

SCOPE OF WORKS

PURCHASE OF MACHINERY AND EQUIPMENT (SUPPLY, DELIVERY, INSTALLATION, TESTING AND COMMISSIONING OF 750KVA STANDBY GENSET, TRANSFER SWITCHES, DISTRIBUTION PANELS, INCLUDING GENERATOR HOUSE AND UNDERGROUND CABLING)



PDISS – Technical Planning Committee
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SUPPLY, DELIVERY, INSTALLATION, TESTING AND COMMISIONING OF ONE UNIT 750 KVA STANDBY GENERATOR SET C/W ACCESSORIES, DISTRIBUTION PANELS, TRANSFER SWITCH, WIRINGS, AND RACEWAYS INCLUDING GENERATOR HOUSE

GENERATOR SET

I. GENERATOR SPECIFICATIONS:

G	Prime Power (kW)	545kW
Responses	Standby Power (kW)	600kW
E	Rated Voltage (V)	230V
N	Rated Frequency (Hz)	60
S	Rated Speed (RPM)	1800
E	Power Factor	.8LAG
T	Dimension (mm) (L x W x H)	4300 × 1900 × 2300
Securitary (Market Market Mark	Genset Weight (kg)	6500
everous deprenation (1900)	Number of Cylinders	6 in line
E	Cycle	Four stroke
N G	Aspiration	Turbocharged & air to air intercooled; direct injection
I	Bore x Stroke (mm)	159*159
N	Displacement (L)	18.9
E	Starting Method	24V Electric Motor Starters
AANDRIVAA VIII KARAA	Speed Governor	Electronic
Alexande supplementation	Cooling Way	Water-cooled system
W.DVOPACITIES OF LANGES	Fuel consumption @100% load Prime load	161L/h
ereedov Productival productival	Compression Rate	13.1
BUTALISATIONAL	Lube Oil Capacity	50
A L	Cooling way	Axial, Self-ventilated

