

CROSS WORLD POWER LIMITED

REV. BOQ OF 1X200kVA GENERATOR

CLIENT - Daffodil International University

ADDRESS- Datta Para, Savar,

DATE- 16.08.18

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 120rm NYY DG-ATS 1C 120rm NYY MAINS-ATS 1C 120rm NYY ATS-LOAD	CLIENT	Meter	N/A	-		
1.2	Control cable For Sensing	4 X 1.2 rm (40/0.19 mm)Flexible Cable			150	87.00	13,050.00	
1.3	Power Cable Lugs	120 rm , Material -Copper , Surface-Electro Tinned		Pcs	26	99.00	2,574.00	
1.4	PVC Flexible Pipe	3" dia	CLIENT	Meter		-		
1.5	Saddle for flexible pipe	3" dia local	CLIENT	Pcs	N/A	-		
1.6	Royal Plug & Screw	1.5" length	CLIENT	Pack		-		
1.7	PVC Tape	Adhesive Tape 04 color (Red/Yellow/Black/Blue)		Pcs	8	29.00	232.00	
1.8	PIB Tape			Pcs	2	461.00	922.00	
1.9	Royal Bolt	10 no.		Pcs	10	18.00	180.00	
1.10	Cable Tie	L - 8"/10"		Pack	2	158.00	316.00	
1.11	Power Cable Laying	120rm NYY Power Cable Laying & Installation work. Running Length- 200Meter		Job	1	10,321.00	10,321.00	
2	Generator Earthing :							
	Earthing Boring	Earthing of electrical installation with 25.4 mm (1") dia G.I. pipe throughly (2swg earth electrode) having 6.35 mm dia holes across dia at 305 mm interval securedly bonded with washer, nuts, bolts etc. sunk upto a depth of 100 ft with GIP pipe to attain earth resistance <1 ohm including blind socket for water pouring facility.	CLIENT	Job		-		
	Earthing Copper Lead	Installation of solid cooper wire earthing lead 2 SWG in 25.4 mm dia GI pipe & termination of connection at both end		Meter	N/A	-		
2.1	Earhting Block	Dimension LXWDX - 250mm X 25mm X 3mm with connection facility, isolator, royal bolt etc		Pcs		-		
2.2	Earthing Cable	1C 70 rm BYA (Green) from Earthing Copper bar to gen & equipment		Meter		-		
2.3	Earthing Cable lugs	25 rm Material -Copper , Surface-Electro Tinned		Pcs		-		
3	Exhaust System:							
3.1	Exhaust Silencer straight Pipe	MS Pipe bore 5" ,thickness 3-4mm		Feet(Approx)	5	3,668.00	18,340.00	
3.2	Exhaust Bends /Elbow	Long radius 90 deg L bow 5" bore		Pcs	2	1,250.00	2,500.00	
3.3	Exhaust Flange	Welding neck flange 150mm dia		Pcs	6	592.00	3,552.00	
3.6	Exhaust Heat Insulation	Insulation Of Pipe with Rockwool (25.4mm min thickness) along with 26SWG Aluminium sheet clading.		Job	1	4,316.00	4,316.00	
	Silencer Box Heat Insulation			Job	1	3,289.00	3,289.00	
3.7	Exhasut Fitting	All bracket , support must be made with MS angle 50X50X 4, 5 & 6 MM		Job	1	3,236.00	3,236.00	
	Silencer Box Fitting			Job	1	2,632.00	2,632.00	
4	Cooling System:							
4.1	Radiator Ducting	(WXH) inch- (2.1'X2.1') Feet L- 10FT As per layout with 20/22 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	Client	Liter	N/A			
5.2	Lube oil	SAE 15 W 40		Liter	35	461.00	16,135.00	
5.3	Battery electrolyte	Specific gravity 1250		Liter	20	66.00	1,320.00	
TOTAL:							82,915	

* 100% payment after completion .

TOTAL:

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Approved .