

Government eProcurement System

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Tender Title: Bi-furcation of Tariff into Aeronautical and Non-Aeronautical services for HT connection No.159 at Coimbatore International Airport

Tender ID: 2019_AAI_30942_1

Tender Inviting Authority: Asst. General Manager (Engg-Electrical), AAI, Coimbatore Airport

Name of Work: Bi-furcation of Tariff into Aeronautical and Non-Aeronautical services for HT connection No.159 at Coimbatore International Airport.

Contract No: 2019_AAI_30942_1

SCHEDULE OF WORK / ITEM(S)

Sl.No	Description of Work / Item(s)	No.of Qty	Units	Estimated Rate	C P MONCHESTER ELECTRICALS		Shantha EElectricals and Engineers Pvt Ltd		KALKI ELECTRICALS		L1 Amount	L1 Vendor
					Rate	Amount	Rate	Amount	Rate	Amount		
1.00	Supply of following size 1.1 KV grade XLPE insulated, PVC sheathed, armoured Aluminium conductor power cable conforming to IS 7098 (Part 1) amended upto date. 3.5 X 95 Sq.mm	2250.00	Mtr		414.00	931500.00	355.00	798750.00	380.00	855000.00	798750.00	Shantha EElectricals and Engineers Pvt Ltd
1.00	Supply of following size 1.1 KV grade XLPE insulated, PVC sheathed, armoured Aluminium conductor power cable conforming to IS 7098 (Part 1) amended upto date. 3.5C 50 Sq.mm	1000.00	Mtr		216.00	216000.00	215.00	215000.00	280.00	280000.00	215000.00	Shantha EElectricals and Engineers Pvt Ltd
1.00	Supplying and making end termination with brass compression gland and aluminium lugs for following size of PVC insulated and PVC sheathed I XLPE aluminium conductor cable of 1.1 kV grade as 3.5C 300 Sq.mm	6.00	Each		1500.00	9000.00	2800.00	16800.00	1800.00	10800.00	9000.00	C P MONCHESTER ELECTRICALS
1.00	Supplying and making end termination with brass compression gland and aluminium lugs for following size of PVC insulated and PVC sheathed I XLPE aluminium conductor cable of 1.1 kV grade as 3.5C 95 Sq.mm	15.00	Each		900.00	13500.00	1600.00	24000.00	880.00	13200.00	13200.00	KALKI ELECTRICALS
1.00	Supplying and making end termination with brass compression gland and aluminium lugs for following size of PVC insulated and PVC sheathed I XLPE aluminium conductor cable of 1.1 kV grade as 3.5C 50 Sq.mm	25.00	Mtr		450.00	11250.00	950.00	23750.00	660.00	16500.00	11250.00	C P MONCHESTER ELECTRICALS

1.01	Laying of one number XLPE/PVC insulated PVC sheathed aluminium/copper conductor power cable of 1.1 KV grade of following sizes in the existing RCC/ Hume/ Stoneware/ Metal pipe/trench as required. Above 35 Sq.mm upto 95 Sq.mm	1816.00	Mtr
1.01	Laying of one number XLPE/PVC insulated PVC sheathed aluminium/copper conductor power cable of 1.1 KV grade of following sizes in the existing RCC/ Hume/ Stoneware/ Metal pipe/trench as required. Above 185 Sq.mm upto 400 Sq.mm	10.00	Mtr
1.01	Laying and fixing of one number XLPE/ PVC insulated PVC sheathed aluminium/copper conductor cable of 1.1 KV grade of following sizes on wall/ surface as required. Above 35 Sq.mm upto 95 Sq.mm	120.00	Mtr
1.01	Laying and fixing of one number XLPE/ PVC insulated PVC sheathed aluminium/copper conductor cable of 1.1 KV grade of following sizes on wall/ surface as required. Above 185 Sq.mm upto 400 Sq.mm	30.00	Mtr
1.01	Laying and fixing of one number XLPE/ PVC insulated PVC sheathed aluminium/copper conductor cable of 1.1 KV grade of following sizes on cable tray as required(With Caable tie). Above 35 Sq.mm upto 95 Sq.mm	842.00	Mtr
1.01	Laying and fixing of one number XLPE/ PVC insulated PVC sheathed aluminium/copper conductor cable of 1.1 KV grade of following sizes on cable tray as required(With Caable tie). Above 185 Sq.mm upto 400 Sq.mm	50.00	Mtr

36.00	65376.00	150.00	272400.00	46.00	83536.00
90.00	900.00	280.00	2800.00	100.00	1000.00
63.00	7560.00	140.00	16800.00	80.00	9600.00
90.00	2700.00	260.00	7800.00	200.00	6000.00
36.00	30312.00	90.00	75780.00	50.00	42100.00
90.00	4500.00	195.00	9750.00	120.00	6000.00

65376.00	C P MONCHEST ER ELECTRICA LS
900.00	C P MONCHEST ER ELECTRICA LS
7560.00	C P MONCHEST ER ELECTRICA LS
2700.00	C P MONCHEST ER ELECTRICA LS
30312.00	C P MONCHEST ER ELECTRICA LS
4500.00	C P MONCHEST ER ELECTRICA LS

1.01	Supply, Installation, testing and commissioning of MV Cubical panel, made out of 14 SWG CRCA sheet steel, totally enclosed, IP 54 protection, free standing, floor mounting, dust and vermin proof, indoor, compartmentalised, powder coated painting suitable for operation on 3 phase and netural, 415 V, 50 Hz AC supply system with busbars extensible on both sides, interconnections with suitable size of solid aluminium strips, ammeter, voltmeter, indicating lamps CT's, all incoming & outgoing feders with true rms value sensing class 0.5 multifunction power cum energy meters with ports & wired out, interlocking and having following incomer& bus coupler and outgoing moulded case circuit breaker complete with releases for protection including supply & installation complete item as pequired and as per specifications. Incoming : 400 A, FP , 36 KA, thermal magnetic release lcs= 100% Icu MCCB with rotary handle, spreader link - 2 No Bus Coupler 400 A, FP , 36 KA, thermal magnetic release lcs= 100% Icu MCCB with rotary handle, spreader link - 1 No Outgoing : 250 A, FP, 36KA, thermal magnetic release lcs= 100% Icu MCCB with rotary handle, spreader link- 2Nos 160 A, FP, 36KA, thermal magnetic release lcs= 100% Icu MCCB with rotary handle, spreader link- 2Nos 100 A, FP, 36KA, thermal magnetic release lcs= 100% Icu MCCB with rotary handle, spreader link- 4Nos Bus bar: 400 A,TPN busbar - 1 set 96 Sqmm Digital ammeter with selector switch -1 set 96 Sqmm Digital Voltmeter with selector switch -1 Set Indicating lamp (LED) RYB - 1 set	1.00	Each
1.01	Excavation of the cable trenches in hard rock not exceeding 1.5 metres in width, and lift upto 1.5 metres, including getting out the excavated soil and disposal of excavated soil as directed within a lead of 50 metres	15.00	Cum

270000.00	270000.00	235000.00	235000.00	198000.00	198000.00
450.00	6750.00	2500.00	37500.00	600.00	9000.00

198000.00	KALKI ELECTRICALS
6750.00	C P MONCHESTER ELECTRICALS

1.01	Providing and laying in position cement concrete 1:3:6 (1 cement : 2 coarse sand : 6 graded stone aggregate 40 mm nominal size) in foundation of pump, DG set etc including form work etc as required.	5.00	Cum
1.01	Providing, laying and fixing of 10 " dia PVC pipe 4 Kg in ground complete with collars, jointing and refilling etc as required.	75.00	Mtr
1.02	Supply of 12 way IP 54 Metal Door, Double Door vertical type TPN prewired load line sheet steel, MCB distribution board, 415 volts with insulated vertical phsae bus bar, nuetral bar with shroud, earth bar, sticking saddles with colour coded interconnecting wire set and blanking plates etc . as required (incomer suitable for MCCB)	2.00	Each
1.02	Supply of 12 way IP 54 Metal Door, Single Door Horizontal type TPN prewired load line sheet steel, MCB distribution board, 415 volts with loose wire box, termianl bolcks, duly prewired with suitable size FR PVC insulated copper conductor upto terminal blocks, neutral link, earth bar, din bar, detachable gland plate, inter connections, phospatized and powder painted, including earthing etc. as required (incomer suitable for MCB)	2.00	Each
1.02	Supply of "C" Series SP MCB of following rating suitable for operation at 415V 50 Hz AC (a) 6 A -32 A	72.00	Each
1.02	Supply of "C" Series 32 A rating, Three pole, 415 V MCB in the existing MCB DB complete with coinnetcions, testing, comissioning etc. as required.	12.00	Each
1.02	Supply of "C" Series 63 A rating, Three pole, 415 V MCB in the existing MCB DB complete with coinnetcions, testing, comissioning etc. as required.	12.00	Each
1.02	Supply of "C" Series 63 A rating, Four pole, 415 V MCB in the existing MCB DB complete with coinnetcions, testing, comissioning etc. as required.	2.00	Each

4500.00	22500.00	7500.00	37500.00	4800.00	24000.00
720.00	54000.00	850.00	63750.00	1000.00	75000.00
9000.00	18000.00	23000.00	46000.00	16000.00	32000.00
6300.00	12600.00	23000.00	46000.00	12000.00	24000.00
162.00	11664.00	175.00	12600.00	200.00	14400.00
900.00	10800.00	855.00	10260.00	980.00	11760.00
1260.00	15120.00	1300.00	15600.00	1800.00	21600.00
1800.00	3600.00	1600.00	3200.00	2000.00	4000.00

22500.00	C P MONCHESTER ELECTRICALS
54000.00	C P MONCHESTER ELECTRICALS
18000.00	C P MONCHESTER ELECTRICALS
12600.00	C P MONCHESTER ELECTRICALS
11664.00	C P MONCHESTER ELECTRICALS
10260.00	Shantha ELectricals and Engineers Pvt Ltd
15120.00	C P MONCHESTER ELECTRICALS
3200.00	Shantha ELectricals and Engineers Pvt Ltd

1.02	Supply of following rate MCCB suitable to operate 415V 50Hz supply complete etc. as required. FP, 63A to 100A (Model: Legrand DPX 160 thermal magnetic, Icu=25 kA)	2.00	Each
1.02	Fixing of 5A to 32 A rating 240 V,"C" Series, miniature circuit Breaker suitable for lighting and other loads of following poles in the existing MCB DB complete with connections, testing,commissioning etc. as required.(a)Single Pole/ Double Ploe	72.00	Each
1.02	Fixing of 32A to 63 A rating 240 V,"C" Series, miniature circuit Breaker suitable for lighting and other loads of following poles in the existing MCB DB complete with connections, testing,commissioning etc. as required.(a)Three Pole/ Four Ploe	24.00	Each
1.02	Fixing following rating, Four pole 63A to 100A, (three phase and neutral), 415 V miniature current circuit breaker (RCCB), having a sensitivity current 25kA in the existing MCB DB complete with connections, testing and commissioning etc. as required.	2.00	Each
1.03	Fixing of 12 Way, Vertical Single door TPN prewired sheet steel,MCCB distribution board including testing,commissioning etc. as required	2.00	Each
1.03	Fixing of 12 Way, Horizontal Single door TPN prewired sheet steel,MCB distribution board including testing,commissioning etc. as required	2.00	Each
1.03	Providing and fixing 25 mm X 5 mm G.I. strip on surface or in recess for connections etc. as required	20.00	Each

Total in Figures

Lowest Amount Quoted BY: C P MONCHESTER ELECTRICALS(1742868)

6300.00	12600.00	5670.00	11340.00	6000.00	12000.00
36.00	2592.00	60.00	4320.00	440.00	31680.00
36.00	864.00	100.00	2400.00	2100.00	50400.00
90.00	180.00	250.00	500.00	4400.00	8800.00
900.00	1800.00	1200.00	2400.00	1200.00	2400.00
900.00	1800.00	1200.00	2400.00	1200.00	2400.00
270.00	5400.00	280.00	5600.00	1200.00	24000.00

1742868.002000000.001869176.00

11340.00	Shantha Electricals and Engineers Pvt Ltd
2592.00	C P MONCHESTER ELECTRICALS
864.00	C P MONCHESTER ELECTRICALS
180.00	C P MONCHESTER ELECTRICALS
1800.00	C P MONCHESTER ELECTRICALS
1800.00	C P MONCHESTER ELECTRICALS
5400.00	C P MONCHESTER ELECTRICALS