Corrigendum 1 - Annexure J

PRICE SCHEDULE

Supply, Installation, Commissioning, Testing of Electric Vehicle Supply Equipment (EVSE), Charging Point Management System (CPMS), Mobile User Interface and associated work to setup Electric Vehicle Charging Station

Bidders name : Offer ref. no. : Offer date :

			Nos Nos	Unit Price	Total Price	HSN / SAC		
Sr. No.	Goods / Services description	Qty.	UoM	INR	INR	Code	GST Rate	GST Amount
PART 1	EV Slow Charger							
1	EV Slow Chargers							
1.1	EV AC slow Charger 7.4 kW - 1 X 7.4 KW Type 2 Connector (including 7 years AMC, FMS, Support)	2500	Nos					
1.2	EV AC slow Charger 6.6 kW with 32 A Industrial Socket (including 7 years AMC, FMS, Support)	1000	Nos					
1.3	EV AC slow Charger 3.3 kW with 16 A Industrial Socket (including 7 years AMC, FMS, Support)	5000	Nos					
2	Installation, commissioning, Testing & Integration							
2.1	EV AC slow Charger 7.4 kW - 1 X 7.4 KW Type 2 Connector	2500	Nos					
2.2	EV AC slow Charger 6.6 kW with 32 A Industrial Socket	1000	Nos					
2.3	EV AC slow Charger 3.3 kW with 16 A Industrial Socket	5000	Nos					
3	Software - CPMS							
3.1	Subscription based Software (7 year licensing for Cloud services under SaaS model) – Charger Management System (OCPP protocol - 4W), Mobile Apps. Web Applications, DR system, Integrations and yearly operation, FMS, AMC, Support services (including managed services cost).	3500	Nos					
3.2	Subscription based Software (7 year licensing for Cloud services under SaaS model) – Charger Management System (IOT/OCPP protocol - 4W), Mobile Apps. Web Applications, DR system, Integrations and yearly operation, FMS, AMC, Support services (including managed services cost).	5000	Nos					
	Basic Price		•					
	Packing & Forwarding				Included			
	Transportation				Included			
	Transit Insurance				Included			
	GST							
	Total PART 1							

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Sr. No.	Goods / Services description	Qty.	UoM	INR	INR	Code	GST Rate	GST Amount
PART 2	EV Fast Charging Stations							
1	EV Fast Chargers							
1.1	Combo Charger 52 KW : 1 X CCS (30 KW) Connector and 1 X Type 2 AC (22 kW) connector (including 10 years AMC, FMS, Support)	0	Nos					
	Combo Charger 72 KW : 1 X CCS (50 KW) Connector and 1 X Type 2 AC (22 kW) connector (including 10 years AMC, FMS, Support)	320	Nos					
1.3	Bharat DC 30 KW : 2 X GB/T connector (including 10 years AMC, FMS, Support)	50	Nos					
2	Installation, Commissining, Testing integration of EVSE							
2.1	Combo Charger 52 KW: 1 X CCS (30 KW) Connector and 1 X Type 2 AC (22 kW) connector	0	Nos					
2.2	Combo Charger 72 KW : 1 X CCS (50 KW) Connector and 1 X Type 2 AC (22 kW) connector	320	Nos					
2.3	Bharat DC 30 KW : 2 X GB/T connector	50	Nos					
3	EVCS associated Civil & Electrical Works							
3.1	Electricity Connection & Security Deposit (EVCS in AEML, BEST & MSEDCL Licensed area)	0	Nos					
3.2	EVCS associated Civil & Electrical Works (levelling, Flooring, cabling, Earthing, LT Distribution Boards, Boards, stand, Lighting, Shed/Cover etc (refer detailed BoQ mentioned below)*	1	Lumpsum					
3	Software - CPMS							
3.1	Charger Point Management System (CPMS) – One time Charger Onboarding Cost (including cloud services set-up cost, migration services)	370	Nos					
3.2	CPMS Integration cost with AEML IT Systems	1	Lumpsum					

Sr. No.	Coods / Samilage description	Otv	UoM	Unit Price	Total Price	HSN / SAC	GST Rate	GST Amount
SI. IVO.	Goods / Services description	Qty.	UOIVI	INR	INR	Code	GS1 Rate	GST AMOUNT
3.3	CPMS Operational cost (per unit cost of electricity sale) to manage the EV Charging Station (Including Charger Management System with Mobile Apps. Web Applications, DR system, Integrations and yearly operation, FMS, AMC, Support services (including managed services cost). – Bidders to quote rate considering sale of electricity for 10 Yrs	378	Million Units					
4	Operation of EVCS							
4.1	Operate and Maintain EVCS – As per AEML Requirement (Two shift operation) Bidders to quote rate for 10 Yrs	50	Location Nos					
	Basic Price		•					
	Packing & Forwarding				Included			
	Transportation				Included			
	Transit Insurance				Included			
	GST							
	Total PART 2							
	Total (PART 1 + PART 2)							

Cr. No	Coods / Comissos description	Otv	Oty. UoM Unit Price Total Price HSN / SAC Godo G	Total Price	CCT Dot-	CCT Amount		
Sr. No.	Goods / Services description	Qty.	UOIVI	INR	INR	Code	GST Rate	GST Amount
3.2	Detailed BoQ of associated Civil & Electrical Works*							
3.2.1	Civil Works*							
1	Excavation in Earth in all kind type of soil, murrum, soft rock for cable trenches etc. refilling of balance soil in trench and carting away up to 50m including all kind of equipment, labour, dewatering, shoring, shuttering etc. complete as directed by engineer in charg	15283	Cu.M					
2	Carting of Excesses material to outside the Trench area by mechanical transport including loading, unloading, dereeing of excavated earth, etc complete as directed by engineer in charge	15283	Cu.M					
3	Aggregate (Sand/Metal) Filling. Providing and laying crush metal of size 40mm to 90mm mixed with river sand in (1:1) including compacting with rammer, watering etc, complete as directed by engineer in charge	1282	Cu.M					
4	Reinstatement in Asphalt 75mm.Providing and laying hot mix graded asphalt macadum with bitumen contents of 4 to 4.5 % using of hot grought from asphalt mixing plant including laying and rolling. Spreading thickness 75mm including compacting with 10 to 12 roller Etc, complete as directed by Engineer in Charge	8550	Sq.M					
5	Asphaltling of carpet on Road 40mm thick. Providing and laying hot permixed seal coat 40mm spreading thick containing 7.5 % to 8 % of bitumen to fill up the interstices over the asphalt macadum already laid as above including rolling, powdering with stone power, compacting with 10 to 12 T roller matching with old surface etc, complete as directed by Engineer In Charge	8550	Sq.M					
6	Granual Sub Base (GSB).Providing, laying, spreading and compecting specified graded crush stone in granular sub base course of size up to 40mm including draindge C85 premixing the material in mechanical mixture laying in uniform layers of 75mm (Compacting thichness each) with Paver finisher on prepared murrum surface and compacting with 10 T vibrating tendem roller to achive the density of 98 % of MDD including all material labour, machinary with all lead and lift etc, complete as directed by Engineer In Charge	1283	Cu.M					
7	M15: PCC 1:2:4.Plain Cement Concrete of 1:2:4(1 Cement: 2Course sand: 4 Graded Aggregate 20mm) using graded stone aggregate 20/40mm max. size including all labour, material, handling, transporting, batching, mixing, placing levelling, compection, curing and shuttering etc for cable trenches, underground works foundations as per specification and direction of the Engineer In Charge	1206	Cu.M					

Sr. No.	Goods / Services description	Qty.	UoM	Unit Price	Total Price	HSN / SAC Code	GST Rate	GST Amount
8	M10: PCC 1:3:6.Plain Cement Concrete of 1:3:6(1 Cement: 3Course sand: 6 Graded Aggregate 20mm) using graded stone aggregate 20/40mm max. size including all labour, material, handling, transporting, batching, mixing, placing levelling, compection, curing and shuttering etc for cable trenches, underground works foundations as per specification and direction of the Engineer In Charge	0	Cu.M					
9	RCC M30 using graded stone aggregate 20/40mm max. size including all labour, material, handling, transporting, batching, mixing, placing levelling, compection, curing etc for cable trenches, underground works foundations as per specification and direction of the Engineer In Charge	1278	Cu.M					
10	Providing and Fixing Paver Block. Providing and Fixing 100 mm thick M-50 Paver block with 50mm thick sand bedding below the block and compection with plate compector including all labour, material etc. complete as directed by engineer in charge.	8550	Sq.M					
11	Rubble Soling:Providing and Laying 230mm thick Rubble Soling with all material and Tools as directed by Engineer In Charge	1386	Cu.M					
12	Murum Brought from out side: Providing and Filling Murrum brought from out side with all taxes and as directed by Engineer in Charge.	3500	Cu.M					
13	Extra for RMC. Extra for RMC for various grade of concrete including cost of placing and pumping wherever necessary.RCC chalan Should be submitted for claiming this item	1278	Cu.M					
14	R/f Steel: Providing and placing TMT Reinforcement of FE 415 grade as per the bar bending schedule prepared by the contractor and approved by Engineer In Charge in reinforced cement concrete work including cleaining, straightening cutting bending in position. Of TISCO,SAIL OR ISPATH ONLY	125	MT					
15	Form Work: Providing, Fixing and removal of form work of approved quality for cast in situ plain or reinforcement concrete work if any type and section including labour, material, equipment, wastage of from, shoring, shuttering etc all complete as per directed by Enginer In Charge	5000	Sq.M					
16	Brick Work in cement mortar 1:6- Providing brick masonry work at all level in c.m. 1:6 including mixing mortar, laying bricks, scaffolding, raking out joints, curing etc. complete.	570	Cu.M					
17	Providing and applying 12 mm thick cement plaster at all heights and below plinth in 1:4 (1 cement and 4 fine sand) cement mortar with Recron 3s fibers of Reliance IndustriesLtd. as per manufacturer's specification to the walls, beams, ceiling, stair, column, pardis, bends, moulds, pattas, grooves, including scaffolding, chipping, roughing up the concrete, curing & finishing smooth. The plaster surface shall be rubbed with 'iron plate', till the surface shows cement paste in line and level complete as directed by the Engineer-in-Charge.	5700	Sq.M					
18	ACP Sheet Clading	1026	Sq.M					
	P/f Aluminium composite sheet wall panel of "Aludecor / Altobond/ Alubond/ Eurobond" for wall cladding having 4 mm thickness as required to desired Colors & coating of PVDF paint in fully automatic color coating process, including perimeter frame of "extrusions of 40 x40 x3mm Jindal no. 14480 including stiffeners, gaskets, sealants of Dow corning 789, anchor fasteners 50 x6 mm, MS bracket of sixe 35 x35 x3 mm with powder coating, nut / bolt, backer rod of 6 mm dia. Required for installation for any height as per approved architectural drawing. Working method tray system.							
19	Kerb Stone: S/L kerb stone Supplying and laying kerb stone 30x20 cm chisel dressed on top and side including fixing in cement mortar 1:4 (1 cement : 4 coarse sand) and pointing with cement mortar 1:4 (1 cement : 4 coarse sand) including making drainage opening, where required.	7030	Rmt					
20	Providing and applying Synthetic enamel Paint in two or more coats of approved brand and shade (Asian, Nerolac, Dulux, Shalimar)over a priming coat, including scaffolding & preparation of surface etc. all complete as directed by the Engineer-in-Charge.	5700	Sq.M					

Sr. No.	Goods / Services description	Qty.	UoM	Unit Price	Total Price	HSN / SAC Code	GST Rate	GST Amount
21	Structural Steel:-Providing, fabricating and placing steel embedded parts, angles, channels, inserts ,foundation bolts in concrete (including trenches etc.) including three coats of approved make and shade synthetic enamel paint over a primer coat, labour, material, setting in concrete, scaffolding, handling, welding, bolting, drilling, providing lugs, etc. complete as per drawings, specifications and direction of the Engineer-in-Charge.	15	МТ					
22	Reinstatement of Kutcha Road. Providing and laying Kutcha tough (Metal) of size 40mm to 90mm of 150mm thick mixed with stone powder, including watering, compaction with 10 to 12 T roller etc. complete as directed by engineer in charge.	1080	Sq.M					
23	WET MIXED MACADUM(WMM). Providing, laying, spreading and compecting specified graded crush stone in wmm course of size up to 40mm including draindge C85 premixing the material at plant laying in uniform layers of 75mm (Compacting thichness each) with Paver finisher on prepared surface and compacting with 10-12 T vibrating tendem roller to achive the density of 98 % of MDD including all material labour, machinary with all lead and lift etc, complete as directed by Engineer In Charge	1080	SQM					
24	Providing & Fixing Paver block 80 mm Thick:Providing and Fixing 80mm thick M-50 grade Paver block with 50mm thick sand bedding below the block and compection with plate compector including all labour, material etc. complete as directed by engineer in charge.	8550	SQM					
25	Seal Coat - Providing ,laying,spreading and compacting specified Seal coat(Mix seal) of 20mm thick compacted including premixing the material with water to 0.M.C in mechanical mixure(pug mill) carrying of mix material by tippers to site and laying with paver finisher on prepared bound macadam and compacting with vibrating tandem roller to acheive the density of 98% of MPD including all material,labour machinery with all leads and lifts etc.complete and as directed by the engineer -in-charge.(As per PWD/MOR&TH/MCGM specification of relevant item).	8550	SQM					
26	Ironite Flooring	2137	SQM					
	Providing and laying 50 mm thick cement concrete flooring laid in 1m x 1m panels with metallic concrete hardener Ironite or equivalent topping, under layer 38 mm thick cement concrete 1:1:2 (1 cement : 1 coarse sand : 2 stone aggregate 10 mm grded size by volume) and top layer 12 mm thick metallic concrete hardner consisting of mix 1:2 (1 cement hardener mix : 2 stone aggregate 6 mm nominal size) by volume with which metallic hardening compound of approved brand and manufacture is mixed in ratio 4:1 (4 parts of cement : 1 part of metallic floor hardening compound of approved quality) by weight including cement slurry, curing etc. complete in flooring and skirting as per specifications and as directed by the Engineer-in-Charge.							
27	2mm thick Epoxy Based Paint - Above Flooring	2137	SQM					
	Providing and applying three coats of acid resistent 2mm thick Epoxy Paint on Ironite flooring of approved brand and shade at all locations including preperation of surface, primer coat, putty aplication, filing of grooves etc all complete as directed by the Engineer-in-Charge.							
3.2.2	Electrical Works*							
1	Supply & Installation of 1C x 2.5 sq.mm. (Red Colour) (ISI marked cables, Make: Universal, Polycab, KEI,Ravin Cables, Torrent, Nicco) stranded copper conductor PVC insulated flameproof wires for point and circuit wiring as per IS.	3000	М					
2	Supply & Installation of 1C x 2.5 sq.mm. (Yellow Colour) (ISI marked cables, Make : Universal, Polycab, KEI,Ravin Cables, Torrent, Nicco) stranded copper conductor PVC insulated flameproof wires for point and circuit wiring as per IS.	3000	М					
3	Supply & Installation of 1C x 2.5 sq.mm. (Blue Colour) (ISI marked cables, Make: Universal, Polycab, KEI,Ravin Cables, Torrent, Nicco) stranded copper conductor PVC insulated flameproof wires for point and circuit wiring as per IS.	3000	М					

Sr. No.	Goods / Services description	Qty.	UoM	Unit Price	Total Price	HSN / SAC Code	GST Rate	GST Amount
4	Supply & Installation of 1C x 2.5 sq.mm. (Black Colour) (ISI marked cables, Make: Universal, Polycab, KEI,Ravin Cables, Torrent, Nicco) stranded copper conductor PVC insulated flameproof wires for point and circuit wiring as per IS.	9000	М					
5	Supply & Installation of 1C x 2.5 sq.mm. (Green Colour) (ISI marked cables, Make : Universal, Polycab, KEI,Ravin Cables, Torrent, Nicco) stranded copper conductor PVC insulated flameproof wires for point and circuit wiring as per IS.	5000	М					
6	Supply & Installation of 1C x 4 sq.mm. (Red Colour) (ISI marked cables, Make: Universal, Polycab, KEI,Ravin Cables, Torrent, Nicco) stranded copper conductor PVC insulated flameproof wires for point and circuit wiring as per IS.	3000	М					
7	Supply & Installation of 1C x 4 sq.mm. (Yellow Colour) (ISI marked cables, Make : Universal, Polycab, KEI,Ravin Cables, Torrent, Nicco) stranded copper conductor PVC insulated flameproof wires for point and circuit wiring as per IS.	3000	М					
8	Supply & Installation of 1C x 4 sq.mm. (Blue Colour) (ISI marked cables, Make: Universal, Polycab, KEI,Ravin Cables, Torrent, Nicco) stranded copper conductor PVC insulated flameproof wires for point and circuit wiring as per IS.	3000	М					
9	Supply & Installation of 1C x 4 sq.mm. (Black Colour) (ISI marked cables, Make: Universal, Polycab, KEI,Ravin Cables, Torrent, Nicco) stranded copper conductor PVC insulated flameproof wires for point and circuit wiring as per IS.	9000	М					
10	Supply & Installation of Heavy Duty, 25 mm (Heavy Duty MS ERW) dia black stoved vitrous enamelled conduits conforming to IS 9537 alongwith accessories such as T-connection, Saddles, etc. (to be estimated by the contractor) Make - BEC	3000	М					
11	Supply & Installation of Heavy Duty, 19 mm (Heavy Duty MS ERW) dia black stoved vitrous enamelled conduits conforming to IS 9537 alongwith accessories such as T-connection, Saddles, etc. (to be estimated by the contractor) Make - BEC	3000	М					
12	Supply & Installation of 2x18W or 36 W 2 X 2 LED Panels	400	Nos					
13	with complete housing and fixtures Supply & Installation of LED Luminaire of 72 Watts; Size - 580 x 287 x 108 mm; IP 66; 50000 burning hours; Colour - Warm White; LED Lamps Make - Nichia, Cree, Philips; Fixture Make - IS Certified (will be given later); Each LED shall offer minimum 130 Lumen/Watt	400	Nos					
14	Supply & Installation of 4 ft Single Arm Bracket for Street	400	Nos					
15	Light Pole as per the drawing Supply & Installation of PVC Flexible conduit of 1 inch size	2000	M					
16	(Grey colour) Supply & Installation of 50 x 6 mm Earthing flat	15000	M					
17	(Min.Galvanising thickness 85 micron) Supply & Installation of 25 x 3 mm Earthing flat	4000	M					
18	(Min.Galvanising thickness 85 micron) Supply & Installation of 230 V AC 1 phase, SPN + E industrial weatherproof welding socket with plug and dual	600	Nos					
19	pole MCB of 63 A rating, RR Make With canopy. Supply & Installation of Metal Clad Switchboard with 1 nos 6 Amp. switch + 1 nos 6 Amp. socket as required at site. Make - MK/Havells/Schneider/Anchor	800	Nos					
20	Supply & Installation of Metal Clad Switchboard with 2 nos 6 Amp. switch + 1 nos 6 Amp. socket as required at site. Make - MK/Havells/Schneider/Anchor	600	Nos					
21	Supply & Installation of Metal Clad Switchboard with 4 nos 6 Amp. switch + 1 nos 6 Amp. socket as required at site. Make - MK/Havells/Schneider/Anchor	600	Nos					
22	Supply & Installation of 6.5 Kg CO2 type fire extinguisher at work site including transportation, loading and unloading.	100	Nos					
23	Supply & Installation of 22.5 Kg DCP type fire extinguisher at work site including transportation, loading and unloading.	100	Nos					

Sr. No.	Goods / Services description	Qty.	UoM	Unit Price	Total Price	HSN / SAC	GST Rate	GST Amount
31. 110.		Qty.	OOW	INR	INR	Code	OST Kate	GST AIRIOUIT
24	Supply & Installation of Earthing pipe as per following specifications: - Type: - Pipe in pipe technology Outer ppe OD - 76-80 mm Inner pipe OD - 41 mm Wall Thickness - 3 mm Length - 3 m Material - GI "B" Class Galvanising Thickness - 100 microns Terminal Hole Diameter - 10 to 12 mm Warranty - 10 years on paper Backfill Compound (as provided by the below vendors) - 50 Kg Current Carrying Capacity - 60 kA for 1 sec Make - Saara Earthing India Pvt. Ltd. / Jeff Techno Solutions Pvt. Ltd. The installation of pipe includes Earthing Pipe & other required Material t.Method used of Boring Technique alongwith testing the pipe for resistance Note: - Earthing connection from the grid to the pipe to be done using 2 nos of 50 x 6 mm earthing strip.	500	Nos					
25	Construction of 450 X 450 X 600 mm Treated Earthing Pit including excavation, PCC, brickworks, plastering, backfilling, removal of excess soil and required material for it. Fixing of 450 X 450 X 100 mm heavy duty precast RCC Chamber cover having load bearing capacity upto 8 TONS, all labour included. All earth pits to have name plate indicating the resistance of pit, pit number, load bearing capacity 8T etc. as directed by the site engineer	500	Nos					
26	Supply,Installation, Testing & Commissioning of 400 KVA PSS including loading, unloading & transportation to work site. Tests to be carried out as per AEML Specifications and as instructed by Site Enginner.	100	Nos					
27	Supply, Installation, Testing & Commissioning of 400 A AC Distribution PANEL including loading, unloading & transportation to work site.	100	Nos					
28	Supply,Installation, Testing & Commissioning of 850VA INVERTER and 150 AH BATTERY including loading, unloading & transportation to work site.	0	Nos					
29	Supply and Laying of 11KV, earth grade, 3Cx15Osq.mm Al conductor, XLPE insulated armoured power cable (in readymade trenches or in trays) including loading, unloading & transportation to work site & protecting with cover tiles and providing tagging as per relevant standards.	2000	М					
30	Supply and Termination of 11 kV, 3Cx150 sq.mm. XLPE cable Indoor / Outdoor including loading, unloading & transportation to work site.	200	Nos					
31	Supply, Laying, testing and commissioning of 1.1 KV, 3.5C x 300 sq.mm. A2XFY cable with stranded copper conductor in ready made trenches or trays alongwith fixing of cable clamps, identification tags and excluding excavation and backfilling also includes loading, unloading & transportation to work site & protecting with cover tiles and providing tagging as per relevant standards.	5000	М					
32	Supply,Installation and Termination of 1.1 kV, 3.5C x 300 sq.mm grade XLPE insulated, multistranded armoured aluminium power cable including required nickel plated brass double compression weather proof cable gland and Ring type Aluminium Tubular long barrel lugs. It also include preparing hole for gland and blanking it (if any hole left empty) with M-seal / any other suitable method as per instruction by site incharge.	200	Nos					
33	Supply, Laying, testing and commissioning of 1.1 KV, 4C x 25 sq.mm. A2XFY cable with stranded copper conductor in ready made trenches or trays alongwith fixing of cable clamps, identification tags and excluding excavation and backfilling also includes loading, unloading & transportation to work site & protecting with cover tiles and providing tagging as per relevant standards. The cable drum to be returned to the stores as directed by the site engineer	12000	М					

Sr. No.	Goods / Services description	Qty.	UoM	Unit Price	Total Price	HSN / SAC	GST Rate	GST Amount
31.140.	Goods / Services description	City.	OOW	INR	INR	Code	GS1 Kate	GST AIIIOUIT
34	Supply, Installation and Termination of 1.1 kV, 4C x 25 sq.mm grade XLPE insulated, multistranded armoured aluminium power cable including required nickel plated brass double compression weather proof cable gland and Ring type Aluminium Tubular long barrel lugs. It also include preparing hole for gland and blanking it (if any hole left empty) with M-seal / any other suitable method as per instruction by site incharge.	2400	Nos					
35	Supply,Installation testing & commissioning of 415 V light panel I/D including loading, unloading & transportation to work site.	100	Nos					
	Basic Price - Civil & Electrical Works							
	GST							
	Total - Civil & Electrical Works							

Note * Prices quoted by bidder shall be valid for minimum 50% of BOQ

Details of Bidder's Authorised Signatory							
Signature	:						
Name	:						
Designation	:						
Bidder's Stamp	:						