

Zahidur Rahman

From: Md.Nasir [nasir@daffodilsintl.com]
Sent: Monday, April 10, 2017 2:07 PM
To: 'Zahidur Rahman'
Cc: bengalpowerltd@gmail.com
Subject: RE: BOQ

Dear Mr. Zahidur

Thanks for your E-mail. Your quotation is approved you can preside ASAP.


Regards.

Md. Nasirul Alam.

From: Zahidur Rahman [mailto:zahidur@cross-world.com]
Sent: Tuesday, April 04, 2017 10:37 AM
To: nasir@daffodilsintl.com
Cc: bengalpowerltd@gmail.com
Subject: BOQ

Best regards,

Muhammad Zahidur Rahman Chakder | **CROSS WORLD POWER LTD** | Engineer, Sales | House NE(O) 06, Road 92, Gulshan-2 Dhaka 1212, Bangladesh | p: +880 2 5881 1858, 989 1442 | f: +880 2 5881 5160 | Mobile: 01755 514 782 | e: zahidur@cross-world.com | w: www.cross-world.com

 please consider the environment before printing this email.

From: Habibur Rahman [mailto:habib@cross-world.com]
Sent: Monday, April 03, 2017 4:57 PM
To: bengalpowerltd@gmail.com
Cc: Zahidur Rahman
Subject: BOQ

Plz find the attached BOQ.

Br-
Zahid
Cross World.

ROSS WORLD POWER LIMITED								
BQ OF 1X45 kVA GENERATOR								
CLIENT - DAFFODILS INTERNATIONAL(ADDRESS- H- 24, R- 13, SEC.- 11, UTTARA.						DATE-		
GEN MODEL-		ENGINE MODEL-		ALTERNATOR MODEL-				
SL NO	JOB DESCRIPTION	TECHNICAL DETAILS/ BRAND	SOS	UOM	QTY	UNIT RATE	TOTAL RATE	REMARKS
1 Electrical System:								
1.1	Power Cable (35 °C Ambient on air)	1CX16 mm NYY DG To ATS 1CX16 mm NYY Mains To ATS 1CX16 mm mm NYY ATS to Load		Meter (Approx.)	N/A			As per client, they've already manage these arrangements.
1.2	Power Cable Lugs	16 mm , Material -Copper , Surface-Electro Tinned		Pcs	26	40	1,040	
1.3	Control cable For Sensing	4 X 1.2 mm (40/0.19 mm) Flexible Cable		Meter (Approx.)	30	110	3,300	As per client, ATS and EMDB position will be beside the stairs.
1.4	PVC Tape	Adhesive Tape 04 color (Red/Yellow/Black/Blue)		Pcs	8	40	320	
1.5	PIB Tape				1	580	580	
1.6	Royal Bolt	10 no.		Pcs	10	35	350	
1.7	Cable Tie	L - 6"/8 "		Pack	2	250	500	
1.8	20" dia low noise axial industrial blower fan with necessary conection and fixing/fitting accessories (Such as 1nos. SP MCB, nut-bolt, 6mm NYY Power Cable etc.)	20000cfm, SPL- 85dBA @ 3meter.		Set	1	48,000	48,000	
2 Generator Earthing :								
2.1	Earthing Boring	Earthing of electrical installation with 38.1 mm (1.5") 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 ressisstance <1 ohm including blind socket for water pouring facility.		Job	N/A			As per client, already done.
2.2	Earthing Copper Lead	Installation of solid cooper wire earthing lead 2 SWG in 38.1 mm dia GI pipe & termination of connection at both end .		Meter (Approx.)				
2.3	Earhting Equipotential Bar	Dimension LXWXD - 250mm X 20mm X 3mm or equivalent with connection facility		Pc	1	3,200	3,200	Taking Earth Bar position adjacent to DG. Qty may vary upon the Earth Bar position.
2.4	Earthing Cable	1 X 10 mm BYA (Green) from Earting Copper bar to gen & equipment		Meter (Approx.)	17	250	4,250	
2.5	Earthing Cable lugs	10 mm Material -Copper , Surface-Electro Tinned		Pcs	5	25	125	
3 Exhaust System:								
3.1	Exhaust Silencer straight Pipe	MS Pipe bore 2.5" ,thickness 3-4mm		Feet(Approx)	30	610	18,300	Qty. may change upon the exhaust fume discharge point. Taking exhaust discharge point 10ft(Approx.) from EGL on road side.
		MS Pipe bore 3" ,thickness 3-4mm			20	625	12,500	
3.2	Exhaust Bends /Elbow	Long radius 90 deg L bow		Pcs	3	625	1,875	
3.3	Exhaust Socket	Threaded 3"dia MS Socket		Pcs	1	450	450	
		Threaded 2.5"dia MS Socket		Pcs	3	425	1,275	
3.4	Reducer	2.5"/3"		Pcs	1	625	625	
3.5	Exhaust Heat Insulation	Insulation Of Pipe with Rockwool/Glasswool (25.4mm min thickness) along with 26SWG Aluminium sheet clading.		Job	1	12,500	12,500	
3.6	Exhasut Fitting	All bracket , support must be made with MS angle 50X50X 4, 5 & 6 MM		Job	1	10,500	10,500	
5 Commissioning Material:								
5.1	Radiator coolant	Havoline Premix Coolant		Liter	15	250	3,750	
5.2	Lube oil	SAE 15 W 40		Liter	10	420	4,200	
5.3	Battery electrolyte	Specific gravity 1.250		Liter	10	65	650	
7 Civil works:								
7.1	Generator foundation	Dimension (L X W)ft - (9.5X6)ft Depth D: 5inch RCC with NCF.	Client	Job	1			
Total (BDT) Excl VAT & AIT:							128,290	
*** All the related civil works will be done by client with CWPL Engineer instruction.								

Approved