

J.K.International**Priced Bill of Quantities (BOQ)****Unit Rate Basis**

Estimate by the Procuring Entity

Item no.	Group	Item Code (if any)	Description of Item	Unit	Quantity	Unit rates or prices (in figures) (BDT)	Unit rates or prices (in words) (BDT)	Amount (in figure) (BDT)	Amount (in words) (BDT)	Select 'YES' to see the Grand Total
1	A	N/A	Cleaning and removal of trees & weeds from transformer fencing-overall sub station to protect HT faults of electric sub station.as per direction of the engineer in charge.	Per Item	50.000	1100.001	One Thousand One Hundred Point Zero Zero One	55000.050	Fifty-Five Thousand Point Zero Five	Yes
2	A	N/A	Checking of the transformer silica gel breather quality and conservator oil level indicator. Changing of the silica gel and filling the transformer oil to the conservator with taking proper safety precautions. All complete as per direction of the engineer in charge.	Per job	30.000	3500.001	Three Thousand Five Hundred Point Zero Zero One	105000.030	One Lakh Five Thousand Point Zero Three	Yes
3	A	N/A	Cleaning and servicing of x-former HT/LT bush as well as new cable connection to complete as per direction of the Engineer-in-charge.	Per Item	50.000	525.001	Five Hundred And Twenty-Five Point Zero Zero One	26250.050	Twenty-Six Thousand Two Hundred And Fifty Point Zero Five	Yes
4	A	N/A	Supply & installation of two earth electrode, one for sub-station, another for lightning arrester installed at DEASA/DESCO pole including supply of 37mm. dia GI earth electrode. The earth electrode shall have adequate & proper sized holes in it (25mm c/c) and shall be connected with earthing lead. Earthing resistance should be within 1 Ohm. The work shall be done in	per set	3.000	25181.001	Twenty-Five Thousand One Hundred And Eighty-One Point Zero Zero One	75543.003	Seventy-Five Thousand Five Hundred And Forty-Three Point Zero Zero Three	Yes

			accordance with the instructions of the Engineer in charge.							
5	A	N/A	"Providing & fixing U-channel iron cross-arm of size 38 mm x 76 mm x 38 mm x 6.35mm. (1.5" x 3" x 1.5" x 0.25") on single pole / H-pole with the help of necessary clamps, nuts, bolts etc. including making required no. of holes on the cross-arm for fixing of drop out fuse, lightning arrester including two coats of superior quality aluminum painting over required prime coat of anti corrosive red-oxide painting complete as required & as per instruction of the Engineer-in-charge. Per sub station needed 3M."	P/M	60.000	1153.000	One Thousand One Hundred And Fifty-Three	69180.000	Sixty-Nine Thousand One Hundred And Eighty	Yes
6	A	N/A	Earthing of transformer's neutral with supply of An 8-gauge (8g or 8 AWG)/3.26 mm copper wire. The work shall be done in accordance with the specification & instructions of the Engineer in charge.	per fet	300.000	85.001	Eighty-Five Point Zero Zero One	25500.300	Twenty-Five Thousand Five Hundred Point Three	Yes
7	A	N/A	Earthing Block: Supply and instalation of copper plate (24"x3"x1/4") for earthing lead connection. The work shall be done in accordance with the specification & instructions of the Engineer in charge.	per item	50.000	1150.001	One Thousand One Hundred And Fifty Point Zero Zero One	57500.050	Fifty-Seven Thousand Five Hundred Point Zero Five	Yes
8	A	N/A	Providing & installtion of 11KV outdoor type Lightning arrester for 200 KVA Electric sub station by proper wiring and grounded to the earth to protect the sub station from surge voltage. All copmlete as per direction of the engineer in charge.	per set	10.000	19019.001	Nineteen Thousand And Nineteen Point Zero Zero One	190190.010	One Lakh Ninety Thousand One Hundred And Ninety Point Zero One	Yes

9	A	N/A	Providing & installation of outdoor type 11kv, 50Hz, 5KA, (20KA Drop-Out Fuse complete with mounting accessories etc. (3 Nos in a set)	per set	5.000	25154.001	Twenty-Five Thousand One Hundred And Fifty-Four Point Zero Zero One	125770.005	One Lakh Twenty-Five Thousand Seven Hundred And Seventy Point Zero Zero Five	Yes
10	A	N/A	Providing & installation of heat shrink termination kit out-door/indoor use complete with DIN lugs earth connection hardware & cable preparation kit(indoor & out door) at the point of cable termination for 11kv 3 core PVC insulated & PVC sheathed & aemored/non armored cable of the following size: Size-3x50 mm2, as per direction of the engineer in charge.	Per Kit	10.000	9804.001	Nine Thousand Eight Hundred And Four Point Zero Zero One	98040.010	Ninety-Eight Thousand And Forty Point Zero One	Yes
11	A	N/A	Installation & fitting-fixing of divisional supplied 200A Fuse disconnect switch as per direction of the engineer in charge.	Per 1job	20.000	2500.001	Two Thousand Five Hundred Point Zero Zero One	50000.020	Fifty Thousand Point Zero Two	Yes
12	A	N/A	Repairing of existing transformer fencing net including necessary cutting, welding, jointing, painting all complete with supply materials as per direction of the engineer in charge.	Per Set	25.000	3444.001	Three Thousand Four Hundred And Forty-Four Point Zero Zero One	86100.025	Eighty-Six Thousand One Hundred Point Zero Two Five	Yes
13	A	N/A	Repair & painting of delivery line, housing pipe, existing LT joint box in two coat (Red oxide & enamel paint) at deffernt pump station as per direction of the engineer in charge.	Each	50.000	3400.001	Three Thousand Four Hundred Point Zero Zero One	170000.050	One Lakh Seventy Thousand Point Zero Five	Yes
14	A	N/A	Painting of existing transformer Fencing net in two coat Red oxide & silver color enamel paint, all complete as per direction of the engineer in charge.	Each	50.000	1000.001	One Thousand Point Zero Zero One	50000.050	Fifty Thousand Point Zero Five	Yes
15	A	N/A	Repair & reconstruction of existing transformer	Per Item	20.000	2400.001	Two Thousand Four	48000.020	Forty-Eight Thousand	Yes

			foundation of adjacent sub station by using brick, brick chips, sand, cement for proper security to protecting entrance of animals-birds inside the transformer fencing net. as per direction of the engineer in charge.				Hundred Point Zero Zero One		Point Zero Two	
16	A	N/A	Providing & installation of heat shrink joint kit complete with DIN ferrules, cable preparation kits at the point of jointing of cables for 11kv 3 core PVC sheathed aemored/non armored cables of the following size: Size-3x50 mm2, as per direction of the engineer in charge.	Per Kit	10.000	17810.001	Seventeen Thousand Eight Hundred And Ten Point Zero Zero One	178100.010	One Lakh Seventy-Eight Thousand One Hundred Point Zero One	Yes
17	A	N/A	Construction of cable joint chamber inside measurement 600 mm x 600 mm with 250 mm thick brick in cement re-inforcement 450 mm dia slab with locking arrangement including necessary earth works, site filling and one brick flat soling 75 mm thick (1:3:6) base concrete for making inlet channel & 12 mm thick (1:2) cement plaster with neat finishing etc. all complete up to a depth of .75 meter.as per direction of the engineer in charge.	Each	10.000	15776.001	Fifteen Thousand Seven Hundred And Seventy-Six Point Zero Zero One	157760.010	One Lakh Fifty-Seven Thousand Seven Hundred And Sixty Point Zero One	Yes
18	A	N/A	"Providing & Installaion of 200A capacity TPMCCB at LT wooden board. The specifications of TPMCCB are given bellow: Rated operating voltage: 400V, Rated Current:(A): 200, Rated insulating voltage: 500V, Acring over distance(mm): ≤50, Short circuit breaking capacity (KA): 35 ,Ultimate short circuit breaking capacity (KA): 50 , As per sample approved by the engineer in	Each nos	5.000	12000.001	Twelve Thousand Point Zero Zero One	60000.005	Sixty Thousand Point Zero Zero Five	Yes

			charge. "							
19	A	N/A	Providing & Fitting-fixing of danger plate to ensure the safety of workspace at different pump station as per direction of the engineer in charge.	Each nos	50.000	500.001	Five Hundred Point Zero Zero One	25000.050	Twenty-Five Thousand Point Zero Five	Yes
20	A	N/A	Installation of the divisional supplied transformer fencing net including transportaion, fitting-fixing, adjusting etc . All complete as per direction of the engineer in charge.	Per Job	15.000	2500.001	Two Thousand Five Hundred Point Zero Zero One	37500.015	Thirty-Seven Thousand Five Hundred Point Zero One Five	Yes
21	A	N/A	Supplying & installation of 15Amps 11KV capacity HT fuse link to complete as per direction of the Engineer in charge.	Each	100.000	250.001	Two Hundred And Fifty Point Zero Zero One	25000.100	Twenty-Five Thousand Point One	Yes
22	A	N/A	Supplying & Installation of 8 SWG Copper wire for earthing purpose to complete as per direction of the Engineer-in-charge.	Per KG	25.000	1500.001	One Thousand Five Hundred Point Zero Zero One	37500.025	Thirty-Seven Thousand Five Hundred Point Zero Two Five	Yes
23	A	N/A	Connecting & commissioning of all sub-station equipment with supply of required materials i.e. cable, socket, plastic tape, PIB tape, GI wire, etc. After connection insulation megger testing of Transformer, LT-HT cable, sub pump motor, pump cable, VFD, LTCT meter etc. as per direction of the Engineer-in-charge. All the test should be performed by the ABC lisence holder electrician also the report must be submitted with the work completion report.All complete as per direction of the engineer in charge.	P/item	25.000	9770.001	Nine Thousand Seven Hundred And Seventy Point Zero Zero One	244250.025	Two Lakh Forty-Four Thousand Two Hundred And Fifty Point Zero Two Five	Yes
							Grand Total:	1997183.913	Nineteen Lakh Ninety-Seven Thousand One Hundred And	

This Priced Bill of Quantities (BOQ) is Electronically Signed by Mr. MD. MIAH on behalf of J.K.International

J.K.International

Tenderer's Quoted Price

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Total Estimated Cost (BDT)	Percentage (-5% to +5%)	Offered Amount (in figures) (BDT)	Offered Amount (in words) (BDT)
1997183.910	-5.000	1897324.714	Eighteen Lakh Ninety-Seven Thousand Three Hundred And Twenty-Four Point Seven One Four
	Grand Total:	1897324.714	Eighteen Lakh Ninety-Seven Thousand Three Hundred And Twenty-Four Point Seven One Four

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