

Government eProcurement System Created By: ORATHY PERUMAL ELUMALAI Created Date/Time: 07-Jul-2020 01:33 PM Tender Title: ARMO of E,M Installations at Tirupati Airport for the year 2020-21. Sub Head Re routing of Power Supply Cables, GLF Cables Tender ID: 2020_AAI_49449_1
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Tender Inviting Authority: The Asst.General Manager(Engg-E), AAI, Tirupati Airport.
Name of Work: ARMO of E&M Installations at Tirupati Airport for the year 2020-21. SUB HEAD: Re-Routing of Power
Contract No: AAI/TPT/ENGG(E)/M-01/20-21

SCHEDULE OF WORK / ITEM(S)											
Sl.No	Description of Work / Item(s)	No.of Qty	Units	MPC ELECTRICALS AND ENGINEERS		Shantha EElectricals and Engineers Pvt Ltd		KALKI ELECTRICALS		Classic Electricals	
				Rate	Amount	Rate	Amount	Rate	Amount	Rate	Amount
1.00	Laying of one number PVC insulated and PVC sheathed / XLPE power cable of 1.1 KV grade of following size / GLF Cable of 5KV grade direct in ground to the depth of 1.2 meter including excavation and refilling the trench etc as required, but excluding sand cushioning and protective covering.										
1.01	a) Upto 35 sq. mm	600.00	Each	170.00	102000.00	235.00	141000.00	160.00	96000.00	195.00	117000.00
1.02	b) Above 95 sq. mm and upto 185 sq. mm	800.00	Each	170.00	136000.00	265.00	212000.00	200.00	160000.00	265.00	212000.00
2.00	Laying of one number additional PVC insulated and PVC sheathed / XLPE power cable of 1.1 KV grade of following size / GLF Cable of 5 KV grade direct in ground to the depth of 1.2 meter in the same trench in one tier horizontal formation including excavation and refilling the trench etc as required, but excluding sand cushioning and protective covering.										
2.01	a) Upto 35 sq. mm	600.00	Each	170.00	102000.00	255.00	153000.00	80.00	48000.00	195.00	117000.00
2.02	b) Above 95 sq. mm and upto 185 sq. mm	800.00	Each	170.00	136000.00	275.00	220000.00	120.00	96000.00	265.00	212000.00
3.00	Laying of one number PVC insulated and PVC sheathed / XLPE power cable of 1.1 KV grade of following size in the existing RCC/ HUME/ METAL pipe as required.										
3.01	a) Above 95 sq. mm and upto 185 sq. mm	60.00	Mtr	35.00	2100.00	65.00	3900.00	100.00	6000.00	85.00	5100.00
4.00	Laying and fixing of one number PVC insulated and PVC sheathed / XLPE power cable of 1.1 KV grade of following size on wall surface as required.										
4.01	b) Above 95 sq. mm and upto 185 sq. mm	2000.00	Mtr	65.00	130000.00	80.00	160000.00	150.00	300000.00	135.00	270000.00

5.00	Supplying and making end termination with brass compression gland and aluminium lugs for following size of PVC insulated and PVC sheathed / XLPE aluminium conductor cable of 1.1 KV grade as required.										
5.01	a) 3½ X 185 sq. mm (57mm)	2.00	Each	800.00	1600.00	900.00	1800.00	900.00	1800.00	685.00	1370.00
6.00	Supplying and making straight through joint with cast resin compound including ferrules and other jointing materials for following size of PVC insulated and PVC sheathed / XLPE aluminium conductor cable of 1.1 KV grade as required.										
6.01	a) 3½ X 120 sq. mm	8.00	Each	4400.00	35200.00	3570.00	28560.00	4000.00	32000.00	1350.00	10800.00
6.02	b) 3½ X 185 sq. mm	8.00	Each	4400.00	35200.00	3700.00	29600.00	5000.00	40000.00	4856.00	38848.00
6.03	c) 4 X 16 sq. mm	2.00	Each	1700.00	3400.00	2190.00	4380.00	2000.00	4000.00	685.00	1370.00
7.00	Construction of brick masonry manhole chamber of inside dimensions of 2000mm(L) x 2000mm(B) x 1250mm(D) for housing 4x300mm dia RCC Hume pipes consisting of following: a) Excavation of earth (All kinds of soil) b) PCC 1: 5 :10 of thickness 150mm and PCC 1: 2: 4 of 100mm thick on top of PCC 1: 5 :10. c) Brick work with first class clay bricks 230mm thick using cement mortar 1:4. Inside & exposed brick work plastering using CM 1:6. d) Manhole cover slab of thickness 200mm with 12mm dia reinforcement @ 150mm centre to centre in top and bottom layers. Manhole opening of size 600x600mm to be left for cover slab and removable cover slab of suitable size to be provided.	1.00	Each	17000.00	17000.00	33500.00	33500.00	60000.00	60000.00	38575.00	38575.00
8.00	Removal of one number PVC insulated and PVC sheathed / XLPE power cable of 1.1 KV grade of following size from ground upto a depth of 1.20 meter including excavation and refilling the trench etc as required.										
8.01	a) Above 95 sq. mm and upto 185 sq. mm	3100.00	Each	206.00	638600.00	170.00	527000.00	120.00	372000.00	195.00	604500.00

Total in Figures

1339100.00

1514740.00

1215800.00

1628563.00

Lowest Amount Quoted BY: KALKI ELECTRICALS(1215800.00)

Signature Not Verified

Digitally signed by O P ELUMALAI
Date: 2020.09.01 12:57:02 IST
Location: eProcurement System for Central PSUs