



HALDIA MUNICIPALITY
Dr. B. R. Ambedkar Bhavan Administrative Building City Centre
P.O. Debhog, Haldia-721657, Dist: Purba Medinipur

Memo No. 695/HM/2024

Dated-07.02.2023

Tender NIT No- WBMAD/NIT-1830/HM/2023-2024

NOTICE FOR EXPRESSION OF INTEREST

The Administrator, Haldia Municipality invites Expression for interest (EOI) for selection of suitable rate for the following **Regarding Setting up of EV-Charging Station at City Center Morh beside newly constructed SDO Office Building** from eligible & resourceful companies/ firms/ suppliers/ Agencies. Intending bidders are requested to submit their application at their own letter head in writing/ typing suitable rate against EOI notice in a sealed envelope. It is not obligatory to accept any of the proposal about the matters of EOI notice by the agencies. After end of the selection of EOI, the evaluation rate will be determined in the tender.

Sl. No.	Charger Type	Quantity	Suitable imposed rates with GST
1	7.4 KW AC (CCS TYPE-2)	1 No.	
2	10 KW AC (AC TYPE-001) 3 Outlets	1 No.	
3	60 KW DC First Charger (CCS type-2) 2 Gun	1 No.	
4	82 KW DC First Charger (CCS type-2) 3 Gun	1 No.	
5	Software	1 No.	
6	LT Panel	1 No.	

Detail Technical Specifications of EV-Charging Station is stated below:

Sl. No.	Charger Type	Technical specifications/Details		Quantity
1	7.4 KW AC (CCS TYPE – 2)	Maximum Output Power Rating	7.4 kW AC	1
		AC Input Voltage Rating	Single Phase 240 V AC	
		AC Output Voltage Rating	220V - 240V	
		Output Current Type	32A	
		Simultaneous EV charging qty	1	
		Rated Frequency	50Hz	
		Energy Metering	Class 1 (+ 1%)	
		AC Wiring	Single Phase	
		Earth Fault Detection	Yes (Orange Colour Blinks)	
		Electrical Safety	IEC 60898-1	
		Tamper Proof	Yes	
		Emergency Stop Button	Yes	
		MCB	Yes	
		Surge Protection	Yes	
		Over Current Protection	Yes	
		Under Voltage	Yes	
		Bluetooth	Yes	
		WiFi	Yes	
		GSM (SIM) 2G	Yes	

		Socket Type/Connector Type	AC Type-2	
		IOT Enabled	Yes	
		Body Material	PC - ABS Blend	
		Screen Display	Yes	
2	10 KW AC (AC TYPE 001) 3 Outlets	Maximum Output Power Rating	10 kW AC	1
		AC Input Voltage Rating	Single Phase 240 V AC	
		AC Output Voltage Rating	220V - 240V	
		Output Current Type	16A (3-Pin Socket-3 nos)	
		Simultaneous EV charging qty	3 Vehicles	
		Rated Frequency	50Hz	
		Energy Metering	Class 1 (+ 1%)	
		AC Wiring	Single Phase	
		Earth Fault Detection	Yes (Orange Colour Blinks)	
		Electrical Safety	IEC 60898-1	
		Tamper Proof	Yes	
		Emergency Stop Button	Yes	
		MCB	Yes	
		Surge Protection	Yes	
		Over Current Protection	Yes	
		Under Voltage	Yes	
		Bluetooth	Yes	
		WiFi	Yes	
		GSM (SIM) 2G	Yes	
		Socket Type/Connector Type	3-Pin Sockets - 3 nos	
		IOT Enabled	Yes	
		Body Material	Polycarbonate Enclosure	
		Screen Display	Yes	
3	60 KW DC first charger (CCS type – 2) 2 Gun	Maximum Output Power Rating	60 KW DC	1
		DC Output Voltage Rating	200 - 1000 VDC	
		Outlet 2 NOS (Optional)	CCS-2 100 A	
			GB/T 100 A	
		DC Power Class	FC 60 (60 kW / 200 A)	
		Simultaneous EV charging qty	1 or 2	
		Input Voltage (nominal)	380/400/415 Vac	
		Input Voltage Range	320 Vac – 520 Vac	
		AC Wiring	3-Phase (L1, L2, L3), N, PE	
		AC Power Rating	93 A, 65 kVA @ 400 Vac	
		Conversion Efficiency	≥ 95% (peak)	
		THD(i)	< 5 %	
		Power Factor	> 0.98	
		Inrush Current (Instant Impulse Current)	< 100 A	
		Surge Protection	Integrated - IEC 61000-4-5	
		Over Current	DC output: 101A @ 300V	
		Under Voltage	AC Input: < 280 Vac phase to phase	
		Over Voltage	AC Input: > 530 Vac phase to phase	
		Over Temperature	Auto de-rated above 55 °C ambient	
		Display	7" TFT LCD touch screen	
		Residual Current (Leakage)	< 60 mA	
		Over Voltage Category	III	

		Connectivity	Internet access via Ethernet (RJ45)	
		Charge Option / User Authentication	RFID, mobile app, OTP, QR Code	
4	82 KW DC first charger (CCS type – 2) 3 Gun	Maximum Output Power Rating	82 KW DC	1
		DC Output Voltage Rating	200 - 1000 VDC	
		Outlet 2 NOS	CCS-2 100 A GB/T 100 A	
		DC Power Class	DC 60 (60 kW / 100 A)	
		Simultaneous EV charging qty	1 or 2 or 3	
		Outlet 3	AC Type-2 - 22kW	
		Input Voltage (nominal)	380/400/415 Vac	
		Input Voltage Range	320 Vac – 520 Vac	
		AC Wiring	3-Phase (L1, L2, L3), N, PE	
		AC Power Rating	125 A, 87 kVA @ 400 Vac	
		Conversion Efficiency	≥ 95% (peak)	
		THD(i)	< 5 %	
		Power Factor	> 0.98	
		Inrush Current (Instant Impulse Current)	< 100 A	
		Surge Protection	Integrated - IEC 61000-4-5	
		Over Current	DC output: 101A @ 300V	
		Under Voltage	AC Input: < 280 Vac phase to phase	
		Over Voltage	AC Input: > 530 Vac phase to phase	
		Over Temperature	Auto de-rated above 55 °C ambient	
		Display	7" TFT LCD touch screen	
		Residual Current (Leakage)	< 30 mA	
		Over Voltage Category	III	
		Connectivity	Internet access via Ethernet (RJ45)	
		Charge Option / User Authentication	RFID, mobile app, OTP, QR Code	
5	Software	OCPP -1.6		
6	LT Panel	300A Bus Bar, 300A FP MCB with enclosure and C – channel and stand /wall mount		

Last date of dropping quotation : 19.02.2024 up to 12.00 Noon.

Date of opening the quotation : 19.02.2024 at 2.00 P.M.

The questioners are requested to remain present at the office at the time of opening the quotation.

Sd/-

Administrator
Haldia Municipality

Memo No. 695/(07)/HM/2024

Dated-07.02.2023

Copy for information & given publicity through Notice Board:-

1. The Chief Executive Officer, Haldia Development Authority.
2. The Assistant Labour, Haldia.
3. The Sub-Divisional Officer, Haldia.
4. Notice Board, Haldia Municipality.
5. The Head Clerk, Haldia Municipality
6. The Accountant, Haldia Municipality.
7. Guard File.

Sd/-

Administrator
Haldia Municipality