

Tender Inviting Authority: Asst.General Manager(E-E), AAI, Begumpet Airport.

Name of Work: Provision of standby feeder cable to glidepath-27 at Begumpet Airport.

Contract No: 2019_AAI_39850_1

SCHEDULE OF WORK / ITEM(S)

SL No.	Description of Work / Item(s)	No. of Qty	Units	Estimated Rate	C P MONCHESTER ELECTRICALS		Shantha Electricals and Engineers Pvt Ltd		DEEPAKELECTRICALS		SRI RAGHAVENDRA ELECTRICALS		JAYRAM INDUSTRIES INDIA PRIVATE LIMITED		POWERSOL INFRA SERVICES PRIVATE LIMITED		SWAS AND IT PRIVATE LIMITED	
					Rate	Amount	Rate	Amount	Rate	Amount	Rate	Amount	Rate	Amount	Rate	Amount	Rate	Amount
1.00	Supply of 3/6 core x 240 mm2 XLPE insulated and PVC sheathed Aluminium conductor armoured power cable of 1.1KV grade conforming to relevant IS 1554 / IS 7098 with upto date amendments etc. as required.	1500.00	Meter		860.00	1290000.00	720.00	1080000.00	999.00	1498500.00	780.00	1170000.00	730.00	1095000.00	756.00	1134000.00	695.00	1042500.00
2.00	Supplying and laying of following size DWV HDPE pipe ISI marked along with all accessories like socket, bend, couplers etc. conforming to IS 14930. Part II complete with fitting and cutting, jointing etc direct in ground (75 cm below ground level) including excavation and refilling the trench but excluding sand cushioning and protective covering etc. . complete as required. a) 120 mm dia (OD-120 mm & ID-103 mm nominal)	800.00	Meter		165.00	132000.00	330.00	264000.00	200.00	160000.00	230.00	184000.00	235.00	188000.00	161.00	128800.00	189.00	151200.00
3.00	Laying of one number PVC insulated and PVC sheathed I XLPE power cable of 1.1 KV grade of following size direct in ground including excavation, sand cushioning, protective covering and refilling the trench etc. as required. A) Above 185 sq. mm and upto 400 sq. mm.	24.00	Meter		400.00	9600.00	350.00	8400.00	250.00	6000.00	300.00	7200.00	410.00	9840.00	972.00	23328.00	389.00	9336.00
4.00	Laying of one number PVC insulated and PVC sheathed / XLPE power cable of 1.1 KV grade of following size in the existing RCC/ HUMET/ METAL/OWCHDPE pipe as required. a) Above 185 sq. mm and upto 400 sq. mm.	956.00	Meter		60.00	57360.00	120.00	114720.00	45.00	43020.00	40.00	38240.00	105.00	100380.00	78.00	74568.00	108.00	103248.00
5.00	Laying of one number PVC insulated and PVC sheathed / XLPE power cable of 1.1 KV grade of following size in the existing masonry open duct as required a) Above 185 sq. mm and upto 400 sq. mm.	31.00	Meter		60.00	18600.00	100.00	31000.00	35.00	10850.00	40.00	12400.00	85.00	26350.00	62.00	18220.00	132.00	40920.00
6.00	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. a) Above 185 sq. mm and upto 400 sq. mm. (clamped with 4x25mm MS flat clamp)	20.00	Meter		120.00	2400.00	150.00	3000.00	65.00	1300.00	40.00	800.00	95.00	1900.00	111.00	2220.00	126.00	2520.00
7.00	Providing, laying and fixing following dia G.I pipe (medium class) in ground complete with G.I fittings including trenching (75 cm deep) and re-filling etc. as required. a) 100 mm dia	56.00	Meter		900.00	50400.00	1100.00	61600.00	1250.00	70000.00	1400.00	78400.00	1010.00	56560.00	1490.00	83440.00	625.00	35000.00
8.00	Supplying and making straight through joint with heat shrinkable kit 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. a) 3.5 X 240 sq. mm	4.00	Set		6250.00	25000.00	5500.00	22000.00	4000.00	16000.00	6000.00	24000.00	5900.00	23600.00	7584.00	30336.00	4680.00	18720.00
9.00	Supplying and Making end termination with brass compression gland and aluminium lugs for following: PVC insulated and PVC sheathed / XLPE insulated 1.1KV grade cables as required a) 3.5 Core x 240 Sq. mm	2.00	Set		1500.00	3000.00	900.00	1800.00	700.00	1400.00	3000.00	6000.00	820.00	1640.00	2318.00	4636.00	560.00	1160.00
10.00	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.	20.00	Cum		900.00	18000.00	750.00	15000.00	1000.00	20000.00	1200.00	24000.00	981.00	19620.00	1143.00	22860.00	378.00	7560.00
11.00	Providing and laying in position cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size) in foundation of pump, DG set etc including form work etc as required.	10.00	Cum		4500.00	45000.00	4000.00	40000.00	5000.00	50000.00	5000.00	50000.00	7200.00	72000.00	9200.00	92000.00	4780.00	47800.00
12.00	Supplying and fixing 200A, Offload Chargeover Switch in sheet enclosure, 4P-4L5 volts, on surface, complete and powder painted including earthing etc. as required.	1.00	Job		15000.00	15000.00	8900.00	8900.00	22000.00	22000.00	18500.00	18500.00	15580.00	15580.00	10817.00	10817.00	9780.00	9780.00
13.00	Supply, installation, Testing and Commissioning of Three phase Surge protection (MOV, plug in type) capable with Neutral Earth (earth carrying nominal discharge of 100KA (block MOV), 800 micro second surge, protection level of 1.8kV in IP55 grade enclosure, complete with suitable safety circuit breaker, base interconnection with copper cable, end terminations etc. . as per specifications enclosed (First stage protection to be provided at power entry point) Make : Tercel	1.00	Job		25000.00	25000.00	85000.00	85000.00	20000.00	20000.00	40000.00	40000.00	94000.00	94000.00	81075.00	81075.00	84340.00	84340.00
14.00	Providing of earth pits material using ISOGL, earth enhanced compound of 20kgs. ISOROD advanced chemical earth rod made with k type copper tube of 2.5" dia, 8fts. long, 3.6mm thick installed vertically or horizontally as per the site conditions complete with flanges bends top cover heavy duty plastic inspection chamber including excavation and refilling etc as required. Make: Tercel.	1.00	Job		18000.00	18000.00	35000.00	35000.00	13000.00	13000.00	20000.00	20000.00	35300.00	35300.00	35156.00	35156.00	38920.00	38920.00
15.00	Providing and fixing of copper tape/strip of size 25x3mm on surface/encasing pipe for loop earthing for site earthing and bonding etc. . as required in 40mm dia GI pipe (to supply and laying as per site requirement.	15.00	Mtrs		950.00	14250.00	600.00	9000.00	450.00	6750.00	700.00	10500.00	815.00	12225.00	455.00	6825.00	716.00	10740.00
16.00	Supplying and laying of following size DWV HDPE pipe ISI marked along with all accessories like socket, bend, couplers etc. conforming to IS 14930. Part II complete with fitting and cutting, jointing etc direct in the existing cable trench but excluding sand cushioning and protective covering etc. . complete as required. a) 75 mm dia (For OFC Cable)	1000.00	Mtrs		100.00	100000.00	150.00	150000.00	110.00	110000.00	85.00	85000.00	90.00	90000.00	115.00	115000.00	62.00	62000.00
17.00	Laying of one number PVC insulated and PVC sheathed / XLPE power cable of 1.1 KV grade of following size in the existing RCC/ HUMET/ METAL/OWCHDPE pipe as required a) Up to 35 sq. mm (for OFC Cable).	1000.00	Mtrs		20.00	20000.00	80.00	80000.00	30.00	30000.00	30.00	30000.00	26.00	26000.00	46.00	46000.00	52.00	52000.00
18.00	Laying of one number PVC insulated and PVC sheathed / XLPE power cable of 1.1 KV grade of following size in the existing masonry open duct including zip ties etc. as required. a) Up to 35 sq. mm (for OFC Cable).	200.00	Mtrs		20.00	4000.00	60.00	12000.00	25.00	5000.00	25.00	5000.00	30.00	6000.00	41.00	8200.00	52.00	10400.00

L1 Amount	L1 Vendor
1042500.00	SWAS AND IT PRIVATE LIMITED
128800.00	POWERSOL INFRA SERVICES PRIVATE LIMITED
6000.00	DEEPAKEL ELECTRICALS
38240.00	SRI RAGHAVEN DRA ELECTRICALS
10850.00	DEEPAKEL ELECTRICALS
800.00	SRI RAGHAVEN DRA ELECTRICALS
35000.00	SWAS AND IT PRIVATE LIMITED
16000.00	DEEPAKEL ELECTRICALS
1160.00	SWAS AND IT PRIVATE LIMITED
7560.00	SWAS AND IT PRIVATE LIMITED
40000.00	Shuntha Electricals and Engineers Pvt.Ltd
8900.00	Shuntha Electricals and Engineers Pvt.Ltd
20000.00	DEEPAKEL ELECTRICALS
13000.00	DEEPAKEL ELECTRICALS
6750.00	DEEPAKEL ELECTRICALS
62000.00	SWAS AND IT PRIVATE LIMITED
20000.00	C P MONCHESTER ELECTRICALS
4000.00	C P MONCHESTER ELECTRICALS

Total in Figures

1847610.00

2021420.00

2083820.00

1804040.00

1873995.00

1992481.00

1728144.00

Lowest Amount Quoted BY: SWAS AND IT PRIVATE LIMITED(1728144.00)

BOQ Summary Details**Tender Title: Provision of standby feeder cable to glidepath 27 at Begumpet Airport****Tender ID: 2020_AAI_39850_1**

Sheet Name	Sl.No	Bidder Name	Amount	Bid Rank
BoQ1	1	SWAS AND IT PRIVATE LIMITED	1728144.00	L1
	2	SRI RAGHAVENDRA ELECTRICALS	1804040.00	L2
	3	C P MONCHESTER ELECTRICALS	1847610.00	L3
	4	JAYRAM INDUSTRIES INDIA PRIVATE LIMITED	1873995.00	L4
	5	POWERSOL INFRA SERVICES PRIVATE LIMITED	1992481.00	L5
	6	Shantha Electricals and Engineers Pvt Ltd	2021420.00	L6
	7	DEEPAKELECTRICALS	2083820.00	L7

Signature Not VerifiedDigitally signed by CHINTALA
VENKATESWARA RAO

Date: 2020.01.31 16:41:51 IST

Location: eProcurement System for Central
PSUs