

CROSS WORLD POWER LIMITED
BOQ OF 1X100 KVA GENERATOR

CLIENT - Dynamic Corporation

ADDRESS-GULSHAN-1

DATE- 20-06-19

GEN MODEL-

ENGINE MODEL-

ALTERNATOR MODEL-

SL NO	JOB DESCRIPTION	TECHNICAL DETAILS/ BRAND	SCOPE OF SUPPLY	UOM	QTY	UNIT RATE	TOTAL RATE	REMARKS
1	Electrical System:							
1.1	Power Cable (35 °C Ambient on air)	4C- 70 mm NYY DG To ATS 4C- 70 mm NYY ATS To Load 4C- 50 mm mm NYY ATS to Mains		Meter	22 5 10	2649 2649 1923	58278 13245 19230.0	
1.2	Power Cable Lugs	70 mm , Material -Copper , Surface -Electro Tinned 50 mm , Material -Copper , Surface -Electro Tinned		Pcs Pcs	20 18	53 33	1060.0 594.0	
1.3	Control cable For Sensing	4 X 1.2 mm (40/0.19 mm)Flexible Cable		Meter	52	87	4524.0	
1.4	PVC Flexible Pipe	2.5" dia		Meter	40	95	3800.0	
1.5	Saddle for flexible pipe	2.5" dia local		pcs	60	8	480.0	
1.6	Royal Plug & Screw	10 no & 1.5" length		Pack	2	171	342.0	
1.7	PVC Tape	Adhesive Tape 04 color (Red/Yellow/Black/Blue)		Pcs	8	29	232.0	
1.8	PIB Tape			Pcs	2	461	922.0	
1.9	Royal Bolt	10 no.		Pcs	16	18	288.0	
1.10	Cable Tie	L - 8"		Pack	1	138	138.0	
1.11	Power Cable Laying	4C 70mm		Meter	37	60	2220.0	Scaffolding or verical arrangement will be required
1.12	Manual Changeover			NOS	1	18000	18000.0	
1.13	Breaker	MCCB 100A UAB100C		NOS	2	3150	6300.0	
1.14	BOX for Breaker setup	Sheet steel fabricated, wall mounting, tropicalized design Dimension LXWXD= 2'X2'X10" with Breaker setup Steel frem.		NOS	1	12000	12000.0	
2	Generator Earthing :						0.0	
2.1	Earthing Copper Lead Termination	2 SWG		Meter	25	461	11525.0	
2.2	PVC Flexible Pipe	3/4" inner dia		Meter	25	22	550.0	
2.3	Earhting Block	Dimension LXWXD - 200mm X 30mm X 5mm with connection facility		Pc	1	2105	2105.0	
2.4	Earthing Cable	1 X 16 mm BYA (Green) from Earthing Copper bar to gen & equipment		Meter	10	145	1450.0	
2.5	Earthing Cable lugs	16 mm Material -Copper , Surface -Electro Tinned		Pcs	6	11	66.0	
3	Exhaust System:							
3.1	Exhaust Silencer straight Pipe	MS Pipe bore 3" ,thickness 3-4mm		Meter	5	1726	8630.0	
3.2	Exhaust Bends /Elbow	Long radius 90 deg L bow 3"		Pcs	2	724	1448.0	
3.3	Exhaust Socket	3"		Pcs	2	592	1184.0	
3.4	Exhaust Heat Insulation	Insulation Of Pipe with Glasswool (25.4mm min thickness) along with 26SWG Aluminium sheet cladding.		Job	1	5222	5222.0	
3.5	Exhasut Fitting	All bracket , support must be made with MS angle 50X50X 4, 5 & 6 MM		Job	1	4134	4134.0	
04	Cooling System:							
4.1	Radiator Ducting	As per layout with 20/22 SWG MS sheet,Angle bar, flat bar support.Canvas cloth etc		Sq-ft	N/A			
5	Commissioning Material:							
5.1	Radiator coolant	Havoline Premix Coolant		Liter	15	160	2400.0	
5.2	Lube oil	SAE 15 W 40		Liter	10	420	4200.0	
5.3	Battery electrolyte	Specific gravity 1250		Liter	10	90	900.0	
06	DG On site delivery:							
6.1	Loading /Unloading/Lifting	Generator dry weight-2600 Kg	CWPL	Job	1			
7	Civil Work							
7.1	DG Base	LXWXD=7'2"X3'5"X6"		JOB	1			

TOTAL TK.(Excluding VAT & AIT)

185467.0

All civil work done by client

Final Price - 1,75,000/- /march 08/07/19
