

Government eProcurement System
Created By: RISHI RAJ BAGRE
Created Date/Time: 18-Nov-2020 04:05 PM
Tender Title: Extension of Departure Conveyor in BM area at Indore Airport. SH Miscellaneous Electrical works for Inline Baggage Screening System
Tender ID: 2020_AAI_60598_1

Tender Inviting Authority: <Asstt.General Manager (Engg.-E)-II>

Name of Work: <Extension of Departure Conveyor in BM area at Indore Airport.SH:-Miscellaneous Electrical works for Inline Baggage S

Contract No: <AAI/ID/ENGG.-(E)/ENIT-05/2020-21>

SCHEDULE OF WORK / ITEM(S)

Sl.No	Description of Work / Item(s)	No.of Qty	Units	Estimated Rate	VOLKS ENERGIE PVT LTD(GSTN-07AADCV9396C1ZZ)		Techno Electricals(GSTN-24AAGFT9086M1ZG)		Messers Rajesh Gawde(GSTN-23AFHPG7133A1Z4)	
					Rate	Amount	Rate	Amount	Rate	Amount
1.00	Supply of following sizes of 1.1 KV grade multicore aluminium conductor XLPE insulated and PVC sheathed armoured cable as per IS : 7098:1988 (part 1) with upto date amendments. (Makes as per AAI approved makes.) 3.5X 50 SQ.mm	500.00	Meter	100.00	190.00	95000.00	269.00	134500.00	212.50	106250.00
2.00	Laying and fixing of one number PVC insulated and PVC sheathed I XLPE power cable of 1.1 kV grade of following size on wall surface as required. Above 35 sq. mm and upto 95 sq. mm (clamped with 25x3mm MS flat clamp)	500.00	Meter	100.00	50.00	25000.00	40.00	20000.00	15.00	7500.00
3.00	Supplying and fixing of 65 mm Dia B class GI pipe at suitable depth i/c road /concrete cutting and making good the same with 1:2:4 Cement concrete etc as required.	30.00	Meter	10.00	570.00	17100.00	985.00	29550.00	845.00	25350.00
4.00	Supply of indoor recessed type 2 ft. x 2 ft. LED luminaires of 36 W system wattage (approx), having lumen output minimum 100 lumens/watt with lenses, IP 20 or higher, surge protection should be > 2.5 KV, extruded aluminium/ CRCA/ standard alloy housing, heat resistant toughened glass/ polycarbonate cover etc. as per technical specifications, suitable for operation on 230V ± 10 %, 50 Hz AC supply with all accessories complete as required.	30.00	Each	10.00	1900.00	57000.00	2252.00	67560.00	1775.00	53250.00
5.00	Supply of indoor type 20 watt LED tube light fitting complete with batten and LED tube, having lumen efficiency minimum 100 Lumens/watt, suitable for operation on 230 volt., 50 HZ, 1 phase, AC supply complete as required as per technical specifications .	2.00	Each	10.00	380.00	760.00	650.00	1300.00	550.00	1100.00

L1 Amount	L1 Vendor
95000.00	VOLKS ENERGIE PVT LTD
7500.00	Messers Rajesh Gawde
17100.00	VOLKS ENERGIE PVT LTD
53250.00	Messers Rajesh Gawde
760.00	VOLKS ENERGIE PVT LTD

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					Rate	Amount	Rate	Amount	Rate	Amount		
6.00	Installation, Testing and Commissioning of LED luminaire complete with all accessories directly on ceiling/wall, including , connection with 1.5 sq. mm FRLS PVC insulated, copper conductor, single core cable and earthing etc. as required.	32.00	Each	10.00	280.00	8960.00	200.00	6400.00	30.00	960.00	960.00	Messers Rajesh Gawde
7.00	Wiring for light point/ fan point/ exhaust fan point/ call bell point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable in surface / recessed steel conduit, with modular switch, modular plate, suitable GI box and earthing the point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable etc. as required. Group A	20.00	Point	10.00	800.00	16000.00	950.00	19000.00	300.00	6000.00	6000.00	Messers Rajesh Gawde
8.00	Wiring for group controlled (looped) light point/fan point/exhaust fan point/ call bell point (without independent switch etc.) with 1.5 sq. mm FRLS PVC insulated copper conductor single core cable in surface/ recessed steel conduit, and earthing the point with 1.5 sq. mm FRLS PVC insulated copper conductor single core cable etc. as required. Group A	12.00	Point	10.00	800.00	9600.00	1545.00	18540.00	200.00	2400.00	2400.00	Messers Rajesh Gawde
9.00	Wiring for circuit/ submain wiring alongwith earth wire with the following sizes of FRLS PVC insulated copper conductor, single core cable in surface/ recessed steel conduit as required (a) 2 X 1.5 sq. mm + 1 X 1.5 sq. mm earth wire	175.00	Meter	10.00	65.00	11375.00	175.00	30625.00	75.00	13125.00	11375.00	VOLKS ENERGIE PVT LTD
10.00	Wiring for circuit/ submain wiring alongwith earth wire with the following sizes of FRLS PVC insulated copper conductor, single core cable in surface/ recessed steel conduit as required (b) 2 X 4 sq. mm + 1 X 4 sq. mm earth wire	20.00	Meter	10.00	110.00	2200.00	200.00	4000.00	105.00	2100.00	2100.00	Messers Rajesh Gawde
11.00	Wiring for circuit/ submain wiring alongwith earth wire with the following sizes of FRLS PVC insulated copper conductor, single core cable in surface/ recessed steel conduit as required (c) 4 X 4 sq. mm + 2 X 4 sq. mm earth wire	40.00	Meter	10.00	185.00	7400.00	350.00	14000.00	160.00	6400.00	6400.00	Messers Rajesh Gawde
12.00	Supplying and drawing following sizes of FRLS PVC insulated copper conductor, single core cable in the existing surface/ recessed steel/ PVC conduit as required. (a) 5 x 4 sq.mm	270.00	Meter	10.00	165.00	44550.00	139.00	37530.00	145.00	39150.00	37530.00	Techno Electricals

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					Rate	Amount	Rate	Amount	Rate	Amount		
13.00	Supplying and drawing following sizes of FRLS PVC insulated copper conductor, single core cable in the existing surface/ recessed steel/ PVC conduit as required. (b) 5 x 6 sq.mm	15.00	Meter	10.00	230.00	3450.00	300.00	4500.00	200.00	3000.00	3000.00	Messers Rajesh Gawde
14.00	Supplying and fixing of following sizes of steel conduit along with accessories in surface/recess including painting in case of surface conduit, or cutting the wall and making good the same in case of recessed conduit as required. (a) 25mm	270.00	Meter	10.00	85.00	22950.00	145.00	39150.00	55.00	14850.00	14850.00	Messers Rajesh Gawde
15.00	Supplying and fixing of following sizes of steel conduit along with accessories in surface/recess including painting in case of surface conduit, or cutting the wall and making good the same in case of recessed conduit as required. (b) 32mm	15.00	Meter	10.00	105.00	1575.00	163.00	2445.00	65.00	975.00	975.00	Messers Rajesh Gawde
16.00	Wiring for light/ power plug with 2X4 sq. mm FRLS PVC insulated copper conductor single core cable in surface/ recessed steel conduit alongwith 1 No. 4 sq. mm FRLS PVC insulated copper conductor single core cable for loop earthing as required.	90.00	Meter	10.00	110.00	9900.00	169.00	15210.00	105.00	9450.00	9450.00	Messers Rajesh Gawde
17.00	Supplying and fixing suitable size GI box with modular plate and cover in front on surface or in recess, including providing and fixing 3 pin 5/6 A modular socket outlet and 5/6 A modular switch, connections etc. as required.	34.00	Each	10.00	200.00	6800.00	300.00	10200.00	130.00	4420.00	4420.00	Messers Rajesh Gawde
18.00	Supplying and fixing suitable size GI box with modular plate and cover in front on surface or in recess, including providing and fixing 6 pin 5/6 A & 15/16 A modular socket outlet and 15/16 A modular switch, connections etc. as required.	16.00	Each	10.00	500.00	8000.00	350.00	5600.00	180.00	2880.00	2880.00	Messers Rajesh Gawde
19.00	Supplying and fixing following way, Vertical type three pole and neutral, sheet steel, MCB distribution board, 415 V, on surface/ recess, complete with tinned copper bus bar, neutral bus bar, earth bar, din bar, interconnections, powder painted including earthing etc. as required. (But without MCB/RCCB/ Isolator) (a) 6 way (4 + 18), Double door	2.00	Each	10.00	7150.00	14300.00	7585.00	15170.00	5900.00	11800.00	11800.00	Messers Rajesh Gawde

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					Rate	Amount	Rate	Amount	Rate	Amount		
20.00	Supplying and fixing following way, Vertical type three pole and neutral, sheet steel, MCB distribution board, 415 V, on surface/ recess, complete with tinned copper bus bar, neutral bus bar, earth bar, din bar, interconnections, powder painted including earthing etc. as required. (But without MCB/RCCB/ Isolator) (b) 4 way (4 + 12), Double door	4.00	Each	10.00	570.00	2280.00	6250.00	25000.00	4925.00	19700.00	2280.00	VOLKS ENERGIE PVT LTD
21.00	Supplying and fixing 6 amps to 32 amps rating, 240/415 volts, "C" curve, miniature circuit breaker suitable for inductive load of following poles in the existing MCB DB complete with connections, testing and commissioning etc. as required. (a) Single pole	9.00	Each	10.00	150.00	1350.00	115.00	1035.00	131.00	1179.00	1035.00	Techno Electricals
22.00	Supplying and fixing 6 amps to 32 amps rating, 240/415 volts, "C" curve, miniature circuit breaker suitable for inductive load of following poles in the existing MCB DB complete with connections, testing and commissioning etc. as required. (b) Three pole	18.00	Each	10.00	715.00	12870.00	750.00	13500.00	681.00	12258.00	12258.00	Messers Rajesh Gawde
23.00	Supplying and fixing following rating, 415 volts, "C" curve, miniature circuit breaker suitable for inductive load of following poles in the existing MCB DB complete with connections, testing and commissioning etc. as required. (a) 40 A Three pole	5.00	Each	10.00	1050.00	5250.00	1250.00	6250.00	1047.00	5235.00	5235.00	Messers Rajesh Gawde
24.00	Supplying and fixing following rating, 415 volts, "C" curve, miniature circuit breaker suitable for inductive load of following poles in the existing MCB DB complete with connections, testing and commissioning etc. as required. (b) 63 A Three pole	2.00	Each	10.00	1150.00	2300.00	1500.00	3000.00	1047.00	2094.00	2094.00	Messers Rajesh Gawde
25.00	Supplying and fixing following rating, 415 volts, "C" curve, miniature circuit breaker suitable for inductive load of following poles in the existing MCB DB complete with connections, testing and commissioning etc. as required. (c) 40 A Four pole	3.00	Each	10.00	1250.00	3750.00	1250.00	3750.00	1385.00	4155.00	3750.00	VOLKS ENERGIE PVT LTD, Techno Electricals

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					Rate	Amount	Rate	Amount	Rate	Amount		
26.00	Supplying and fixing following rating, 415 volts, "C" curve, miniature circuit breaker suitable for inductive load of following poles in the existing MCB DB complete with connections, testing and commissioning etc. as required. (d) 63 A Four pole	1.00	Each	10.00	1350.00	1350.00	1500.00	1500.00	1350.00	1350.00	1350.00	VOLKS ENERGIE PVT LTD, Messers Rajesh Gawde
27.00	Supplying and fixing following rating, 415 volts, "C" curve, miniature circuit breaker suitable for inductive load of following poles in the existing MCB DB complete with connections, testing and commissioning etc. as required. (e) 63 A Three pole & Neutral	3.00	Each	10.00	1300.00	3900.00	1750.00	5250.00	1307.00	3921.00	3900.00	VOLKS ENERGIE PVT LTD
28.00	Supplying and fixing of metal sheet enclosures of required size for 4 pole MCB etc complete as required.	4.00	Each	10.00	250.00	1000.00	200.00	800.00	374.00	1496.00	800.00	Techno Electricals
29.00	Supplying and Fixing of 125 A, TPN Switch fuse unit (SFU) in SS enclosure confirming to IS/IEC 60947-3 as required for power supply distribution.	2.00	Each	10.00	7600.00	15200.00	3250.00	6500.00	8250.00	16500.00	6500.00	Techno Electricals
30.00	Supplying and fixing of 63 Amp, four pole, (three phase and neutral), 415 V, residual current circuit breaker (RCCB), having a sensitivity current 300 mA in the existing MCB DB complete with connections, testing and commissioning etc. as required.	3.00	Each	10.00	2150.00	6450.00	5252.00	15756.00	2402.00	7206.00	6450.00	VOLKS ENERGIE PVT LTD
31.00	Supplying and fixing 20 amps. 240 volts, SPN industrial type, socket outlet, with 2 pole and earth metal enclosed plug top alongwith 20 amps. 'C' series, SP MCB in sheet steel enclosure, on surface or in recess, with chained metal cover for the socket outlet, and complete with connections, testing and commissioning etc. as required as per AAI approved makes.	4.00	Each	10.00	800.00	3200.00	1025.00	4100.00	1112.00	4448.00	3200.00	VOLKS ENERGIE PVT LTD
32.00	Supplying and fixing 32 amps. 415 volts, TPN industrial type, socket outlet, with 3 pole and earth metal enclosed plug top alongwith 32 amps. 'C' series, TPN MCB in sheet steel enclosure, on surface or in recess, with chained metal cover for the socket outlet, and complete with connections, testing and commissioning etc. as required as per AAI approved makes.	12.00	Each	10.00	2700.00	32400.00	3250.00	39000.00	3000.00	36000.00	32400.00	VOLKS ENERGIE PVT LTD

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					Rate	Amount	Rate	Amount	Rate	Amount		
33.00	SITC of 3 TR floor standing type tower Air Conditioner units , evaporator with coil, aircooled condenser with hermitically sealed scroll type compressor,condensor coil, propeller fans controls suitable for operation on 415 V +/- 10%, 50 Hz, Three Phase AC Supply and capable of performing cooling, dehumidifying, air circulating, filtering etc. including provision of suitable angle iron stand/ PCC pedestal for outdoor units and fixing of drain & refrigerent piping with insulation, cabling & electrical connections, complete as per technical specifications, as required.	12.00	Each	10.00	90500.00	1086000.00	89568.00	1074816.00	95750.00	1149000.00	1074816.00	Techno Electricals
34.00	SITC of 1.5 TR Split Inverter Air Conditioners, 5 Star BEE rating, suitable for wall mounting operation, fitted with rotary compressor, refrigerent R-32, with LCD Remote, Anti Dust Filter, Copper condensor, connecting Copper refrigerent piping upto 3.5 Mtr, suitable for operation on 230V +/- 10%, 50 Hz, Single Phase AC Supply and capable of performing cooling, dehumidifying, air circulating, filtering etc. including provision of suitable angle iron stand/ PCC pedestal for outdoor units and fixing of drain & refrigerent piping with insulation, cabling & electrical connections, complete as per technical specifications, as required.	4.00	Each	10.00	39500.00	158000.00	37252.00	149008.00	37499.00	149996.00	149008.00	Techno Electricals
35.00	Supplying and fixing Extra Refrigerant copper piping with insulation, of required size as suitable for 3 TR Tower AC.	80.00	Meter	10.00	720.00	57600.00	821.00	65680.00	1050.00	84000.00	57600.00	VOLKS ENERGIE PVT LTD
36.00	Supplying and fixing Extra Refrigerant copper piping with insulation, of required size as suitable for 1.5 TR Split Inveretr AC.	60.00	Meter	10.00	650.00	39000.00	700.00	42000.00	950.00	57000.00	39000.00	VOLKS ENERGIE PVT LTD
37.00	Supplying and fixing of Extra drain pipe of required size as suitable for 3TR Tower AC and 1.5 TR Split Inveretr AC.	140.00	Meter	10.00	90.00	12600.00	125.00	17500.00	25.00	3500.00	3500.00	Messers Rajesh Gawde
38.00	Supplying and Laying of 4C X 2.5 Sq.mm flexible cable as required for ITC of 3TR Tower AC and 1.5 TR Split Inveretr AC.	140.00	Meter	10.00	90.00	12600.00	100.00	14000.00	85.00	11900.00	11900.00	Messers Rajesh Gawde

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					Rate	Amount	Rate	Amount	Rate	Amount		
39.00	Supply, Erection, testing and commissioning of cubicle type dust and vermin proof (minimum IP 52 ingress Protection) indoor Electrical distribution panel, conforming to IS:8632 upto 250 A MCCB Suitable for use at 433 Volts 3 phase 4 wire 50 Hertz System fabricated from 2mm outer thick CRCA sheets with hinged gasketted (metal based neoprene) and lockable doors having structural reinforcement with suitable angle/channel/T/flat sections including 3mm thick gland plates on top and bottom including lifting hooks and earth bus of required size with 2 nos earthing terminals coating paint finish of approved shade over metal surface cleaned and treated with seven tank process complete with interconnections etc. as per specifications consisting of following. (a) Incomers-1 No 200 Amps. 4P MCCB 35 KA Icu=Ics With Microprocessor based release having O/L S/C Earth fault protection. (b) 3 Nos phase indication LED lamps With 2Amp back up MCB Breaker ON/OFF/TRIP indicating light. (c) Digital multifunction meter accuracy class 0.5s With LED Screen as per specs with 3 Nos cast resin current transformer of dual core CT's of suitable Amp ratio 15 VA Class 1.0 Metering Protection MCBs as required accessories to complete the system. (d) Bus Bar: Eletrolytic high conductivity Aluminium Extensible three phase and neutral busbars rated at 250 amps & auxiliary Bus bars of suitable capacity insulated with heat shrinkable coloured PVC sleeves. (e) Outgoings:-All MCCB of 35 KA(Ics=Icu) with O/L S/C E/F shall be applicable to each of the following. (i) 4 Nos 4 Pole MCCB 100 Amp (ii) 2 Nos 4 Pole MCCB 63 Amp	1.00	Job	10.00	170000.00	170000.00	175254.00	175254.00	86000.00	86000.00	86000.00	Messers Rajesh Gawde

Total in Figures

1989020.00

2138979.00

1967898.00

Lowest Amount Quoted BY: Messers Rajesh Gawde(1967898.00)

Signature Not Verified

Digitally signed by RISHI RAJ BAGRE
Date: 2020.11.18 16:19:31 IST
Location: eProcurement System for Central PSUs

