

WORK ORDER

October 22, 2020

Ref: WO-SEL-COMM-0831-2020

CROSS WORLD POWER LTD.

Plot # 1/B, Road # 90,
Gulshan – 2, Dhaka – 1212.

Phone: 02-58811858
02-9891442

Attn : Mr. Moshirur Rahman
Mobile : 01755 514703

Subject : Ducting and Boring work for 250 KVA 3 Phase Heavy duty Diesel Generator at our Project "Jalshiri Project, Purbachal, Dhaka".

Dear Sir,

Reference to your Financial and Technical offer and subsequent discussions and negotiations with your good self, we are pleased to issue the work order for Ducting and Boring work for 250 KVA 3 Phase Heavy duty Diesel Generator at our Project "Sena Kallayan Songstha-Jalshiri Project, Purbachal, Dhaka" as per following specifications and under the following terms and conditions:

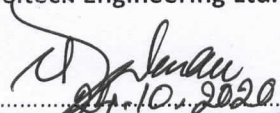
Specification	Unit	Qty	Total Price (BDT)
Ducting and Boring work for 250 KVA 3 Phase Heavy duty Diesel Generator	Nos	01	170,000.00
In Word: One Lac Seventy Thousand Taka Only.			

Terms & Conditions:

- Specification** : The quality & specification of the items must be maintained as per enclosed specifications with the quotation.
- Time of Work** : Work will be made as per site requirement.
- Measurement** : Measurement should be settled on the spot with presence and signature of both Party's representative when job is done.
- Mode of Payment** : Payment will be made gradually through A/C Payee cheque after submission of bill.
- VAT & AIT** : Including VAT & AIT.
- Penalty Amount** : 10% Amount will be deducted per day from your bill for delay, failure and bad quality.
- Accidental cause** : During construction period if any accident occurred (injured/death of worker) Then its whole liabilities have to be borne by the contractor. No compensation or liabilities will be borne by **Project (Sena kaylan songstha)** or **Sheltech**.
- Special condition** : The authority of Sheltech Engineering Ltd. reserves the right to accept or reject any or all of the work order without assigning any reason whatsoever.

If the work order together with the terms & conditions, is acceptable to you then please return us a copy of this work order with your seal & signature.

Thanking You,
Sheltech Engineering Ltd.


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Lt. Col. Mohammad Sayedur Rahman(Retd.)
Chief Engineer
Sheltech Engineering Ltd.

Sheltech Engineering Ltd.

Office : SHELTECH PANTHAKUNJO – (Level-13, 14B & 15), 17 Sukrabad (West Panthapath), Dhaka-1207, Bangladesh
Tel : (02) 9113643, (02) 9121664, (02) 9121674, E-mail : sheltech.engineering1@gmail.com

Corporate Office : Sheltech Tower – 55, Bir Uttam Qazi Nuruzzaman Road (West Panthapath), Dhaka-1205, Bangladesh
E-mail : sheltech@citechco.net, web site : www.sheltech-bd.com, Fax : 880-2-9143332, Tel : (02) 9143333-8, Cable : Shelhigh, GPO Box : 4190, Dhaka-1000

CROSS WORLD POWER LIMITED

BOQ OF 250KVA GENERATOR

CLIENT - SHELTECH ENGINEERING LTD

ADDRESS- NARAYANGONJ

DATE- 20.10.20

Cross-world

SL NO	JOB DESCRIPTION	TECHNICAL DETAILS / BRAND	SCOPE OF SUPPLY	UOM	QTY	UNIT RATE	TOTAL RATE	REMARKS
1	Electrical System:		Client	Meter	N/A	2,024		
1.1	Power Cable (35 °C Ambient on air)	1C-185 mm NYY DG To ATS		Meter	N/A	2,024		
1.2		1C-185 mm NYY ATS To LOAD		Meter	N/A	2,024		
1.3		1C-185 mm NYY ATS To MAINS		Meter	N/A	2,024		
1.4	Power Cable Lugs	185 mm Material -Copper , Surface-Electro Tinned		Pcs	10	132	1,320	16 pic client
1.5	Control cable For Sensing	4X 1.2 mm (40/0.19 mm) Flexible Cable		Meter	46	90	4,116	
1.6	PVC Flexible Pipe	1" Dia		Approx. Meter	46	26	1,196	
1.7	Saddle for Flexible Pipe	1" Dia Local		Pcs	46	4	184	
1.8	PVC Tape	Adhesive Tape 04 color (Red/Yellow/Black/Blue)		Pcs	8	29	232	
1.9	PJB Tape			Pcs	1	461	461	
1.10	Royal Bolt	10 no.		Pcs	10	18	180	
1.11	Cable Tie	L - 10"		Pack	4	158	632	
2	Earthing System		Client	Nos.	2	-	-	
2.1	Earth Inspection Pit	L X W X D- 600x600x600 mm with Brick, 100mm thick RCC slab with 400mm CI manhole		Job	2	7,237	14,474	
2.2	Earthing Boring	1nos. 30m boring depth		Meter	14	483	6,762	
2.3	GI Pipe (Boring)	38.1mm Dia G.I. Pipe with accessories		Meter	62	419	25,978	
2.4	Earthing Copper Lead (Boring)	Installation of solid copper wire earthing lead 2 SWG in 38.1 mm dia GI pipe & termination of connection at both end		Meter	18	419	7,542	
2.4	Earthing Copper Lead (Termination)	Installation of solid copper wire earthing lead 2 SWG in 38.1 mm dia GI pipe & termination of connection at both end		Meter	18	419	7,542	
2.5	Earthing Block	Dimension LXWxD - 250mm X 40mm X 5mm with connection facility		Nos.	2	2,368	4,736	
2.6	Earthing Cable	1 X 50mm BYA (Green) from Earthing pit to Copper bar to gen & equipment		Meter	6	-	-	client
2.7	Earth cable lugs	50mm Material -Copper , Surface-Electro Tinned		Approx. Nos.	6	33	198	
3	Exhaust System:			Meter	4	3,668	14,672	As per discuss with client
3.1	Exhaust Silencer straight Pipe	MS Pipe bore 5", thickness 3-4mm		Pcs	2	1,250	2,500	
3.2	Exhaust Silencer Elbow	Long radius 90 deg L bow 5" bore		Pcs	3	592	1,776	
3.3	Exhaust Bends / Elbow with Flange	Welding neck flange 5" dia		Meter	4	863	3,452	
3.4	Exhaust Heat Insulation for 5" dia pipe	Insulation Of Pipe with Rockwool (50mm thickness) along with 26SWG GP sheet jacketing		Job	1	3,289	3,289	
3.5	Exhaust Heat Insulation for 1nos. silencer box	Insulation Of Pipe with Rockwool (50mm thickness) along with 26SWG GP sheet jacketing		Meter	4	647	2,588	
3.6	Exhaust Fitting for 5" dia pipe	All bracket , support must be made with MS angle 50X50X 4, 5 & 6 MM		Meter	4	647	2,588	
3.7	Exhaust Fitting for 1nos. silencer box	All bracket , support must be made with MS angle 50X50X 4, 5 & 6 MM		Job	1	2,632	2,632	
4	Cooling System:			Sq-ft	120	262	31,440	Hot Air Exit- Top Exit
4.1	Radiator Ducting	As per layout with 22 SWG MS sheet, Angle bar, flat bar support, Canvas cloth etc. WXD-4'X2'; RFT-10'					-	
5	Commissioning Material:			Liter	30	160	4,800	
5.1	Radiator coolant	Havoline Premix Coolant		Liter	40	400	16,000	
5.2	Lube oil	SAE 15 W 40		Liter	20	90	1,800	
5.3	Battery electrolyte	Specific gravity 1.250		Liter	300	75	22,500	
5.4	Fuel	Diesel For Test Run					-	
6	DG On site delivery:		CWPL	Job	1	-	-	
6.1	Loading /Unloading/Lifting	Generator dry weight-4200 Kg					-	
7	Civil Work		Client	Job	1	-	-	
7.2	DG Foundation	DG CC foundation WXLXH-16.5'X6'X3"					-	
						TOTAL TK --	175,460	
						VAT & AIT (7%) --	13,207	
						Grand Total TK	188,667	

Note:-- All necessary civil work will done by client as per CWPL engineer instruction.

Approved: 1,70,000/-
Including Vat & AIT