

Government eProcurement System
 Created By: Anand Gupta
 Created Date/Time: 12-Jan-2021 05:23 PM
 Tender Title: Development of 15 Nos Parking Bays, Parallel Taxi Track and other associated works at DABH Airport, Indore SH - SITC of High Mast Flood Lights
 Tender ID: 2020_AAI_64329_1

Tender Inviting Authority: <AGM (Engg.-E)-I, AAI, DABH Airport, Indorfe.>

Name of Work: <Development of 15 No's Parking Bays, Parallel Taxi Track and other associated works at DABH Airport, Indore.

Contract No: <AAI/ID/ENGG(E)/ENIT-11/2020-21>

SCHEDULE OF WORK / ITEM(S)

Sl.No	Description of Work / Item(s)	No.of Qty	Units	Estimated Rate	jaydeep agency corporation(GSTN-24ACIPP6157B1ZQ)		Messers Rajesh Gawde(GSTN-23AEHPG7133A1Z4)		M R ELECTRICALS(GSTN-27AARPV8927A1Z5)	
					Rate	Amount	Rate	Amount	Rate	Amount
1.00	Supply of following sizes of PVC/ XLPE insulated and PVC sheathed aluminium conductor armoured cable of 1.1 KV grade conforming to IS 7098 Part - I as per attached technical specifications. (Make - As per attached list of approved makes.)									
1.01	A) 3.5C X 70 Sqmm	350.00	Meter	100.00	300.00	105000.00	316.72	110852.00	291.00	101850.00
1.02	B) 4C X 50 Sqmm	1350.00	Meter	100.00	265.00	357750.00	262.43	354280.50	253.00	341550.00
1.03	C) 4C X 25 Sqmm	800.00	Meter	10.00	180.00	144000.00	159.00	127200.00	154.00	123200.00

L1 Amount	L1 Vendor
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101850.00	M R ELECTRICALS
341550.00	M R ELECTRICALS
123200.00	M R ELECTRICALS

2.00	SITC of LT panel 415 V , 3 Phase , 50 Hz AC Supply , totally enclosed type weather proof, free standing, floor mounted, dust and vermin proof, Outdoor type feeder pillar(IP65) fabricated from 2mm thick CRCA sheet complete with bus bars, internal wiring with suitable size wire interconnection etc and having following electrical accessories complete with 125 Amp four pole Change Over Switch as required. 01 Set of 150 amp TPN BusBar of high conductivity electrolytic type Aluminium Alloy . Incomer -01 no 125 Amp four pole MCCB (Ics value 25KA) with built in thermal based release unit with adjustable setting Outgoing - 04 Nos 40 Amp four pole MCB RYB Indicating lamp (LED Type) Voltmeter with selector switch-01 set Ammeter with selector switch -01 Set Contactor (Type 3P 1NO+1NC) coil voltage 230v 40Amp -01 nos Earthing studs Note:- All MCB/MCCB should be of following makes:- Indoasian/sheineder/Havells All breaker breaking capacities of MCCB Shall be Icu=100% Ics	1.00	Job	10.00	175000.00	175000.00	35704.80	35704.80	20000.00	20000.00	20000.00	M R ELECTRICAL S
3.00	SITC of LT panel 415 V , 3 Phase , 50 Hz AC Supply , totally enclosed type weather proof, free standing, floor mounted, dust and vermin proof, Outdoor type feeder pillar(IP65) fabricated from 2mm thick CRCA sheet complete with bus bars, internal wiring with suitable size wire interconnection etc and having following electrical accessories complete as required. 01 Set of 60 amp TPN BusBar of high conductivity electrolytic type Aluminium Alloy . Incomer -01 no 50 Amp four pole MCB Outgoing - 03 Nos 32 Amp four pole MCB RYB Indicating lamp (LED Type) Voltmeter with selector switch-01 set Ammeter with selector switch -01 Set Contactor (Type 3P 1NO+1NC) coil voltage 230v 40Amp -01 nos Earthing studs	1.00	Job	10.00	125000.00	125000.00	20930.40	20930.40	15000.00	15000.00	15000.00	M R ELECTRICAL S
4.00	Supply of following PVC sheathed, XLPE insulated, armoured, copper conductor control cable conforming to IS 7098 (part-1) with upto date amendments etc as required.											
4.01	A) 6 core X 1.5 sqmm	1250.00	Meter	10.00	150.00	187500.00	129.27	161587.50	125.00	156250.00	156250.00	M R ELECTRICAL S

4.02	B) 16 core X 1.5 sqmm	950.00	Meter	10.00	300.00	285000.00	270.18	256671.00	261.00	247950.00	247950.00	M R ELECTRICAL S
5.00	Laying of one number PVC insulated and PVC sheathed / 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.											
5.01	A) Upto 35 sq. mm Metre	1100.00	Meter	10.00	175.00	192500.00	246.00	270600.00	200.00	220000.00	192500.00	Jaydeep agency corporation
5.02	B) Above 35 sq. mm and upto 95 sq. mm	210.00	Meter	10.00	185.00	38850.00	226.00	47460.00	225.00	47250.00	38850.00	Jaydeep agency corporation
6.00	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.											
6.01	A) Upto 35 sq. mm	1415.00	Meter	10.00	25.00	35375.00	15.00	21225.00	20.00	28300.00	21225.00	Messers Rajesh Gawde
6.02	B) Above 35 sq. mm and upto 95 sq. mm	1310.00	Meter	10.00	30.00	39300.00	19.00	24890.00	35.00	45850.00	24890.00	Messers Rajesh Gawde
7.00	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.											
7.01	A) Upto 35 sq. mm Metre	110.00	Meter	10.00	25.00	2750.00	18.00	1980.00	20.00	2200.00	1980.00	Messers Rajesh Gawde
7.02	B) Above 35 sq. mm and upto 95 sq. mm	40.00	Meter	10.00	30.00	1200.00	28.00	1120.00	35.00	1400.00	1120.00	Messers Rajesh Gawde
8.00	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.											
8.01	A) 3½ X 70 sq. mm (38mm)	4.00	Each	10.00	285.00	1140.00	100.00	400.00	200.00	800.00	400.00	Messers Rajesh Gawde
8.02	B) 4 X 50 sq. mm (35mm)	10.00	Each	10.00	200.00	2000.00	90.00	900.00	150.00	1500.00	900.00	Messers Rajesh Gawde
8.03	C) 4 X 25 sq. mm (28mm)	5.00	Each	10.00	140.00	700.00	80.00	400.00	130.00	650.00	400.00	Messers Rajesh Gawde

8.04	D) 4 X 16 sq. mm (28mm)	4.00	Each	10.00	120.00	480.00	50.00	200.00	100.00	400.00	200.00	Messers Rajesh Gawde
9.00	Excavation of the cable trenches in hard rock not exceeding 1.5 meter in width, and lift upto 1.5 meter, including getting out the excavated soil and disposal of excavated soil as directed within a lead of 50 meter.	25.00	Cum	10.00	375.00	9375.00	172.36	4309.00	2250.00	56250.00	4309.00	Messers Rajesh Gawde
10.00	Earthing with G.I. earth pipe 4.5 metre long, 40 mm dia including accessories, and providing masonry enclosure with cover plate having locking arrangement and watering pipe etc. with charcoal/ coke and salt as required.	8.00	Each	10.00	3800.00	30400.00	6156.00	49248.00	3800.00	30400.00	30400.00	jaydeep agency corporation, M R ELECTRICAL S
11.00	Supplying and laying 6 SWG G.I. wire at 0.50 metre below ground level for conductor earth electrode, including connection/ termination with GI thimble etc. as required.	3000.00	Meter	10.00	23.00	69000.00	22.31	66930.00	7.00	21000.00	21000.00	M R ELECTRICAL S

[illegible]

13.00	Design, supply, erection and commissioing of flood lighting system of 18 m height suitable for wind velocity of 39 Mtrs/sec with hot dip galvanized multiple telescopic sections and material of construction of S 355 grade as per BS-EN10 025 (with base plate welded to the bottom sections), holdings and it shall also include head frame, steel wire rope , non corrosive pulley, complete with control gear boxes, electric driven integral power tool, power & control cables etc. as required along with the following etc. complete as required as per the specifications given include making of necessary foundation as per site conditions. a) Luminaires carriage to hold all required LED light fittings for 20 lux average in apron area plus two additional light fittings for redundancy including all accessories, counter weights and self balance etc. b) Raising and lowering mechanism consisting of suitable double drum winch assembly, head frame assembly on top with self fabricating bearing and stainless steel shaft non-corrosive, pulley, & stainless steel wire ropes of minimum 6mm dia 316 Grade S.S hoisting (7/19 construction) etc. completes with internally mounted electric driven 3 phase, 415 volts, 50 Hz operated integral power tool installed inside the base compartment for its operation and also for manual operation. c) Supply, Laying and fixing of 2 runs of flexible round sheath 5 core control cables of appropriate rating from junction box to lantern carriage including wiring with suitable size of copper cable for individual wiring of all fittings including 2 Nos Aviation obstruction lights. d) Supply of foundation bolts manufactured from special steel along with nuts, washer, suitable size anchor plate and template. e) Design, casting of open raft type RCC foundation suitable for soil bearing capacity at site. The minimum M20 grade concrete for the high mast considering the safe soil bearing capacity at site as 10 T/sqmtr at 2 meter depth job	3.00	Job	10.00	400000.00	1200000.00	212000.00	636000.00	318000.00	954000.00	636000.00	Messers Rajesh Gawde
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14.00	Design,Supply, Erection and Commissioning of 8 mtrs. high GI OCTAGONAL continuously tapered galvanised street light pole with Suitable Luminaire Carriage for installation of flood/Airfield light luminaire suitable for wind velocity as per IS 875 for Indore Airport (but not less than 39 m/sec.), fabricated out of 3 mm MS plate in single section, suitable for installation on a precast foundation with supply of 4 nos. of foundation bolt & anchor plate, rigid flange plate (250x250x16mm min.) welded with the base of pole for fixing on foundation bolts complete as reqd. for structural stability as specified, weather proof and vandal resistant door flush with the exterior surface containing a terminal plate of 5 mm thick backlite sheet with suitable heavy duty connector for loop in loop out cable terminations suitable for upto two numbers 4 core 25 Sq.mm cables & suitable amp rating DP MCB for each fixture connections, earthing bolts for continuous earth connection complete as required with 01 No wired LED obstruction light as per specifications. NOTE : (The top & bottom dia (A/F) of the pole shall not be less than 70mm & 155mm respectively).	4.00	Job	10.00	11000.00	44000.00	20810.00	83240.00	22500.00	90000.00	44000.00	jaydeep agency corporation
15.00	Design,Supply, Erection and Commissioning of 9 mtrs. high GI OCTAGONAL continuously tapered galvanised street light pole with Suitable Luminaire Carriage for installation of flood/Airfield light luminaire suitable for wind velocity as per IS 875 for Indore Airport (but not less than 39 m/sec.), fabricated out of 3 mm MS plate in single section, suitable for installation on a precast foundation with supply of 4 nos. of foundation bolt & anchor plate, rigid flange plate (250x250x16mm min.) welded with the base of pole for fixing on foundation bolts complete as reqd. for structural stability as specified, weather proof and vandal resistant door flush with the exterior surface containing a terminal plate of 5 mm thick backlite sheet with suitable heavy duty connector for loop in loop out cable terminations suitable for upto two numbers 4 core 25 Sq.mm cables & suitable amp rating DP MCB for each fixture connections, earthing bolts for continuous earth connection complete as required with 01 No wired LED obstruction light as per specifications. NOTE : (The top & bottom dia (A/F) of the pole shall not be less than 70mm & 155mm respectively).	2.00	Job	10.00	12500.00	25000.00	22050.00	44100.00	24000.00	48000.00	25000.00	jaydeep agency corporation

16.00	Design,Supply, Erection and Commissioning of 7 mtrs. high GI OCTAGONAL continuously tapered galvanised street light pole with Suitable Luminaire Carriage for installation of flood/Airfield light luminaire suitable for wind velocity as per IS 875 for Indore Airport (but not less than 39 m/sec.), fabricated out of 3 mm MS plate in single section, suitable for installation on a precast foundation with supply of 4 nos. of foundation bolt & anchor plate, rigid flange plate (200x200x12mm min.) welded with the base of pole for fixing on foundation bolts complete as reqd. for structural stability as specified, weather proof and vandal resistant door flush with the exterior surface containing a terminal plate of 5 mm thick backlite sheet with suitable heavy duty connector for loop in loop out cable terminations suitable for upto two numbers 4 core 25 Sq.mm cables & suitable amp rating DP MCB for each fixture connections, earthing bolts for continuous earth connection complete as required with 01 No wired LED obstruction light as per specifications. NOTE : (The top & bottom dia (A/F) of the pole shall not be less than 70mm & 130mm respectively).	2.00	Job	10.00	9500.00	19000.00	18160.00	36320.00	20000.00	40000.00	19000.00	jaydeep agency corporation
17.00	Design,Supply, Erection and Commissioning of 6 mtrs. high GI OCTAGONAL continuously tapered galvanised street light pole with Suitable Luminaire Carriage for installation of flood/Airfield light luminaire suitable for wind velocity as per IS 875 for Indore Airport (but not less than 39 m/sec.), fabricated out of 3 mm MS plate in single section, suitable for installation on a precast foundation with supply of 4 nos. of foundation bolt & anchor plate, rigid flange plate (200x200x12mm min.) welded with the base of pole for fixing on foundation bolts complete as reqd. for structural stability as specified, weather proof and vandal resistant door flush with the exterior surface containing a terminal plate of 5 mm thick backlite sheet with suitable heavy duty connector for loop in loop out cable terminations suitable for upto two numbers 4 core 25 Sq.mm cables & suitable amp rating DP MCB for each fixture connections, earthing bolts for continuous earth connection complete as required with 01 No wired LED obstruction light as per specifications. NOTE : (The top & bottom dia (A/F) of the pole shall not be less than 70mm & 130mm respectively).	3.00	Job	10.00	7500.00	22500.00	17545.00	52635.00	18500.00	55500.00	22500.00	jaydeep agency corporation

18.00	Design,Supply, Erection and Commissioning of 5 mtrs. high GI OCTAGONAL continuously tapered galvanised street light pole with Suitable Luminaire Carriage for installation of flood/Airfield light luminaire suitable for wind velocity as per IS 875 for Indore Airport (but not less than 39 m/sec.), fabricated out of 3 mm MS plate in single section, suitable for installation on a precast foundation with supply of 4 nos. of foundation bolt & anchor plate, rigid flange plate (200x200x12mm min.) welded with the base of pole for fixing on foundation bolts complete as reqd. for structural stability as specified, weather proof and vandal resistant door flush with the exterior surface containing a terminal plate of 5 mm thick backlite sheet with suitable heavy duty connector for loop in loop out cable terminations suitable for upto two numbers 4 core 25 Sq.mm cables & suitable amp rating DP MCB for each fixture connections, earthing bolts for continuous earth connection complete as required with 01 No wired LED obstruction light as per specifications. NOTE : (The top & bottom dia (A/F) of the pole shall not be less than 70mm & 130mm respectively).	1.00	Job	10.00	6500.00	6500.00	12750.00	12750.00	16700.00	16700.00	6500.00	Jaydeep agency corporation
19.00	Supply of 200 W LED Flood light Luminaries of Epoxy powder coated pressure die-cast aluminium housing (ADC12/LM24) with elegantly designed heat sink for efficient thermal management, sturdiness & excellent corrosion resistant, suitable to operate on 230 V, 50 Hz AC power supply and as per Lighting Design at Apron. (LED fittings should be efficacy≥110 Lumen/w, IP66 rating & as per specifications and 5 year guarantee should be provided for complete fittings i/c controller by manufacturer in favour of AAI.	25.00	Each	10.00	10000.00	250000.00	7572.00	189300.00	7000.00	175000.00	175000.00	M R ELECTRICAL S
20.00	Supply of 350 W LED Flood light Luminaries of Epoxy powder coated pressure die-cast aluminium housing (ADC12/LM24) with elegantly designed heat sink for efficient thermal management, sturdiness & excellent corrosion resistant, suitable to operate on 230 V, 50 Hz AC power supply and as per Lighting Design at Apron. (LED fittings should be efficacy≥110 Lumen/w, IP66 rating & as per specifications and 5 year guarantee should be provided for complete fittings i/c controller by manufacturer in favour of AAI.	40.00	Each	10.00	15000.00	600000.00	14528.00	581120.00	13000.00	520000.00	520000.00	M R ELECTRICAL S

21.00	Supply of 500 W LED Flood light Luminaries of Epoxy powder coated pressure die-cast aluminium housing (ADC12/LM24) with elegantly designed heat sink for efficient thermal management, sturdiness & excellent corrosion resistant, suitable to operate on 230 V, 50 Hz AC power supply and as per Lighting Design at Apron. (LED fittings should be efficacy≥110 Lumen/w, IP66 rating & as per specifications and 5 year guarantee should be provided for complete fittings i/c controller by manufacturer in favour of AAI.	18.00	Each	10.00	20000.00	360000.00	25485.00	458730.00	20000.00	360000.00	360000.00	jaydeep agency corporation, M R ELECTRICAL S
22.00	Installation, adjusting, testing and commissioning of 200/350/500 W LED Flood light Luminaries as per requirement on high mast carriage & poles in the new apron so as to achieve desired lux level (Average lux level of 20 Lux & not less than 10 lux at extremities) i/c connection, interconnection and allied accessories etc complete as required as per site condition requirement.	80.00	Job	10.00	200.00	16000.00	887.50	71000.00	300.00	24000.00	16000.00	jaydeep agency corporation
23.00	Design, supply, installation, Testing and Commissioning of 1X20 KVA Capacity, 3 phase in / 1 Phase out online UPS in Stand alone configuration with double conversion PWM IGBT technology to drive constant current regulators as per technical specifications/data sheet enclosed. The UPS shall have built in automatic static by pass, phase sequence protection, pure sine wave output. input-output isolation, built in isolation transformer compatibility with generator supply cold start capability, EMI/RFI noise filter advanced communication-RS232 or equivalent port and user friendly LCD display, suitable to operate at 415V, 50Hz, 3 Phase AC supply and delivering single phase loads with Single phase output and necessary safety protection. The job also includes SITC of 12V, VRLA SMF batteries to give a backup time of minimum 20 minutes along with MS battery rack, connectors, wiring between battery bank and UPS with insulated copper conductor of required size as per site requirement etc. as required. Input of UPS shall have 63 amp 4 pole MCB, The output of UPS shall have 01 No 100 Amp Manual change over switch. Job also includes Input and output copper flexible cable. UPS & Batteries should be As per AAI Approved makes and Warranty on UPS and Battries should be for 02	1.00	Job	10.00	500000.00	500000.00	413513.60	413513.60	325000.00	325000.00	325000.00	M R ELECTRICAL S

Total in Figures

5945320.00

4849696.80

4940000.00

Lowest Amount Quoted BY: Messers Rajesh Gawde(4849696.80)

Signature Not Verified

Digitally signed by Anand Gupta
Date: 2021.01.12 17:34:43 IST
Location: eProcurement System for Central PSUs