

CROSS WORLD POWER LIMITED
BOQ OF 1X60KVA GENERATOR

CLIENT - ZAASTEX Ltd

ADDRESS-BASHUNDHARA R/A,Dhaka

DATE- 5.02.19

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)	1C 35rm NYY DG to ATS 1C 35rm NYY MAINS to ATS 1C 35rm NYY ATS toLOAD		Meter	15 25 27	333 333 333	4,995 8,325 8,991	
1.2	Control cable For Sensing	4 X 1.2 rm (40/0.19 mm)Flexible Cable			9	87	783	
1.3	Power Cable Lugs	35 rm , Material -Copper , Surface -Electro Tinned		Pcs	26	24	624	
1.4	PVC Flexible Pipe	2.5" dia		Meter	15	95	1,425	
1.5	Saddle for flexible pipe	2.5" dia local		Pcs	30	8	240	
1.6	Royal Plug & Screw	10no & 1.5" length		Pack	1	171	171	
1.7	PVC Tape	Adhesive Tape 04 colour (Red/Yellow/Black/Blue)		Pcs	4	29	116	
1.8	Royal Bolt	10 no.		Pcs	10	18	180	
1.9	Cable Tie	L - 8"		Pack	1	138	138	
1.10	Power Cable Laying	35rm NYY Power Cable Laying & Installation work.		Meter	67	26	1,742	
2	Generator Earthing :							
2.1	Earthing Boring	100ft	CLIENT	Job				ALREADY EXIST
2.2	Earthing copper lead	4 SWG		Meter				
2.3	Earthing lead termination	4 SWG		Meter				
2.4	Earthing Cable	1C 16 rm BYA (Green) from Earthing Copper bar to gen & equipment		Meter				
2.5	Earthing Block	Dimension LXWXD=200mmx30mmx5mm with connection facility		Pcs	1	2,105	2,105	
2.6	Earthing Cable lugs	16 rm Material -Copper , Surface -Electro Tinned		Pcs	4	11	44	
3	Exhaust System:							
3.1	Exhaust silencer straight pipe	MS Pipe bore 4" ,thickness 3-4mm		Meter	5	1,942	9,710	
3.2	Exhaust bends/Elbow	Long radius 90 deg L bow 4" bore		Pcs	2	855	1,710	
3.3	Reducer	3" to 4"		Pcs	1	724	724	
3.4	Exhaust Heat Insulation	Insulation Of Pipe with Rockwool (25.4mm min thickness) along with 26SWG Aluminium sheet clading.		Job	1	2,590	2,590	
3.5	Exhaust Fitting	All bracket , support must be made with MS angle 50X50X 4, 5 & 6 MM		Job	1	2,160	2,160	
4	Cooling System:							
4.1	Radiator Ducting	(WXH) inch- (2.1'X2.1') Feet L- FT As per layout with 22 SWG MS sheet,Angle bar, flat bar support,Canvas cloth, iron net mesh etc		Sq-ft	N/A			
5	Commissioning Material:							
5.1	Radiator coolant	Havoline Premix Coolant		Liter	10	160	1,600	
5.2	Lube oil	SAE 15 W 40		Liter	10	420	4,200	
5.3	Battery electrolyte	Specific gravity 1250		Liter	10	90	900	
6	DG On site delivery:							
6.1	Loading /Unloading/Lifting	Generator dry weight-1500 Kg	CWPL	Job	1			
7	Civil Work							
7.1	Required DG base	Size-LXWXD(inch)=9'6"X4'2"X5"	CLIENT	Job	1			
TOTAL TK.(Excluding VAT & AIT)							53,473	

Note:All required civil work will be done by client.

100% before delivery. (Advance - Paid)

53,000

(Approved)

As per SP. Rashed

13/02/19