronically confirm power/load availability from CESL or its Client, before visiting site for commissioning, in order to avoid multiple visits.
50	Section No. 4 Page No. Para No./ Clause No.5	General	In case the power is not available to energize the charger, the date of AMC Warranty should be considered from the date of installation of charger.		Amendment: Date of commissioning is defined as "The date on which the EV charger is energized and is available in working condition".
51	Section No. 4 Page No. Para No./ Clause No.5	General	In case location for installation is not available with CESL, or in case of any location dispute, the CESL should ensure safe storage of equipment and its auxiliary supplies and payment for commissioning.		Amendment/Clarification: As amended/clarified above.
52	Section No. 4 Page No. Para No./ Clause No.5	General	The canopy supplied with EV charger should not be covered under the 3 years Comprehensive AMC warranty		Clarification: No change.
53	Section No. 4 Page No. Para No./ Clause No.5	General	Complaints related to power failures/input power unavailable/tempering/cable cut / surge-spike at input and similar issues not to be covered under Comprehensive AMC warranty.		Amendment in Section 4, Part B, Clause No. 5, S. No. (k): Following clause is inserted "Rectification of complaints such as power failure, input power unavailable, tempering and cable cut are not covered under on-site warranty and AMC.
54	Section No. 4 Page No. Para No./ Clause No.5	General	In support language, multiple language support if possible should be restricted to only English language.		Amendment/Clarification: As amended/clarified above.
55	Section No. 4 Part C Page No. Para No./ Clause No.1 (ii) Payment Schedule	"Part A of Schedule 1: 70% of the component A along with 100% of GST of the supply value, on pro-rata basis, on receipt of material at site..... Based on the actual site requirement these items shall be supplied by selected bidder."	"We request for simpler payments terms with the below mentioned weightage: a) 90% on Supply of Equipment. b) 10% on I&C."		Clarification: No change.



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56	Section No: Annexure-II Page No: 122Para No/ Clause No:3	Bidder should have successfully supplied at least 24 CCS2 EV Chargers of 50KW or above in the last 3 years in any Government Dept/ PSU/ULB/DISCOMS/ PRIVATE LIMITED COMPANIES (as on the date of publication of the tender)	Is this condition applicable for MSME also. What is the criteria for selecting 24 Chargers? We are manufacturer of Battery Chargers for Indian Railways for 20 years		Amendment/Clarification: As amended/clarified above.
57	Section No: Annexure-II Page No: 123 Para No/ Clause No: 6	Type Test Reports of minimum 50KW CCS2 Electric Vehicle Chargers. The Bidder(s) must compulsorily submit type test reports from the recognized certification agencies such as ARAI or ICAT or equivalent agencies in India at the time of bidding.	Can we get the Charger tested from NABL accredited Lab for the test parameters as specified under this section? Can we give proof for submission of charger to Lab for testing before bid date and submit test report later on.		Amendment/Clarification: As amended/clarified above. Further, declaration or proof for submission to NABL accredited lab shall not be accepted.
58	In the pointer no. 3 on page 122, the following has been stated:	Bidder should have successfully supplied at least 24 CCS2 EV Chargers of 50 KW or above in the last 3 years in any Govt. Dept ,PSU/ULB/Discom/Private Limited Companies (as on the date of the publication of this tender)	"As there are various upcoming start-ups in the Electric Vehicle field started in 2021- 22 financial year which have ongoing works, henceforth we request you to remove this clause in the eligibility criteria in order to ensure the fair participation in accordance with the CVC guidelines. Similar tenders have been floated by IOCL and other reputed companies in the past which have given the relaxation on such criteria to startups at all times."		Amendment/Clarification: As amended/clarified above.
59	In the pointer no. 4 on Page 122, it has been stated:	The Bidding Entity (ies) should have an average Annual Turnover (ATO) of INR "5,24,70,000 in last three financial years i.e., FY 2019-20, FY 2020-21 & FY 2021-22 In case Audited Financial statement of FY 2021-22 is not available, then Bidding Agency (ies) may alternatively provide Audited Financial statement of FY 2018-19, FY 2019-20, FY2020-21. In this case, Avg. ATO for the Financial year FY 2018-19, FY 2019-20, FY 2020-21 shall be considered."	"We request you to give the relaxation to startups against this criteria as various capable start-ups launched in 2021-22 financial year have ongoing works and will be unable to match the above mentioned criteria. We would request you to add the above in the eligibility criteria in the above mentioned point in order to ensure the fair participation in accordance with the CVC guidelines."		Clarification: Section-2 clause 2.4 (Benefit given to startup/MSE's may be referred.)
60	In the pointer no. 2 on Page 4, it has been stated:	The bidder(s) must compulsorily submit type test reports from the recognized certification agencies such as ARAI or ICAT or equivalent certification agencies in India, at the time of bidding.	We would request you to add Bidder/its OEM to compulsorily submit type test reports from recognized agencies in the eligibility criteria in the above mentioned point in order to ensure the fair participation in accordance with the CVC guidelines.		Clarification: No change.
61	Technical Specs (g)	Output Current: 200A DC	Complied with 125A as per 50kW-60kW. Please confirm your acceptance		Amendment/Clarification: As amended/clarified above.
62	4.3. INPUT REQUIREMENTS a) Rating of the AC supply voltage	The AC supply system should be 3-Phase, 5 Wire AC system (3Ph+N+E) Nominal Input Voltage is 415V (+15% and -15%). There should be provision in the charger to set the input voltage range to ±20% of nominal input voltage.	Complied with +/- 10% (370VAC - 440VAC) as per IS 12360 Please confirm your acceptance		Amendment/Clarification: As amended/clarified above.
63	4.4. OUTPUT REQUIREMENTS	The CCS 2.0 chargers should allow charging of vehicle with power 50 kW, maximum up to 60kW.	Complied with 3 Phase, 400 Vac (360 ~ 440 Vac), 50Hz as per IS12360 Please confirm your acceptance.		Amendment/Clarification: As amended/clarified above.
64	4.4. OUTPUT REQUIREMENTS	Output current: 200A	Complied with 125A as per 50kW-60kW Please confirm your acceptance.		Amendment/Clarification: As amended/clarified above.
65	4.4. OUTPUT REQUIREMENTS	Converter Efficiency: > 95% (10-100% load) for Input Voltage Range (415V ± 15%)	Complied with >94% Efficiency Please confirm your acceptance.		Amendment/Clarification: As amended/clarified above.
66	4.4. OUTPUT REQUIREMENTS	The standby power of charger should be <50W.	Complied with <70W Please confirm your acceptance.		Amendment in Section 4, Part B, Clause No. 6.4, S. No. (f): The standby power of charger should be less than 70 Watts.



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67	4.5. CABLE REQUIREMENTS	Connector must be in accordance with IEC 62196-3 with a voltage range up to 1000V (DC). DC connector must have silver-plated power contact with replaceable mating frame for replacement of only plastic frame and have two temperature sensors for measurement of temperature for both the power contacts (DC+ and DC-). Connector must fulfil IATF 16949 automotive standard and ISO 9001 must be tested by ARAI as Indian atmospheric condition or at an ambient temperature of 50degC.	Replaceable mating frame is under discussion with gun manufactured. In current design its not feasible to replace to mating frame. Please confirm your acceptance.		<u>Amendment/Clarification:</u> As amended/clarified above.
68	4.5. CABLE REQUIREMENTS	The charging gun must have a feature to sound a loud alarm in case of any tampering done on the charging cable and the gun must be tamper proof.	Currently this feature is not implemented from gun manufactured side, point under discussion with vendor. Please confirm your acceptance		<u>Amendment/Clarification:</u> As amended/clarified above.
69	4.10 Specific Requirement	g) The charger should have inbuilt functionality to store the charger down-time logs for at least 6 months. These logs should clearly specify the nature of down-time i.e., either due to mains power failure, SPD failure or emergency condition, or etc. The charger should be capable to transmit the same data to the CMS.	Complied to store max 1000 logs. Please confirm your acceptance.		<u>Amendment/Clarification:</u> As amended/clarified above.
70	4.12 Communication Requirement	Auto-Reboot via SMS and Timing	Timing basis complied. SMS based not required because there is multiple cards in the charger so it is not possible to reboot every card via SMS. Please confirm your acceptance.		<u>Amendment in Section 4, Part B, Clause No. 6.12:</u> "Auto-Reboot via SMS and Timing" is changed to "Auto-Reboot via Timing"
71	Other Requirements:	PCB/PCA/Card/rectifier replacement notification to be transmitted to CMS through Status Notification packet.	Components replacement notification not available in status notification. Components will be replaced only after once its damaged or faulty. User can see it through display only. Please confirm your acceptance.		<u>Amendment in Section 4, Part B, Clause No. 6.12:</u> "PCB/PCA/Card/rectifier replacement notification to be transmitted to CMS through Status Notification packet." stands deleted.
72	4.14. User Interface	Display messages Standby loses: Consumption units	Not Complied Please confirm your acceptance.		<u>Amendment in Section 4, Part B, Clause No. 6.14 (6):</u> Display message of "Standby losses: Consumption Units" stands deleted.
73	7. SLA & LD:	Timeline for Installation and Commissioning and Penalty	Installation and commissioning : Within 30 Days material receipt at site. Repair & Maintenance: Penalty Charges to be levied only in the event where the fault of EV Charger Manufacturer has been established. The Complaint to be addressed within 24-48 Hrs of the written communication from CESL. Faulty Charging Equipment to be repaired within 48 to 72 working hrs after diagnosis of faulty. For Inactivity of EV Chargers due to site conditions what so ever, the cooperation of CESL is expected.		<u>Amendment/Clarification:</u> As amended/clarified above. <u>Clarification:</u> Refer to Section 4, Part C, Clause No. 7, S. No. (ii): "However, LD/Penalty shall not be applicable for the period of delay is not attributable to the Selected Bidder(s) part. In other words, CESL reserves the right to impose LD/penalty on performance ground, only if negligence is established against Selected Bidder(s)." <u>Amendment in Section 4, Part C, Clause No. 7, (3):</u> (i) Service Level Requirement: The fault in the EV charger or its supplied components/accessories should be attended, and repaired and/or replaced within 24 hours of the written complaint from CESL or its Client. (ii) Penalty: More than 24 hours: Rs. 100 per EV charger per day <u>Amendment in Section 4, Part C, S. No. 7 (4):</u> Stands deleted.
74	Contract Performance Guarantee	Contract Performance Guarantee	The CPG @3% should be valid for 3 years warranty period only as per the general industry practice. Also CPG is required to be shared PO wise. Please confirm your acceptance.		<u>Amendment/Clarification:</u> As amended/clarified above.



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75	Payment Terms	Payment Terms	Payment terms(Stage III) needs to be revised as below : Part A, B and C of price Schedule 1: Balance 15 % to be release submission of PBG of equivalent amount after commissioning of charger.		Amended As: advance may be released subject to submission of advance bank guarantee of 110% of advance value.
76	6.14 User Interface and Display Requirement	Support Language	Support language will be English only. Provision of additional languages including Hindi and regional language is not practically possible currently. Please confirm your acceptance.		Amendment/Clarification: As amended/clarified above.
77	13. Delivery period	Delivery period	30 days time is too less for the delivery. We request you to change the delivery period to 12-16 week from the date of confirmatory purchase order. OR EESL should provide rolling forecast for at least 12 weeks and lead time of 4-8 weeks after confirmatory purchase order. Please confirm your acceptance		Amendment/Clarification: As amended/clarified above.



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