



CORRIGENDUM

ATDC/NHO/RP/SMART/05/21/TE-03 Dated:20/06/2014

The Specifications of DG Set 15 & 30 KVA have been modified as per the discussions held during pre-bid meeting. The detailed specifications are given under which are to be taken into account while submitting Techno-Financial Bids.

Specifications of DG SET 15 KVA & 30 KVA


SL No.	Specifications	Parameters		Specifications of item quoted
		15 KVA	30 KVA	
1.	Capacity	15 KVA	30 KVA	
2.	No. of phase	3	3	
3.	Volts	415	415	
4.	Dimension	1650X900X1220	2250X1050X1490	May vary as per the OEM's dimension
5.	Weight	700-1200 kgs	1150-1550 Kgs	
Engine				
6.	RPM	1500	1500	
7.	HP Rating	22-25	40-48.5	
8.	No.of Cylinders	2-4	2-4	
9.	Type of Engine Cooling	Air Cooling/water cooling		
Alternator: The alternators shall be screen-protected drip proof with Min.IP-23 degree of protection as per IS: 4691/85.				
10.	Make	Exel/CGL/Stamford	Exel/CGL/Stamford	
11.	Voltage Regulation	±-1%	±-1%	
12.	Power Factor	0.8 lag	0.8 lag	
13.	Battery	SMF, 12V, 90AH with lead.	SMF, 12V, 120/130 AH with lead.	
14.	Battery Charger	Battery charger complete with voltage regulator, float or booster selector switch, on-off switch, voltmeter and ammeter for charging the battery from mains. This will		

		be in addition to the battery charging alternator fitted on the engine.	
Manual Control Panel			
	The Control Panel shall be fabricated from steel sheet of 1.5 mm thickness minimum duly pre-treated and aesthetically finished. The Control Panel shall be totally enclosed, dust and vermin proof, floor mounted or wall mounted/skid mounted or integral type with IP-53 degree of protection as per IS: 13947(pt. 1)/1993(reaffirmed 2004).		
15.	Composite meter for digital display	(i) Generator voltage. ii) Load Current. iii) Frequency iv) MCB of suitable rating	
16.	Push Button Switch	ON & OFF	
17.	Pilot Lamps	one for each phase, one for load on set and one for charging on	
18.	Standard Tool Kit	Standard set of tools consisting of set of 3 spanners, Screw driver, Standard plier and Nose plier of appropriate size shall be provided along with DG sets free of cost for each of DG sets	
<p>Earthing Pits: Four in numbers with G.I. medium pipe 3.0 Mtrs long and 40mm dia including accessories 250x50x6mm G.I. clamp with 12mm bolt, nut and washer for connecting earth wire, RRC ring enclosure and cover plate complete as required.</p> <p>Supply and laying of 25 x 3 mm copper flat underground at a depth of one and connecting with earth electrode for neutral & body earth.</p>			
<p>Supply & Laying of Cable: 4x25 sq.mm for 15 KVA, 4 x 35 sq. mm for 30 KVA Aluminium armoured UG cable not less than 10 mtrs from DG set to control panel, metering panel to control panel and control panel to distribution.</p>			
<p>Manual Change over Switch: Supplying & fixing of 32 Amps for 15 KVA/63 Amps for 30 KVA, 4 pole Change Over switch.</p>			

Under Terms & Conditions

Services: Free of cost Quarterly onsite service to be provided by the supplier.

Compliance: DG Set 15/30 KVA should be under CPCB-II compliance and should be certified by Automotive Research Association of India (ARAI).


 (Dr.R.A.Lal)
 HOD (RP/PP)