

M/s. Faisal Enterprise**Section 6. Bill of Quantities****Bill of Quantities**

Bill of Quantities

Item no.	Group	Item Code (if any)	Description of Item	Measurement Unit	Quantity	Unit Price (In figures: BDT)	Unit Price (In words: BDT)	Total Price (In figures: BDT)	Total Price (In words: BDT)
1	A	N/A	Variable frequency drive needs to be disconnection & re-connection from the electric connection by ABC licence holder of different water pumps station under Dhaka wasa and those VFD have to transport the contractor's workshop.	Nos.	55.000	1950.792	One Thousand Nine Hundred And Fifty Point Seven Nine Two	107293.560	One Lakh Seven Thousand Two Hundred And Ninety-Three Point Five Six
2	A	N/A	Have to clean the dirt or mud through the blower machine, which is collected from water pumps station.	Nos.	55.000	245.167	Two Hundred And Forty-Five Point One Six Seven	13484.185	Thirteen Thousand Four Hundred And Eighty-Four Point One Eight Five
3	A	N/A	IGBT Module Isolate from VFD and cleaning, testing IGBT Card by Electrical Cleaner Techspray.	Nos.	55.000	500.852	Five Hundred Point Eight Five Two	27546.860	Twenty-Seven Thousand Five Hundred And Forty-Six Point Eight Six
4	A	N/A	Control board/Card Isolate from VFD and cleaning Control Card by Electrical Cleaner Techspray. Electrostatic Discharge vacuum to reduce static build up will used for cleaning electronic components.	Nos.	55.000	480.486	Four Hundred And Eighty Point Four Eight Six	26426.730	Twenty-Six Thousand Four Hundred And Twenty-Six Point Seven Three
5	A	N/A	EMC Filter Isolate from VFD then Filter check and cleaning. How often these filters need to be changed will depend on the environment that the VFD panel placing a	Nos.	55.000	600.547	Six Hundred Point Five Four Seven	33030.085	Thirty-Three Thousand And Thirty Point Zero Eight Five

			panel in a dusty or dirty environment.						
6	A	N/A	DIM Module Isolate from VFD then testing and cleaning.	Nos.	55.000	600.398	Six Hundred Point Three Nine Eight	33021.890	Thirty-Three Thousand And Twenty-One Point Eight Nine
7	A	N/A	Rectifier Isolate from VFD then cleaning by Electrical Cleaner Techspray.	Nos.	55.000	500.379	Five Hundred Point Three Seven Nine	27520.845	Twenty-Seven Thousand Five Hundred And Twenty Point Eight Four Five
8	A	N/A	APP Card Isolate from VFD then testing cleaning by Electrical Cleaner Techspray.	Nos.	55.000	500.789	Five Hundred Point Seven Eight Nine	27543.395	Twenty-Seven Thousand Five Hundred And Forty-Three Point Three Nine Five
9	A	N/A	Main Card Isolate from VFD then checking cleaning by Electrical Cleaner Techspray.	Nos.	55.000	450.862	Four Hundred And Fifty Point Eight Six Two	24797.410	Twenty-Four Thousand Seven Hundred And Ninety-Seven Point Four One
10	A	N/A	Drive switch Card Isolate from VFD then cleaning by Electrical Cleaner Techspray.	Nos.	55.000	460.741	Four Hundred And Sixty Point Seven Four One	25340.755	Twenty-Five Thousand Three Hundred And Forty Point Seven Five Five
11	A	N/A	Fan Power card Isolate from VFD then cleaning by Electrical Cleaner Techspray.	Nos.	55.000	400.856	Four Hundred Point Eight Five Six	22047.080	Twenty-Two Thousand And Forty-Seven Point Zero Eight
12	A	N/A	Main cooling fan Isolate from VFD then cleaning by Electrical Cleaner Techspray. Cooling fan failure causing an over-temp fault.	Nos.	55.000	500.674	Five Hundred Point Six Seven Four	27537.070	Twenty-Seven Thousand Five Hundred And Thirty-Seven Point Zero Seven
13	A	N/A	Charging resistor Isolate from VFD then testing cleaning by	Nos.	55.000	350.987	Three Hundred And Fifty	19304.285	Nineteen Thousand Three

			Electrical Cleaner Techspray and fitting fixing.				Point Nine Eight Seven		Hundred And Four Point Two Eight Five
14	A	N/A	Key Pad Isolate from VFD then testing cleaning by Electrical Cleaner Techspray.	Nos.	55.000	420.674	Four Hundred And Twenty Point Six Seven Four	23137.070	Twenty- Three Thousand One Hundred And Thirty- Seven Point Zero Seven
15	A	N/A	CT Sensor Isolate from VFD then testing cleaning by Electrical Cleaner Techspray.	Nos.	55.000	380.392	Three Hundred And Eighty Point Three Nine Two	20921.560	Twenty Thousand Nine Hundred And Twenty- One Point Five Six
16	A	N/A	Electrolytic Capacitors Isolate from VFD then checking cleaning by Electrical Cleaner Techspray.	Nos.	55.000	360.786	Three Hundred And Sixty Point Seven Eight Six	19843.230	Nineteen Thousand Eight Hundred And Forty- Three Point Two Three
17	A	N/A	Power Board Isolate from VFD then cleaning by Electrical Cleaner Techspray.	Nos.	55.000	450.792	Four Hundred And Fifty Point Seven Nine Two	24793.560	Twenty- Four Thousand Seven Hundred And Ninety- Three Point Five Six
18	A	N/A	CT Set Isolate from VFD then cleaning by Electrical Cleaner.	Nos.	55.000	300.472	Three Hundred Point Four Seven Two	16525.960	Sixteen Thousand Five Hundred And Twenty- Five Point Nine Six
19	A	N/A	DC Reactor Isolate from VFD and testing cleaning by Blower Machine.	Nos.	55.000	420.388	Four Hundred And Twenty Point Three Eight Eight	23121.340	Twenty- Three Thousand One Hundred And Twenty- One Point Three Four
20	A	N/A	PC**SED2 Set Isolate from VFD then testing cleaning by Electrical Cleaner.	Nos.	55.000	380.979	Three Hundred And Eighty Point Nine Seven Nine	20953.845	Twenty Thousand Nine Hundred And Fifty- Three Point Eight Four Five
21	A	N/A	TX-Open module Isolate from VFD then	Nos.	55.000	540.494	Five Hundred	29727.170	Twenty- Nine

			checking cleaning by Electrical Cleaner.				And Forty Point Four Nine Four		Thousand Seven Hundred And Twenty-Seven Point One Seven
22	A	N/A	All VFD component/spare fitting and fixing in VFD Box.	Nos.	55.000	1080.891	One Thousand And Eighty Point Eight Nine One	59449.005	Fifty-Nine Thousand Four Hundred And Forty-Nine Point Zero Zero Five
23	A	N/A	The VFD will be cleaned two times through blower machine by engineer. (One times =750.00 X 2)=1500.00	Job	55.000	1485.751	One Thousand Four Hundred And Eighty-Five Point Seven Five One	81716.305	Eighty-One Thousand Seven Hundred And Sixteen Point Three Zero Five
24	A	N/A	Labour charge for the repaing of Lt panal starter/VFD by the high skilled technician.	Job	55.000	2951.852	Two Thousand Nine Hundred And Fifty-One Point Eight Five Two	162351.860	One Lakh Sixty-Two Thousand Three Hundred And Fifty-One Point Eight Six
							Grand Total:	897435.055	Eight Lakh Ninety-Seven Thousand Four Hundred And Thirty-Five Point Zero Five Five

*** Note:** All applicable taxes, custom duties, VAT and other levies payable by the Contractor under the Contract shall be included in the unit prices submitted by the Tenderer.

This Section 6. Bill of Quantities is Electronically Signed by Mr. Md. Hoque on behalf of M/s. Faisal Enterprise