

Supply & Installation of Canopies, Aluminum Conductor Armored Power Cable, Distribution Boxes, GI pipe earthing at Various EV Chargers Installed by
TSREDCO in GHMC limits along with Comprehensive Warranty and Guarantee for a period of 1 Year- Reg.
Tender Ref: TSREDCO/EVI/101/EVSE/2023. Dated: 11.05.2023
Tender id: 416230

Corrigendum - 1

S. No	As per Original tender Document	Amendment
1	Page No. 6, Table: Bid Information Sheet, Online Bid Submission Period, From 16.05.2023 to 20.05.2023 , (up to 15:00 hours IST)	Page No. 6, Table: Bid Information Sheet, Online Bid Submission Period, From 20.05.2023 to 26.05.2023, (up to 17:00 hours IST)
2	Page No. 6, Table: Bid Information Sheet, Technical bid Opening Date & Time: 20.05.2023 after 16:00 hrs. IST	Page No 6, Table: Bid Information Sheet, Technical bid Opening Date & Time: 27.05.2023 after 16:00 hrs. IST
3	Page No. 6, Table: Bid Information Sheet, Financial E-bid Opening Date & Time: 22.05.2023 after 11.00 hrs. IST	Page No. 6, Table: Bid Information Sheet, Financial E-bid Opening Date & Time: 29.05.2023 after 11:00 hrs. IST
4	Page No. 6, Table: Bid Information Sheet, Physical negotiations meeting Date & Time: 24.05.2023 after 11.30 hrs. IST	Page No. 6, Table: Bid Information Sheet, Physical negotiations meeting Date & Time: 30.05.2023 after 11.30 hrs. IST
5	Page No. 5, Serial No. 2, Point no. 8: The bidder should have supplied the similar items and carried out the installation & commissioning works as contractors with average turnover of Rs. 2.0 Crore in the immediate previous 2 financial years. Proof of purchase orders/ work completion reports need to be submitted.	Page No. 5, Serial No. 2, Point no. 8 shall be read as The bidder should have Minimum 2 years of experience in installation and commissioning of EV Chargers and should have experience in cable laying. However, the canopy needs to be erected with the technical and supervision support of manufacture/fabricator and the earth pits needs to be erected with the agency having CEIG License. The bidders are required to submit the proof as follows 1. Work order/work completion reports in support of the work carried

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		<p>out for erection and commissioning of EV Chargers or other electrical equipments</p> <ol style="list-style-type: none"> 2. Technical collaboration with fabricators/OEM for canopy supply and erection and its warranty. 3. CEIG license as contractor or supervision. <p>The bidders should have minimum turnover of Rs. 50 Lakhs in the immediate previous 2 financial years and proof of returns Audited certificate from CA with UDIN</p>
6	<p>Page No. 5, Serial No. 2, Point no. 9: The firms having the Turnover not less than 2 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 2 crores from any nationalized bank along with CA certified net worth certificate for not less than Rs2 crores.</p>	<p>Page No. 5, Serial No. 2, Point no. 9 shall be read as</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 50 Lakhs from any nationalized bank along with CA certified net worth certificate for not less than Rs. 50 Lakhs</p>
7	<p>Page No 10, Section 9, scope of work, Para a: 2 No. of Pipe earthing of chargers with 40mm dia GI pipe with 2 meter with supply of Gi pipe, bentonite/Coal, Salt and running of GI flat etc as per TSSPDCL standard specification No. J-2/1972) at the existing EV Charger location provided by TSREDCO.....</p>	<p>Section 9,scope of work, Para a shall be read as:</p> <p>Maintenance free Chemical Earthing using Electrode of size 50 mm dia, 02 meter long GI Pipe , complete with excavation, civil works, FRP. The voltage between Neutral & Earth not to exceed 1 volt & IR value less than 1 ohm. The earth resistance shall be as per IS3043 including Labor Charges for completing the process of Installation, Commissioning & Testing of earthing pits & Providing of earth chambers. With GI strip 25mm x 6mm Flat, Hotdip, 86 to 100% Zink in single band as per the site requirement at the existing EV Charger location provided by TSREDCO.....</p>

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8	<p>Page No.18, Price Bid Format price bid format is uploaded along with the Tender</p>	<p>Page No.18, Price Bid Format shall be read as : The revised price bid format is uploaded along with this corrigendum. Bidders to submit as per the revised price bid format only else the bids will be treated as disqualified.</p>
9	<p>Annexure – II – Canopy drawing</p>	<p>Annexure – II – Canopy drawing should be read as The revised Canopy drawing/specifications with attached CC Camera Specifications is attached along with this corrigendum.</p>
10	<p>Annexure – V- Distribution Box drawing</p>	<p>Annexure – V- Distribution Box drawingshould be read as The revised Distribution Box drawing /specifications is attached along with this corrigendum.</p>
11	<p>Annexure – VI- GI Earthing</p>	<p>Annexure – VI- GI Earthing The revised GI Earthing specifications are attached along with this corrigendum.</p>
12	<p>New item</p>	<p>Annexure – VI- CC Camera with suitable software for viewing The CC camera specifications are attached along with this corrigendum.</p>

Sd/-xxx
VC &MANAGING DIRECTOR

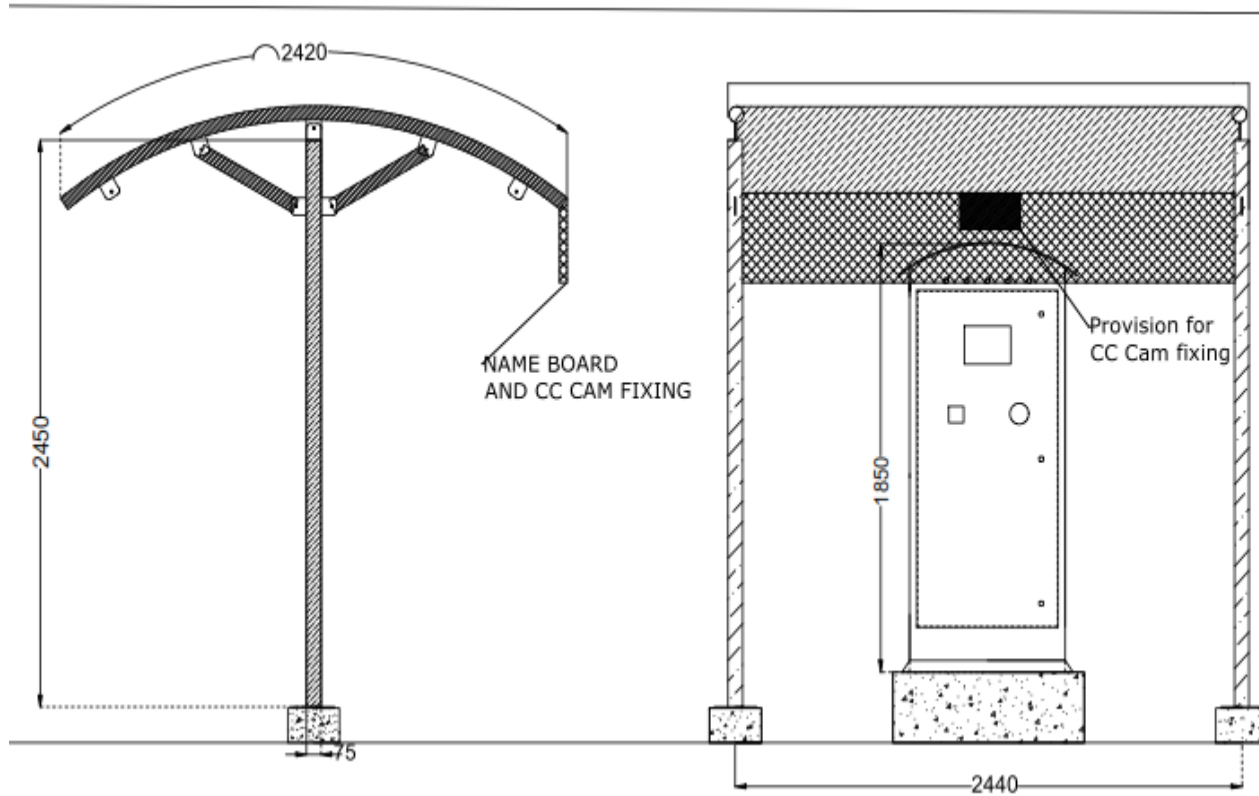
REVISED PRICE BID FORMAT

(*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 Supply for each Unit	Applicable Tax on Supply of each item	Basic Cost of Service for each Unit (Installation Chargers)	Applicable Tax on service for each unit (on Installation Chargers)	Total (E) =	Qty	Grand Total = G	
		(A)	(B)	(C)	(D)	(A) + (B)+ (C) + (D)	(F)	G= (E) X (F)	
1	Canopies (as per Annexure -II)						150 No.		
2	70 sq mm 3.5 core Aluminium Conductor Armored Power Cable- (As per Annexure III)						2500 Meters		
3	50 sq mm 3.5 core Aluminium Conductor Armored Power Cable- (As per Annexure IV)						2500 Meters		
4	Distribution Boxes (as per Annexure -V)						150 No.		
5	GI Pipe Earthling (2 at every EV charger) (as per Annexure -VI)						300 No.		
6	CC Camera as per specifications mentioned in Annexure VII						150 No's		
Grand Total									
Amount in words in _____ only									

Signature of the Bidder with Seal and Date

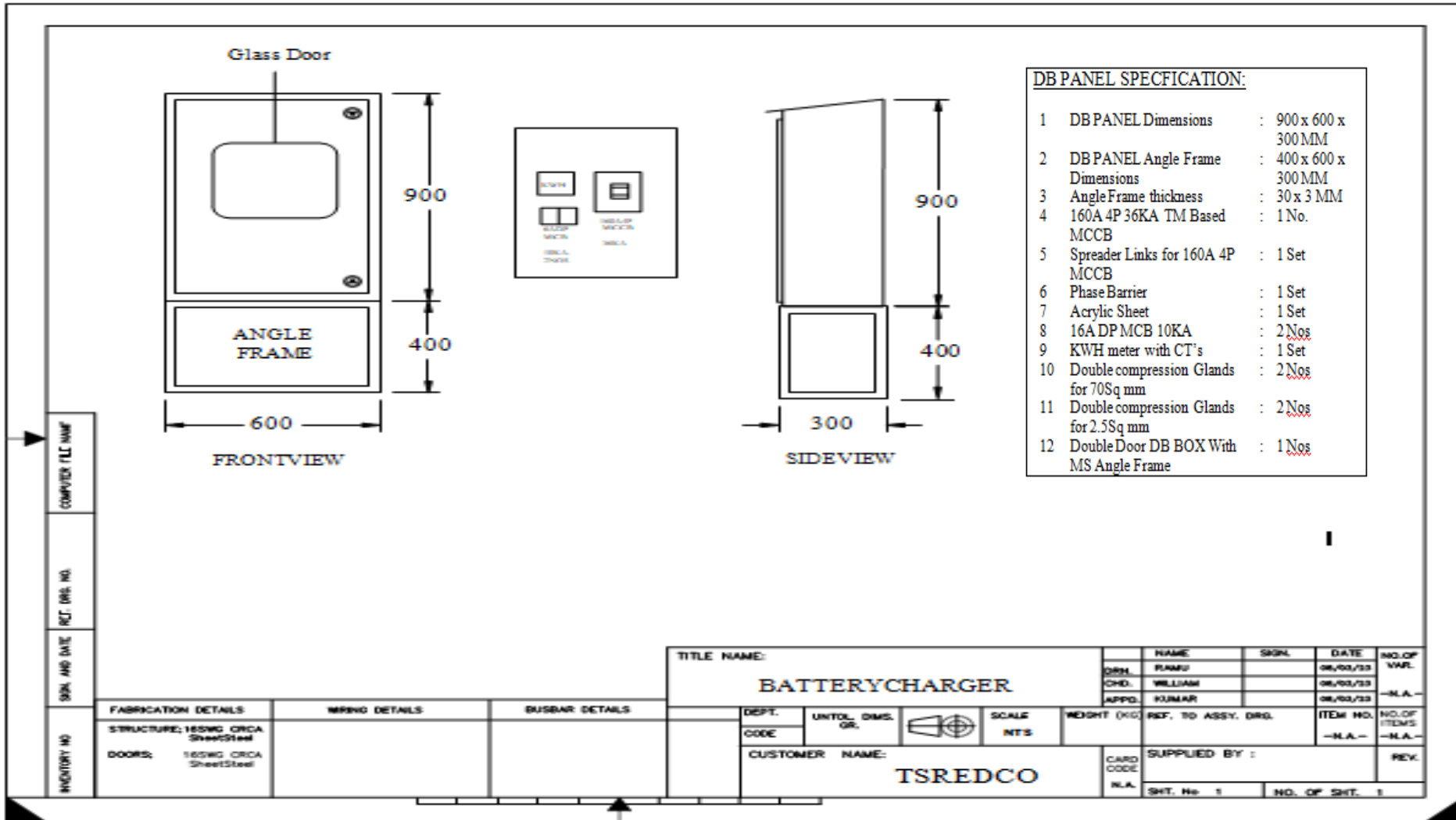
Annexure-II -Canopy Drawing



Canopy Specifications:

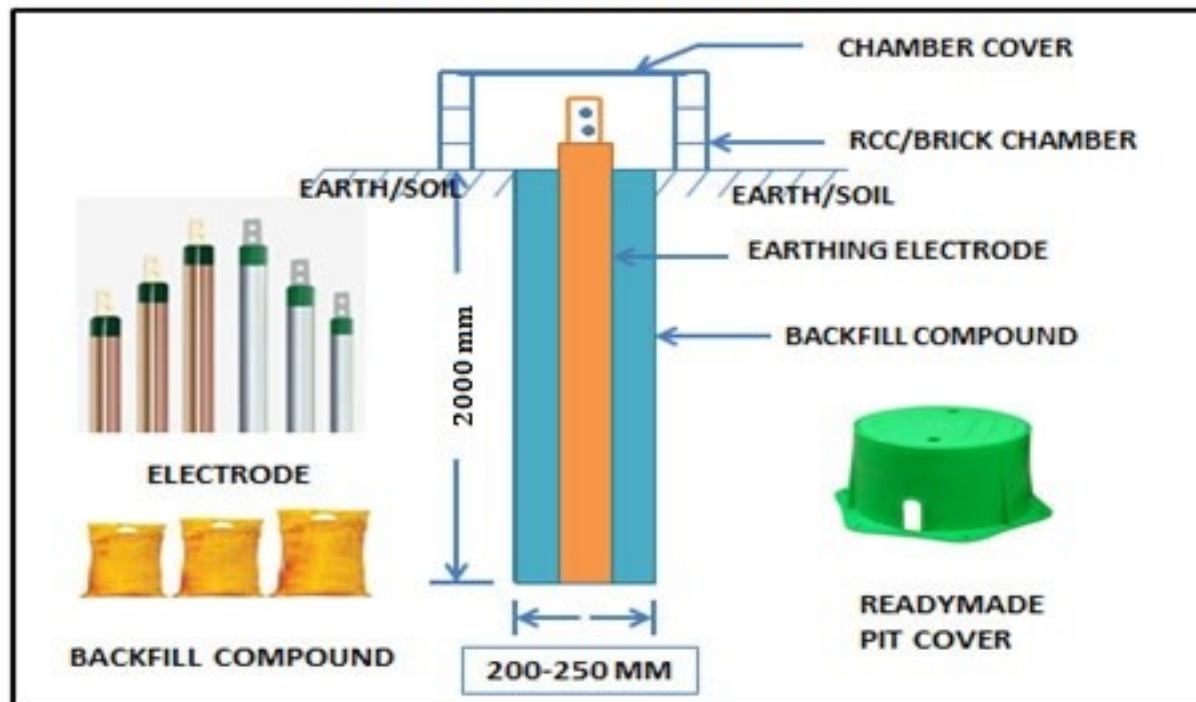
- Canopy Structure material : Mild Steel
- Canopy Structure size : 8 x 8 Feet
- Structure Consist of 3 inch Galvanized Round Pipe - 2 NO. ,
- 2 Inch Galvanized Round Pipe –4 NOS (2 Nos curved shaped pipe & 2 nos straight round pipe) ,
- 2 INCH supporting round pipe – 4 nos.
- Roof sheet - white /transparent / colored(material: Poly carbonite sheet with nut & bolts)

Annexure-V-DISTRIBUTION BOX DRAWING



Annexure-VI-GI Pipe Earthing

CHEMICAL EARTHING



Component of chemical earthing

- Pipe or Rod
- Backfilled compound
- Earth pit cover
- Fasteners
- Connecting link
- Earth strips

Specifications:


For earth pit:

Maintenance free Chemical Earthing using Electrode of size 50 mm dia, 02 meter long GI Pipe , complete with excavation, civil works, FRP . The voltage between Neutral & Earth not to exceed 1 volt & IR value less than 1 ohm. The earth resistance shall be as per IS 3043

For GI strip:

25mmx6mm Flat, Hot dip, 86 to 100% Zink in single band

Annexure-VII -
CC Camera Specifications :

	<ul style="list-style-type: none">➤ 2MP, 1/2.8" CMOS image sensor, low illuminance, high image definition➤ Outputs max. 2MP (1920 × 1080) @25/30 fps➤ H.265 codec, high compression rate, ultra-low bit rate➤ Built-in IR LED, max. IR distance: 30 m➤ ROI, SMART H.264/H.265, flexible coding, applicable to various bandwidth and storage environments➤ Rotation mode, WDR, 3D NR, HLC, BLC, digital watermarking, applicable to various monitoring scenes➤ Intelligent detection: Intrusion, tripwire➤ Abnormality detection: Motion detection, video tampering, no SD card, SD card full, SD card error, network disconnection, IP conflict, illegal access, voltage detection➤ Supports max. 256 GB Micro SD card➤ 12V DC/PoE power supply➤ IP67 protection
<p>Smart Professional Surveillance Software with dashboard</p> <ul style="list-style-type: none">➤ Manage up to 256 Devices and should work on GPRS/WIFI➤ Supports H.265 and H.264 Dual Video Compression Codecs➤ Live Video Monitoring and Playback➤ Configure NVR Recording➤ PTZ Camera Control	