

Shipan Barua

To: Raju Ahmmed
Cc: habib@cross-world.com; reajul@cross-world.com
Subject: RE: Revise 350KVA DG BOQ , Project: Rangs Electronic Ltd

From: Mainul Islam [<mailto:mainul.islam@rangs.com.bd>]
Sent: Sunday, July 18, 2021 2:52 PM
To: Raju Ahmmed
Cc: Engr. Md. Rafiqul Islam; habib@cross-world.com
Subject: RE: Revise 350KVA DG BOQ , Project: Rangs Electronic Ltd

Dear Mr. Raju Ahmmed

Please arrange complete the installation of generator. After having completion certificate I shall arrange the payment of taka 175000/-

Best Regard,

Md. Mainul Islam Khan
Asst. Manager FMD
Rangs Electronics Ltd

From: Raju Ahmmed <raju@cross-world.com>
Sent: Sunday, July 18, 2021 12:10 PM
To: Mainul Islam <mainul.islam@rangs.com.bd>
Cc: habib@cross-world.com; reajul@cross-world.com
Subject: RE: Revise 350KVA DG BOQ , Project: Rangs Electronic Ltd

Dear Sir,
Good Day

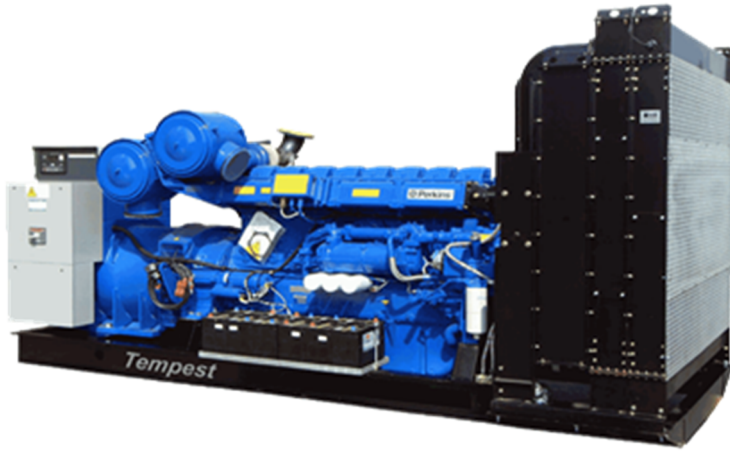
As per telephonic discussion with you, We ready to sacrifice our profit for this job and the final offer is BDT 175,000.00/=

Best Regards

Raju ahammed | **CROSS WORLD POWER LIMITED** | Engineer, sales | Plot 1/B, Road 90, Gulshan - 2, Dhaka 1212, Bangladesh | p: +880 2 5881 1858, 2222 91442 | Cell : 01755514746 | f: +880 2 881 5160 | w: www.cross-world.com



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From: Raju Ahmmed [<mailto:raju@cross-world.com>]
Sent: Saturday, July 17, 2021 3:56 PM
To: mainul.islam@rangs.com.bd
Cc: 'habib@cross-world.com' (habib@cross-world.com); reajul@cross-world.com
Subject: Revise 350KVA DG BOQ , Project: Rangs Electronic Ltd

Dear Sir,
Good day
Please see the attached Revise BOQ with Price without power cable & earthing work for your 350KVA Diesel generator.

Best regards

Raju ahammed | **CROSS WORLD POWER LIMITED** | Engineer, sales | Plot 1/B, Road 90, Gulshan - 2, Dhaka 1212, Bangladesh | p: +880 2 5881 1858, 2222 91442 | Cell : 01755514746 | f: +880 2 881 5160 | w: www.cross-world.com

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CROSS WORLD POWER LIMITED							
STD BOQ OF 1x350KVA DG							
CLIENT - Rangs Electronics Ltd.							
ADDRESS-			DATE- 17.07.2021				
GEN MODEL-		ENGINE MODEL-		ALTERNATOR MODEL-			
SL NO	JOB DESCRIPTION	TECHNICAL DETAILS/ BRAND	UOM	QTY	UNIT RATE	TOTAL RATE	REMARKS
1	Electrical System:						
1.1	Power Cable (35 °C Ambient on Air)	1C-300rm NYY DG To ATS	Meter (Appx.)	33		-	Client
1.2		1C-300rm NYY Mains To ATS	Meter	N/A	-	-	
1.3		1C-300rm NYY ATS To Load	Meter (Appx.)	N/A	-	-	
1.11	Cable laying and termination	1C-300rm NYY power cable	Meter	33	156	5,150	
1.5	Control cable For Sensing	4X 1.2 rm (40/0.19 mm) Flexible Cable	Meter	21	102	2,177	
1.4	Power Cable Lugs	300 rm Material -Copper, Surface-Electro Tinned	Pcs	10	298	2,981	
1.6	PVC Tape	Adhesive Tape 04 color (Red/Yellow/Black/Blue)	Pcs	12	33	394	
1.7	PIB Tape		Pcs	2	522	1,045	
1.8	Royal Bolt	10 no.	Pcs	10	24	238	
1.9	Cable Tie	L - 12"	Pack	4	202	807	
1.10	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.	Meter	6	1,921	11,712	
1.11	Beaker for ATS Controlling	6 A TP, ABB	Nos.	1	2,800	2,800	
1.11	Beaker for ATS Controlling	10 A DP, ABB	Nos.	1	1,540	1,540	
2	Generator Earthing :				-	-	
2.1	Earthing Boring	Earthing of electrical installation to attain earth resistance <1 ohm, 1nos Boring -- 120ft	Job	2		-	Client
2.2	GI Pipe (Boring)	38mm dia	meter	14		-	
2.4	Earthing Copper Lead (Boring)	2 SWG	meter	76		-	
2.5	Earthing Copper Lead (Termination)	2 SWG	meter	14		-	
2.6	Earth Inspection Pit	LxWxD- 600x600x600 mm with Brick, 100mm thick RCC slab with 400mm CI manhole	Nos.	2	-	-	
2.7	Earthing Block	350x50x10 mm with connection facility, isolator, royal bolt etc	Nos.	2	4,177	8,355	
2.8	Earthing Cable	1C-50 mm2 BYA (Green) from Earthing Copper bar to gen & equipment	Meter (Appx)	10	624	6,243	
2.9	Earth cable lugs	50 rm	pcs	6	37	224	
3	Exhaust System:				-		
3.1	Exhaust Silencer straight Pipe	MS Pipe bore 152mm, thickness 4mm	meter (Appx)	7	4,647	31,167	
3.2	Exhaust Bends /Elbow	Long radius 90 deg L bow 152mm bore	Pcs	3	1,640	4,920	
3.3	Exhaust Flange	Welding neck flange 152mm dia	Pcs	5	969	4,845	
3.4	Exhaust Heat Insulation with silencer box	Insulation of pipe & muffler with Glasswool (25mm) and 26 SWG aluminium sheet clading	Job	1	9,693	9,693	
3.5	Exhasut Fitting with silencer box	With 50X50X5 mm MS Angle, flat bar, royal bolt, nut bolt etc.	Job	1	5,219	5,219	
4	Cooling System:				-	-	
4.1	Radiator Ducting	As per layout with 22 SWG MS sheet,Angle bar, flat bar support,Canvas cloth etc WXH=4X4 L= 15'	Sq-ft	240	269	64,464	
5	Commissioning Material:				-		
5.1	Radiator coolant	Havoline Premix Coolant	Liter	35	160	5,600	
5.2	Lube oil	SAE 15 W 40	Liter	40	420	16,800	
5.3	Battery electrolyte	Specific gravity 1250	Liter	20	90	1,800	
5.4	Diesel for test run	50% tank capacity	Liter	350	-	-	Client
6	DG On site delivery & Ancillaary Work:				-		
6.1	Loading /Unloading/Lifting	Generator dry weight -4500 Kg	Job	1			
7	CIVIL WORK				-		
7.1	DG BASE	DG BASE FOUNDATION LxWxD= 12'x5'x6"	Job	1	-	-	Client
TOTAL TK.(Excluding VAT & AIT)						188,173	-
Special Discount						13,173	
Grand Total In BDT						175,000	

Notes:ALL NECESSARY CIVIL WORK WILL BE DONE BY CLIENT OR VENDOR AS PER CWPL DRAWING OR ENGR INSTRUCTION.