

Estimate of the work: 11KV HT cable, lightning arrester replacement & installation of pole grounding system at PW 101 in IRP#1 area of SKWP.

SL No.	Basis of Rate	Discription of Item	Unit	Required Quantity	Unit Price (BDT)	Total Amount (BDT)
1	2	3	4	5	6	7 = 5*6
Existing items pullingout work:						
1	PWD SoR 2022 FOR E/M WORKS; Basic rates; Item no-7	Earthwork in excavation (6*0.400*1.5)m for withdrawal of existing 3C X 70 sqmm HT cable & replace it by new one HT cable. All works shall be done as per direction of Engineer in charge.	Cum	3.60	168.00	604.80
2	Market Rate (M/R)	Pullingout & withdrawal of existing 3C X 70 sqmm HT cable. All works shall be done as per direction of Engineer in charge.	Job	1.00	1,500.00	1,500.00
3	M/R	Pullingout of existing 11KV HT lightning arrester (LA) on prepared U-channel cross-arm on single / H-pole with necessary fixing materials complete. All works shall be done as per direction of Engineer in charge.	Job	1.00	1,000.00	1,000.00
Re-Installation & related items work:						
4	M/R	Re-Installation of 3C X 70 sqmm HT cable through 100mm PVC pipe having wall thickness of 3.4 mm In kutchra gound. All works shall be done as per direction of Engineer in charge.	M	20.00	1,500.00	30,000.00
5	M/R	Installation of 1C X 35 sqmm BYA earthing cable for LA & Sky wire common terminal to ground rod grounding purpose through 100mm PVC pipe having wall thickness of 3.4 mm In kutchra gound. All works shall be done as per direction of Engineer in charge.	M	18.00	40.00	720.00
6	M/R	Re-Installation of 11KV HT lightning arrester on prepared U-channel cross-arm on single / H-pole with necessary fixing materials complete. All works shall be done as per direction of Engineer in charge.	Job	1.00	5,000.00	5,000.00
7	M/R	Supply of uPVC Pipe for HT cable & ground cable installation works. All supply works shall be done as per direction of Engineer in charge.	M	24.00	200.00	4,800.00
8	M/R	Installation of Copper Earthing rod for pole grounding system in kutchra gound. All works shall be done as per direction of Engineer in charge.	Job	1.00	1,700.00	1,700.00
9	M/R	11/0.44KV; 100KVA pad mounted outdoor type substation reenergization after completing HT cable & LA reinstallation work compled successfully. Before reenergization, HT cable & Transformer megger testing, sub station earth testing shall be complete. All works shall be done as per direction of Engineer in charge.	Job	1.00	3,500.00	3,500.00
10	M/R	Site cleaning work after HT cable & LA reinstallation work successfully done.	Job	1.00	1,000.00	1,000.00
Estimated cost total Taka =						49,824.80
Say Taka =						49,825.00

In word: (Taka forty-nine thousand eight hundred & twenty-five) only.

26/05/2023
নোঃ মাহিদুল ইসলাম
উপসহকারী প্রকৌশলী
স্বতন্ত্র-কেন্দ্রীয় ওয়েলফেয়ার প্রকল্প, ঢাকা

26/05/23
কাজী মিল্লাল হোসেন
সহকারী প্রকৌশলী
স্বতন্ত্র-কেন্দ্রীয় ওয়েলফেয়ার প্রকল্প, ঢাকা ওয়াশা।

29/05/2023
মাসুদুল আলিম
নিবহী প্রকৌশলী
স্বতন্ত্র-কেন্দ্রীয় ওয়েলফেয়ার প্রকল্প, ঢাকা ওয়াশা