

Tender Notice No: TSREDCO/EVI/102/Procurement of 240 KW EVCS/2023. Dated: 08.06.2023

Tender id: 427390

CORRIGENDUM - 1

S. No	As per Original tender Document	Amendment
1	<p>Page No. 5, Table : Bid Information Sheet, Point No. 9.0</p> <p>1. The firms having the Turnover not less than average 1 Crore, in every financial year during the last 2 financial years.</p> <p>In case if the bidding company is existing less than 2 years and having all technical qualifications , the bidder has to submit the solvency certificate for Rs 1 crore from any nationalized bank along with CA certified net worth certificate for not less than average Rs 1 crores.</p>	<p>Page No. 5, Table : Bid Information Sheet, Point No. 9.0 shall be read as..</p> <p>1. The Firms having the Average Turn Over of 1 Crore in last 2 financial years.</p> <p>Adding, the financial consortium bidder is allowed for this bid. However, the financial consortium bidder has to submit the bid.</p> <p>In case the financial consortium partner is not a OEM. The financial consortium partner has submit the authorisation cum undertaking letter from OEM for all the warranty, guarantees for this bid.</p>
2	<p>Page No.10, Scope work , Point No. g - The EV-EVSE communication should be IS-17017-24 [CAN] & IS-15118[PLC]</p>	<p>Please refer the Data sheet of the 240 KW EV Chargers is placed at Annexure -1 along with this Corrigendum</p>
3	<p>New item in scope of work</p>	<p>The minimum operating Voltage of 240 KW DC Charger at which 240 KW Charger should be as per Ministry of Power, GOI Guidelines. Please refer the Data sheet of the 240 KW EV Chargers is placed at Annexure -1 along with this Corrigendum</p>
4	<p>New item in scope of work</p>	<p>The Technical Specifications (DATA SHEET) of the 240 KW EV Chargers along with the specifications of Distribution Boxes and CI Earthing Pipe are attached along with this Corrigendum</p>
5	<p>New Item - Annexure – II – Canopy drawing</p>	<p>Annexure – II – Canopy drawing should be read as</p> <p>The sample of Canopy drawing is attached along with this corrigendum.</p>
6	<p>Page No.21, Price Bid Format, price bid format is uploaded along with the Tender</p>	<p><u>Page No.21, Price Bid Format shall be read as :</u></p> <p>The revised price bid format is uploaded along with this corrigendum.</p> <p>Bidders to submit as per the revised price bid format only else the bids will be treated as disqualified.</p>

**Sd/-xxx
VC &MANAGING DIRECTOR**

REVISED PRICE BID FORMAT

(*Below format shall be filled, duly signed & stamped on company letter head and to be uploaded in e-tender portal)

S.No	Item	Basic Cost of the Charger (to be quoted per charger cost basis) (A)	Applicable Tax per Charger (to be quoted per charger cost basis) (B)	Total (C)= (A) + (B)	Quantity (D)	Grand Total (E)=(C)X (D)
1	Supply and installation Of (CCS2)-240KW-Duel Gun DC Fast Chargers as per IS-17017-23 with rated output voltage of 200-750 or higher for development of Public EV Charging Networking Telangana State along with Comprehensive Warranty And Guaranty, Annual Maintenance Contract (AMC) of supplied EV chargers along with mandatory Spares, of the Supplied & Installed Chargers .				20 No's	
2	Supply and installation of Canopies at every Location (as per Annexure -II)				20 No's	
3	Supply and installation of 300 sq mm 3.5 core Aluminium Conductor Armored Power Cable at every location				30 Meters into 20 Chargers = 600 Meters	
4	Supply and installation of Distribution Boxes at every location (As per Specifications mentioned at ANNEXURE - 1- Data Sheet)				20 No's	
5	Supply and installation of CI Pipe Earthing (2 at every EV charger) (As per Specifications mentioned at ANNEXURE -1 Data Sheet)				20 X 2 = 40	
6	Construction of civil foundation as per the OEM approved drawings				20 No's	

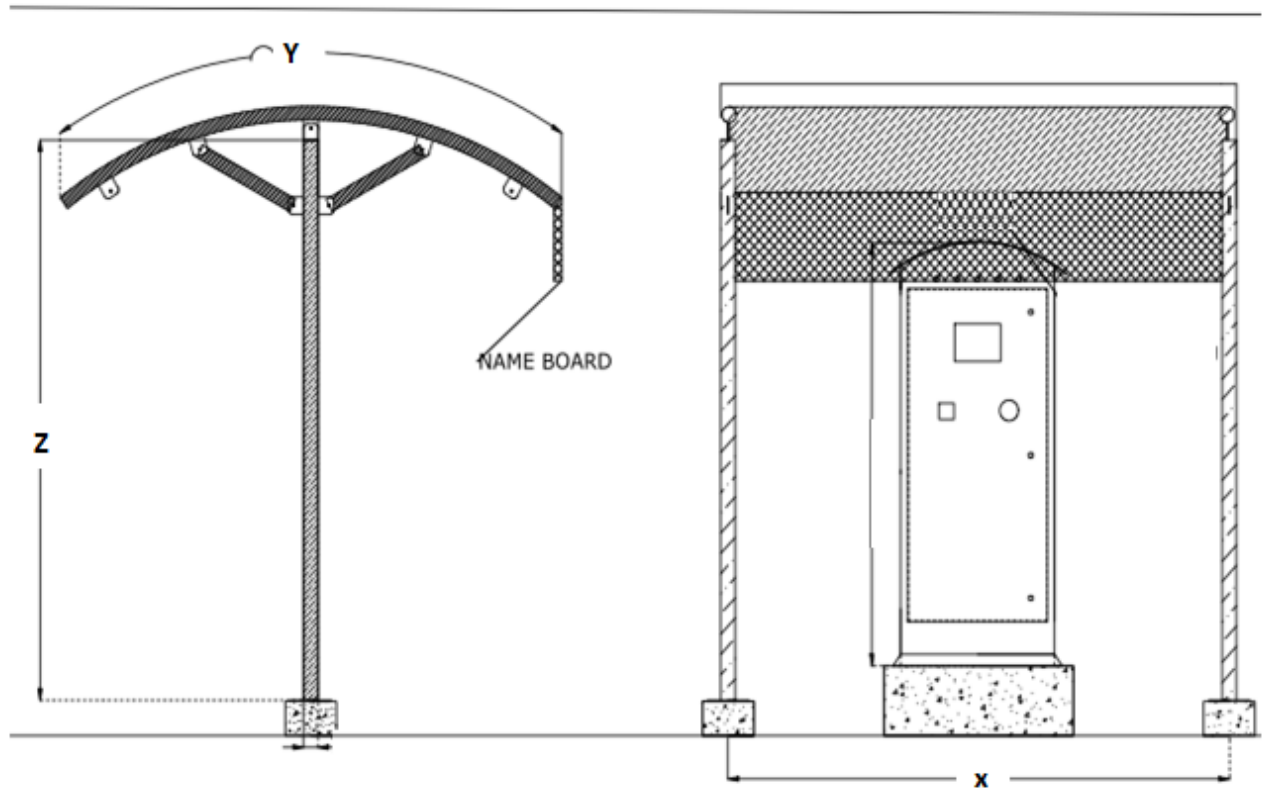
Signature of the Bidder with Seal and Date

ANNEXURE -1- DATA SHEET**DATA SHEET****Technical Specifications of 240 KW Duel Gun (CCS-2) EV Chargers**

Input Parameters	
Power	240KW/263kVA
Incomer Rating	3P,500A,MCCB
Input Voltage (Vac)	415 Vac. \pm 10%
Frequency (Hz)	50Hz/60Hz
Power Factor	0.99
Current THDi	\leq 5 %
Output Parameters	
Output Voltage Range	200-1000V
Max. Output Current	200 Amps at 200 – 1000V
Regulation Accuracy	\leq 0.5 %
Precision of Current	\leq 1 %
Total Guns (CCS2)	2 No.
Total Power Output	120 KW (Each Gun)
Efficiency (Peak)	\geq 95 %
Mechanical Parameters	
Cooling Method	Natural Cooling/Air Cooling
System Weight	< 600 Kg (Approx)
Ingress Protection Grade	IP55
Enclosure Material (metallic Powder Coated)	Enclosure of the EV charger should be made of Fire Retardant material and free from Halogen
Cable Length	5 Meters (4.5 meters exposed from charger)
Environmental and others	
Operating Temperature	- 10 to + 50 ° C (Full Load Operation)
Storage Temp	-20 Deg to 75 Deg
Altitude	<2000
Humidity	<95 Degree non-condensing
Protection Function	Output Short Circuit/Over temperature/Input Under Voltage and over Voltage/Communication failure, DC Over Current Protection, Surge Protection Device, Emergency Stop Protection, Earth Leakage, Ground Fault
CCS (COMBO2)	ISO 15118, DIN 70121
Compliance	IEC 61851 – 1/23/24

Display	LCD : Min 7 inch Touch Screen	
User Recognition	RFID Card/Mobile APP	
Panel Indication Lamp	Mains, Charging Status, Fault	
DC Charging Protocol		
Charging Device	IS-17017-23	
EV-EVSE Communication	IS-17017-24 [CAN] IS-15118 [PLC]	
Connector	IS-17017-2-3	
Charger & CMS protocol	OCPP 2.0.1 & OCPP 1.6J & OCPI	
Certifications		
Test Certifications	ARAI /ICAT	
Cable Specifications		
Input Cable (30 Meters)	3.5 Core , 300 Sq MM, AL Armored Cable	
Civil Foundation & Other		
Foundation for Charger	As per the OEM approved Design	
Canopy	As per the Drawing Enclosed (Dimensions to suite the EV Charger)	
Distribution Box suitable for Incomer Rating - 3Phase,500A, MCCB	630A 4P 36KA TM Based MCCB	1 No
	Spreader Links for 630A 4P MCCB	1 Set
	Phase Barrier	1 Set
	Acrylic Sheet	1 Set
	6A DP MCB 10KA	2 Nos
	KWH meter with CT's	1 Set
	Glands for 300Sq mm	3 Nos
	Glands for 2.5Sq mm	2 Nos
	Double Door DB BOX With MS Angle Frame-o	1 No
Earthing (2 No. for each Charger)	CI Pipe Earthing with 100 MM Dia, 2.75 Meter Long CI Pipe spreading Homogeneous Mixture of salt charcoal or bentonite Powder layer by layer around the pipe etc. and earth Pit Chambers and pit Covers completely as per IS 3043,1987 in according to TSSPDCL approved Norms	

Annexure- II- Canopy Drawing



Note: X, Y & Z Dimensions should be suitable to accommodate the OEM 240 KW EV Charger Dimension