



PACKAGING & ACCESSORIES

27 March 2021

PO No.: ETL/PD/2103-AD-00501

In favor of **Cross World Power Limited** Plot # 1/B, R # 90, Gulshan-2 Dhaka-1212, Bangladesh Phone: (880 2) 5881 1858, 989 1442

Purchase/Work Order for "200 KVA 3 Phase Heavy Duty Diesel Generating Set"

Dear Mr. Md. Sohedl Uddin Bhuiyan,

With the reference to your quotation submitted to Enam Trims Ltd. is pleased to award the Purchase Order to supply the following items as per specifications given below. Please see below the requirements and conditions:

S. No.	Product Description	Unit	Price (BDT)	Quantity	Total Price (BDT)
1	BIDEFORD Brand 200 KVA (Prime) Rating Diesel Generator with Perkins engine and Mecc- Alte alternator BRAND: Bideford ENGINE: Perkins, UK ALTERNATOR: Mecc Alte, UK CONTROL MODULE: Deepsea, UK PORT OF SHIPMENT: Any port, UK AVAILABILITY: 5 to 15 days from ready stock subject to availability	Set	2,100,000.00	1.00	2,100,000.00
2	Commissioning Materials, Exhaust System, Cooling System & DG on site delivery (As per attached BOQ)	Set	90,000.00	1.00	90,000.00
Grand	2,190,000.00				

In Words: Twenty-One Lac Ninety Thousand Taka Only.



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Terms & Conditions:

- 1. Payment Terms: 10% amount should be paid along with work order, 50% will be paid before delivery & Final 40% given 4 months installment which postdated cheque (PDC) will be given before delivery.
- 2. Installation & Commissioning Charge: Free of Cost.
- 3. Delivery Place: Enam Trims Ltd, Samair, Birulia, Saver, Dhaka.
- 4. Delivery Date: As per Quotation/Required Date by Enam Trims Limited.
- 5. Quality Inspection: You must maintain the quality of goods & Packing as per our required specifications otherwise, Goods/product shall be replaced if any contrary found.

As above cited details, you are requested to take the necessary action to initiate the delivery & installation process of 200 KVA (Prime) Rating Diesel Generator with Perkins engine and Mecc-Alte alternator.

Authorized by

Assistant General Manager

HR, Admin & Compliance

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CROSS WORLD POWER LIMITED BOQ OF 200kVA GENERATOR CLIENT -ENAM TRIM LTD.

CLIENT - ENAM TRIM LTD. ADDRESS- BIRULIA, ASHULIA DATE-21.11.2020

GEN MODEL- ENGINE MODEL- ALTERNATOR MODEL-

GEN MO	DEL-		ALTERNATOR MO	DEL-				
SL NO	JOB DESCRIPTION	TECHNICAL DETAILS/ BRAND	SCOPE OF SUPPLY	иом	QTY	UNIT RATE	TOTAL RATE	REMARKS
1	Electrical System:		00					
	-	4X1C-185 rm NYY DG To ATS		A	85	2,561	218,601	Quantity may vary upon the
1.1	Power Cable (35 °C Ambient on air)	4X1C-185 rm NYY ATS To LOAD	Client	Approx.	N/A		-	panel location and as well a
	,	4X1C-185 rm rm NYY ATS To MAINS		Meter	N/A		_	laying route
1.2	Power Cable Lugs	185 rm Material -Copper , Surface-Electro Tinned		Pcs	10	132	1,320	
				Meter				
1.3	Control cable For Sensing	4X 1.2 rm (40/0.19 mm) Flexible Cable		Approx.	46	90	4,116	depend on site condition
1.4	PVC Flexible Pipe	1" Dia		Meter	22	26	572	
	PVC Tape	Adhesive Tape 04 color (Red/Yellow/Black/Blue)		Pcs	8		232	
		Hallesive Tape 04 color (Rea/Tellow/Black/Blac)			1		461	
	PIB Tape	10		Pcs				
	Royal Bolt	10 no.		Pcs	10		180	
1.8	Cable Tie	L - 8"/10"		Pack	4	158	632	
1.9	Cable Ladder	300X50 mm Made with 37x37x5 mm MS angle & 37x5 mm flatbar with painting. Support with threaded stick MS/GI rod, lock nut bolt and washer.	Client	Meter Approx.	16	1,695	27,389	depend on site condition
1.10	Cable Laying system	Cable laying and termination system		Meter	85	118	10,073	depend on site condition
2	Earthing System						-	
	Earth Inspection Pit	L X W X D- 600x600x600 mm with Brick, 100mm thick RCC slab with 400mm CI manhole		Nos.		-	-	
2.2	Earthing Boring	1nos, 30m boring depth	Client	Meter	N/A	-	-	Already done by client
2.3	GI Pipe (Boring)	38.1mm Dia G.I. Pipe with accessories		Meter		_	_	1
2.0	, .	Installation of solid cooper wire earthing lead 2 SWG in 38.1 mm dia		motor	-			- - -
	Earthing Copper Lead (Boring)		_	Meter		-	-	
2.4		GI pipe & termination of connection at both end		Matan				
	Earthing Copper Lead (Termination)	Installation of solid cooper wire earthing lead 2 SWG in 38.1 mm dia		Meter		-	-	
	3 - 11	GI pipe & termination of connection at both end		Approx.				
2.5	Earthing Block	Dimension LXWXD - 250mm X 40mm X 5mm with connection facility		Nos.	1	2,368	2,368	
2.6	Earthing Cable	1 X 50rm BYA (Green) from Earting pit to Copper bar to gen & equipment		Meter Approx.	8	642	5,139	
2.7	Earth cable lugs	50rm Material -Copper , Surface-Electro Tinned		Nos.	6	33	198	
3	Exhaust System:							
3.1	Exhaust Silencer straight Pipe	MS Pipe bore 5", thickness 3-4mm		Meter	9	3,668	33 012	depend on site condition
3.2	Exhaust Bends /Elbow	Long radius 90 deg L bow 6" bore		Pcs	3		3,750	depend on site condition
3.3	Exhaust Bends / Elbow with Flange	Welding neck flange 6" dia		Pcs	5		2,960	
3.3	Exhaust behus / Elbow with Flarige	Insulation Of Pipe with Rockwool (50mm thickness) along with		FUS		392	2,900	
3.4	Exhaust Heat Insulation for 5" dia pipe			Meter	9	863	7,767	
	Enhance Heat Involution for Anna	26SWG GP sheet jacketing						
3.5	Exhaust Heat Insulation for 1nos.	Insulation Of Pipe with Rockwool (50mm thickness) along with		Job	1	3,289	3,289	
	silencer box	26SWG GP sheet jacketing						
3.6	Exhasut Fitting for 5" dia pipe	All bracket , support must be made with MS angle 50X50X 4, 5 & 6		Meter	9	647	5,823	
3.7	Exhasut Fitting for 1nos. silencer box	MM All bracket , support must be made with MS angle 50X50X 4, 5 & 6		Job	1	2,632	2,632	
	•	MM	 	 	+	· .		
4	Cooling System:	As a see boson A with 00 CMO MC about As als have flat have					-	
	Radiator Ducting	As per layout with 22 SWG MS sheet,Angle bar, flat bar support,Canvas cloth etc. WXD-4'X2'; RFT-2'		Sq-ft	24	237	5,688	depend on site condition
	Commissioning Material:			!	 		-	
	Radiator coolant	Havoline Premix Coolent		Liter	30	160	4,800	
5.2	Lube oil	SAE 15 W 40		Liter	40	420	16,800	
	Battery electrolyte	Specific gravity 1.250		Liter	20	90	1,800	
5.4	Fuel	Diesel For Test Run		Liter	300	75	22,500	
6	DG On site delivery:						-	
	Loading /Unloading/Lifting	Generator dry weight-4200 Kg	CWPL	Job	1		-	No need to consider additional cost
	Civil Work							
7.2	DG Foundation	DG CC foundation WXLXH-16.5'X6'X3"	Client	Job	N/A	-	-	Existing floor level is okay
				TOTAL TV	(Excluding VA	T & AIT)	382,102	