

The World Spa Apartment Owners Association				
Sector -30/41 Gurugraon				
BOQ For EV Charging Panel				
S. NO	Description	Rating	Make	Qty
	EV Charging Panel Indoor type			11
A)	Incomer Feeder			
1	MCCB 36KA TP (TM with agj. O/L & SC Protection) Extended rotary handle for MCCB, Cu.spreader terminals For MCCB Aux Contact for MCCB	250A	Schneider	1
2	Power Contactor with auxiliary contact	250A, FP	Schneider	
3	R/Y/B Phase Indicators LED Type		L&T-Esbee/Essen	1 set
4	Digital multifunctional meter with RS 485 port	CTR...../5	Schneider/Elmeasure	1
5	CT's Cl-1, 15VA for Metering-cast resin	CTR 250/5	AE/Kappa or Eqv.	1 set
6	Control MCB-10kA (C-Curve)	6A,SP	Schneider	Lot
7	CT Disconnecter Terminals & Neutral Link	16A	Connectwell/Elmex	Lot
B)	Main Aluminum Bus Bar:-	300A TPN	Hindalco	
	High Conductivity Al. flat bus bar EC grade size of bus-bar 30mm x 10mm with high conductivity with color coded Heat Shrinkable Sleeves		E91E Grade	
C)	Out going MCB feeder:-			
	Power MCB-10kA (C-Curve)	63A FP	Schneider	12
	Spare provision for Energy Meter 3Ø		Space Only	12
	Power terminal for input & output with copper lead 10Sqmm		Connectwell/Elmex	Lot
D)	Meter Board Panel for EV Charging Satation size height 2100mm width 1700mm depth 350mm , panel fabricated out of 14/16 gauge (2mm) thick CRCA sheet, complete inclosure power coated grey shade (RA - 7035)		TATA/Essar	11
Supply & Installation filing electrical items				
1	XLPE 3.5c 120sqmm Al.Arm cable	120Sqmm	Havells	1700mtr
	Termination of above cable with single compression Brass gland, Al.Lugs, PVC tape,cable tie etc			22points
2	3C 1.5sqmm cu.Arm cable	1.5 sqmm	Havells	500Mtr
	Termination of above cable with single compression brass gland , cu lugs,PVC tape,cable tie etc			11 points
3	200x50x1.6mm Ms powder coated/GI perforated cable tray with support as per site requirement.			200mtr
4	25x6 GI strip with hardware and shaddles as per site requirement.			200Mtr
Sub total				
Total Amount				

** All control wiring must be done with FRLS Cu.Flx wire (2.5sqmm for CT & 1.5sqmm for other)

** All hinged doors shall be suitably earthed.

** All hardware shall be zinc chromate passivated.

** All Doors/covers shall be provided with neoprene gasket.

** Base channel of ISMC-75x43mm must be provided at base of free standing panels.

** Busduct entry for top and cable entry from Top

** All MCCB shall be with load facility.

** Panel Lights (CFL) & axial fans with filter shall provide upper side or side panel

** Installation charge quote seperately/ infront of line items



Udairaj Singh
Technical Manager



Harpreet Singh
Estate Head

Authorized BOM
TWSAOA

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