

Work :- Electrical estimate for BRYC under Good Shed development policy.(For 01 nos. High Mast Tower)(Provision of One high masts at suitable locations of the good shed along with maintenance for a period of 10 years.)														Rate - LAR / Price List / ROR				Average Rate	Cash	Store	Total
S.No	Description	Qty.	Unit	Rate 1	Updated Rate 1	L A R 1	Rate 2	Updated Rate 2	L A R 2	Rate 3	Updated Rate 3	L A R 3									
1	Earthing with 40mm dia. GI pipe class 'B', 3 meter long. earth electrode as per IS:3043 (latest version) to achieve earth resistances less than 5 ohms including construction of masonry enclosures with masonry enclosures with hinged cover plate of cast iron/RCC(Heavy duty with lifting arrangement) with locking arrangement as required (out hole size: 450x450 mm and Cover plate (CI/RCC) size: 300x300 mm on top, provision of earth plate, connections from earth electrode to switch gear/pole as per tech specification / IE Rule..	2	Jobs	823.28	682.50	16/S/DEE/ G/MB/20, dt. 24.08.20	773.30	717.62	19/S/DEE/ G/MB/20, dt. 14.08.20	823.28	708.02	14/S/DEE G/MB/20, dt. 07.08.20	702.71	1405.42	0.00	1405.42					
2	Supply, laying, testing & Commissioning of LT U/G cable PVC insulated 1100 Volt grade armoured aluminium conductor cable in the trench 0.8 Mtrs. deep supply & providing bed of soft sand 75 mm below the cable and 75 mm above the cable with supplying & laying of bricks width wise and afterward filling the trench with excavated soil original shape. When laying the cable along the electric pole, masonry wall and pucca																				
4	4 Core X 35 Sqmm	1200	Mtrs.	137.43	127.54	19/S/DEE/ G/MB/20, dt. 14.08.20	137.43	131.55	10/S/DEE/ G/MB/20, dt. 06.07.20	137.43	133.31	09/S/DEE G/MB/20, dt. 06.07.20	130.00	156960.00	0.00	156960.00					
5	4 Core X 70 Sqmm	500	Mtrs.	293.08	204.40	22/S/DEE/ G/MB/202 0, dt. 13.11.202 0	283.85	255.93	11/S/DEE/ G/MB/20, dt. 07.07.20	258.95	272.67	16/S/DEE G/MB/20 19 (IInd Call), dt. 11.02.202 0	244.33	122165.00	0.00	122165.00					

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6	Provision, supply and laying by Horizontal Boring Trench less method 2.5 meter deep as per relevant IS suitable for laying HDPE Pipe of 140 mm inner dia and 160 mm outer dia. & shall be in conformity to IS 1255 /1983 (Latest Version). Excavation shall be done complying with code of safety as per IS 3764/1992 and as per site requirement. (Supply of HDPE pipe as per IS:4984-1995 (latest version) included).	150	Mtrs.	691.52	670.77	12/SrDEE/ G/MB/20, dt. 08.07.20	691.52	670.77	11/SrDEE/ G/MB/20, dt. 07.07.20	691.52	661.92	10/SrOEE/ G/MB/20, dt. 06.07.20	667.82	100173.00	0.00	100173.00
7	Design,, manufacturing, supply, erection, testing and commissioning of Astronomical Timer Switch along with TPN 63 Amps. And associated accessories as per detail below:- (a)Astronomical Digital timer switch with provision of Automatic calculation of sunrise and sunset time for any day throughout the year, the time switch should have inbuilt offset provision of +/- 120 Mins for both sunrise and sunset and should have 06 years running reserve battery backup along with single channel output voltage 220V, single phase and contact rating 16 Amps. Make: Legrand, MDS, Siemens, L&T, ABB, AEG. (b) Modular 63 Amps with 4 NO Power Contactor suitable for DIN Rail mounting with integral lable holder, provision for manual override for test and repair function, output voltage 415V, 3 Phase, coil voltage 24V AC.	1	Nos.	16352.39	14063.06	14/SrDEE/ G/MB/20, dt. 07.08.20	19166.2	15997.55	08/SrDE E/G/MB/ 2018 Dt: 13.08.20 18				15030.30	15030.30	0.00	15030.30

[illegible]

8	Supply of 16 Mtrs high mast system with its accessories. Mast shall be in two sections, hot dip galvanised and suitable for wind velocity as per IS 875 part 3. It shall also include accessories for high mast including head frame, steel wire rope 6mm dia 7/19 construction) double drum winch , Galvanised lantern carriage arrangement suitable for 16 luminaries symmetrically and its control gear boxes and its lighting final. The mast shall have an integral power tool installed inside the base compartmenty for its operation. Erection and commissioning of high mast with the help of suitable equipments. Make:-Bajaj, Crompton or Philips. (a) Supplying, installation, testing & commissioning of foundation bolts manufactured from special steel along with nuts, washers, anchor plates and templates including design	1	Job.	279487.94	231695.50	16/SrDEE/ G/MB/20, dt. 24.08.20	302944.42	281132.42	19/SrDEE/ G/MB/20, dt. 14.08.20	302944.42	289978.40	10/SrOEE /G/MB/20, dt. 06.07.20	287602	267602.11	0.00	267602.11
9													Total	663335.83	0.00	663335.83
10	GST @ 12%													79600.30	0.00	79600.30
11													Total	742936	0.00	742936
12	Maintenance Charges @ 10% for 10 years													74294	0	74294
13													Grand Total	817230	0	817230

Je/Elect/HQ/MB

OWN LEAVE

ADEE/G/MB

Sr. DEE/G/MB