

Government eProcurement System Created By: Anil kumar J Created Date/Time: 20-Jul-2022 11:45 AM Tender Title: ARMO of EM Installations at Tirupati Airport for the year 2022 23. Sub Head Supply of electrical spares for EM Installations at Tirupati Airport. Tender ID: 2022_AAI_119399_1

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 2022-23.SUB HEAD: Supply of Electrical Spares for E&M inst

Contract No: AAI/PT/ENGGE/EM-07/2022-23

SCHEDULE OF WORK / ITEM(S)					GK ELECTRICALS AND ENGINEERS(GSTN-27CE7PK95A1R173)		Industrial Traders(GSTN-09ACJPC1773F1ZQ)		SHREE NURSING TIMBER AND ELECTRIC STORES(GSTN-33AAAFB4879L128)		Bafna Electric Corp(GSTN-33AAAFB4879L128)		ABHISHEK INTEGRATIONS LIMITED(GSTN-NA)	
Sl.No	Description of Work / Item(s)	No.of Qty	Units	Estimated Rate	Rate	Amount	Rate	Amount	Rate	Amount	Rate	Amount	Rate	Amount
1.00	Supply of 18W recess mounted cool white LED downlighter with pressure die-cast aluminium heat sink & PC diffuser in white powder coated finish with integral electronic low THD (<10%), suitable to work with 220-240V, 50 Hz AC, CCT of 6500K, efficacy of Minimum 100 Lm/W, P.F>0.9 from list of approved makes as required. Ceiling cutout dia: 175 mm, lamp outer dia: 190 mm.(Model: Bajaj make BGSLO Sleek Recess RD 18W WH LED or Havells make INTEGRANEODLR18WLED857S or its equivalent from list of approved makes)	90.00	Each		868.00	78120.00	1250.00	112500.00	1228.00	110520.00	785.00	70650.00	935.00	84150.00
2.00	Supply of 10W cool white LED batten with Aluminium housing and integrated electronic driver suitable to work with 220-240V, 50 Hz AC, CCT of 6500K, Minimum efficacy 100 Lm/W, P.F>0.95 and THD of <10% from list of approved makes as required. (Model : LUMILINE+BS10WLED865SPCSS of make Havells or equivalent from list of approved makes)	20.00	Each		190.00	3800.00	330.00	6600.00	304.00	6080.00	290.00	5800.00	352.00	7040.00
3.00	Supply of 20W cool white LED batten with Aluminium housing and integrated electronic driver suitable to work with 220-240V, 50 Hz, CCT of 6500K, Minimum efficacy 100 Lm/W, P.F>0.95 and THD of <10% from list of approved makes as required. (Model : LUMILINE+BS20WLED830SPCSS of make Havells or equivalent from list of approved makes)	75.00	Each		268.00	20100.00	343.00	25725.00	339.00	25425.00	325.00	24375.00	418.00	31350.00
4.00	Supply of 36W cool white LED batten with aluminium housing and integrated electronic driver suitable to work with 220-240V, 50 Hz, CCT of 6500K, Minimum efficacy 100 Lm/W, P.F>0.95 and THD of <10% from list of approved makes as required. (Model : LUMILINE+XS36WLED865SPCWH of make Havells or equivalent from list of approved makes)	30.00	Each		618.00	18540.00	838.00	25140.00	678.00	20340.00	510.00	15300.00	726.00	21780.00
5.00	Supply of 9W LED lamp (B22), CCT of 6500K and BEE rating of not less than 3 star, minimum efficacy of 100 Lm/W, suitable for single phase, 230 volts, 50 Hz complete as required from list of approved makes. (Model:LED ADORE PLUS 9W B22 CDL 3 STAR LAMP of make Havells or equivalent from list of approved makes)	50.00	Each		180.00	9000.00	83.50	4175.00	76.00	3800.00	80.00	4000.00	94.00	4700.00
6.00	Supply of 25W cool white light LED strip (5 mtr length), CCT of 6500K, of IP20, suitable to work with 220-250V, 50 Hz AC from list of approved makes as required. (Model : mtr 25W PROFESSIONAL LED STRIP IP20 WH of make Bajaj or equivalent from list of approved makes)	20.00	Set		177.00	3540.00	796.00	15920.00	959.00	19180.00	495.00	9900.00	2200.00	44000.00
7.00	Supply of driver suitable for 18 Watts LED down lighter, operating on 240V, 50HZ AC input supply capable of providing DC output voltage varies from 25 to 65 VDC, and constant current 300 mA.	40.00	Each		300.00	12000.00	600.00	24000.00	819.00	32760.00	765.00	30600.00	715.00	28600.00
8.00	Supply of 6A 3pin plug top suitable to work with 220-240V, 50 Hz AC from list of approved makes as required.	20.00	Each		30.00	600.00	54.00	1080.00	84.00	1680.00	50.00	1000.00	47.00	940.00
9.00	Supply of SWITCH of 16/20amps, Piano type 1way switch from list of approved makes as required. (Make: Anchor penta or equivalent from list of approved makes)	20.00	Each		35.00	700.00	13.00	260.00	128.00	2560.00	80.00	1600.00	33.00	660.00
10.00	Supply of Electronic Fan Regulator (450W Dimmer controller-1 Module) suitable for 240V, 50Hz AC supply etc. from list of approved makes as required (Make : ANCHOR, Model : 450 W Delux Dimmer controller, WHITE code 14504 or equivalent from list of Approved makes).	10.00	Each		190.00	1900.00	185.00	1850.00	320.00	3200.00	195.00	1950.00	198.00	1980.00
11.00	Supply of 1.5sq.mm Flame Retardant Low Smoke & Halogen FR-LSH PVC insulated multistrand copper conductor, single core cable of 1.1KV grade, confirming to IS 694:2010 grade from list of approved makes as required	630.00	Meter		18.00	11340.00	14.75	9292.50	14.00	8820.00	15.00	9450.00	23.00	14490.00
12.00	Supply of 2.5sq.mm Flame Retardant Low Smoke & Halogen FR-LSH PVC insulated multistrand copper conductor, single core cable of 1.1KV grade, confirming to IS 694:2010 grade from list of approved makes as required	540.00	Meter		32.00	17280.00	23.75	12825.00	24.00	12960.00	25.00	13500.00	35.00	18900.00
13.00	Supplying of step type 100 A TPN type Aluminium busbar chamber made up of CRCA sheet suitable for outdoor application 240/415 volts, 50Hz rating etc. from list of approved makes as required. (Model: Indoasian cat no CPPI1025 or equivalent from list of approved makes)	1.00	Each		7500.00	7500.00	3500.00	3500.00	5425.00	5425.00	4765.00	4765.00	4675.00	4675.00
14.00	Supply of three core unarmoured cable of 2.5 sq.mm FR PVC insulated copper conductor of 1.1KV grade, confirming to IS 694:2010 grade from list of approved makes as required.	200.00	Meter		98.00	19600.00	80.00	16000.00	86.00	17200.00	84.00	16800.00	112.00	22400.00
15.00	Supply of Four core unarmoured cable of 4.0 sq.mm FR PVC insulated copper conductor of 1.1KV grade, confirming to IS 694:2010 grade from list of approved makes as required.	200.00	Meter		198.00	39600.00	169.00	33800.00	171.00	34200.00	172.00	34400.00	230.00	46000.00
16.00	Supply of Flat 3C x 4 Sq.mm PVC insulated and PVC sheathed industrial cable for submersible pump motors of 1.1KV grade, confirming to IS 694:2010 grade from list of approved makes as required.	100.00	Meter		138.00	13800.00	119.00	11900.00	123.00	12300.00	130.00	13000.00	173.00	17300.00
17.00	Supply of UL listed Control Module of Model: FCM-1 Make Notifier suitable for honeywell fire control system.	10.00	Each		3350.00	33500.00	2950.00	29500.00	3369.00	33690.00	3540.00	35400.00	3355.00	33550.00

18.00	Supply of UL listed Monitor Module of Model: FMM-1 Make Notifier suitable for honeywell fire control system.	10.00	Each
19.00	Supply of UL listed Photo electric smoke detector, Model No FSP-851 Make Notifier suitable for honeywell fire control system.	40.00	Each
20.00	Supply of UL listed Heat detector, Model No FST-851R Make Notifier suitable for honeywell fire control system.	20.00	Each
21.00	Supply of UL listed Multi sensor smoke detector, Model No FAPT-851 Make Notifier suitable for honeywell fire control system.	40.00	Each
22.00	Supply of driver/ SMPS suitable for fire alarm system operating on 90 to 270 V AC, 50 Hz AC input supply capable of providing DC output i.e. 24V, 2.5 A.	5.00	Each
23.00	Supply of Aluminium Lugs (tube terminal) of size 95sq.mm round from list of approved makes as required.	15.00	Each
24.00	Supply of Aluminium Lugs (tube terminal) of size 185 sq.mm round from list of approved makes as required.	15.00	Each
25.00	Supply of Aluminium Lugs (tube terminal) of size 240sq.mm round from list of approved makes as required.	15.00	Each
26.00	Supply of Aluminium Lugs (tube terminal) of size 300 sq.mm round from list of approved makes as required.	15.00	Each
27.00	Supply of Aluminium Lugs (tube terminal) of size 400 sq.mm round from list of approved makes as required.	15.00	Each
28.00	Supply of Brass single compression gland (45 mm) suitable for 3.5 X95 sq. mm 1.1 KV grade cable etc. from list of approved makes as required.	5.00	Each
29.00	Supply of Brass single compression gland (62 mm) suitable for 3.5 X240 sq. mm 1.1 KV grade cable etc. from list of approved makes as required.	5.00	Each
30.00	Supply of Brass single compression gland (70 mm) suitable for 3.5 X300 sq. mm 1.1 KV grade cable etc. from list of approved makes as required.	5.00	Each
31.00	Supply of Brass single compression gland (82 mm) suitable for 3.5 X400 sq. mm 1.1 KV grade cable etc. from list of approved makes as required.	5.00	Each
32.00	Supply of 2.50 mfd capacitors suitable for 230Volts, 50Hz AC supply for use in ceiling / wallmounted fan's etc. from list of approved makes as required.	50.00	Each
33.00	Supply of Single Pole MCB 6A-32A, C - Series, 10KA short circuit capacity suitable for 240 / 415V,50 Hz rating etc. from list of approved makes as required. (Quantity 6A - 24 No's, 10A-10 No's, 16A-18 No's, 20A- 10 No's & 32A-06 No's)	68.00	Each
34.00	Supply of Four pole, MCB 40A, C - Series, 10KA short circuit capacity suitable for 240 / 415V,50Hz rating etc. from list of approved makes as required.	5.00	Each
35.00	Supply of Four Pole MCB 63A C - Series, 10KA short circuit capacity suitable for 220-240 /415V,50Hz rating etc. from list of approved makes as required.	9.00	Each
36.00	Supply of Four Pole MCB 63 amps D- Series 10KA short circuit Capacity suitable for 240/415 volts, 50Hz rating etc. from list of approved makes as required.	6.00	Each
37.00	Supply of Four Pole RCCB 40 amps,300 mA sensitivity, 10KA short circuit capacity suitable for 240/415 volts, 50Hz rating etc. from list of approved makes as required.	9.00	Each
38.00	Supply of Four Pole RCCB 63 amps,300 mA sensitivity,10KA short circuit capacity suitable for 240/415 volts, 50Hz rating etc. from list of approved makes as required.	2.00	Each
39.00	Supply of Four Pole 40 amps changeover MCB 10KA short circuit Capacity suitable for 240/415 volts, 50Hz rating etc. from list of approved makes as required.	2.00	Each
40.00	Supply of Driver suitable for "Philips ETE 10 Electronic transformer model" operating on 240V, 50Hz AC input supply, capable of providing AC output voltage 12 V , and output power 10W max .	15.00	Each
41.00	Supply of 70 to 75 watts LED outdoor street light luminaire cool white made with pressure die-cast aluminium housing with high power LEDS, direct modular IP lens suitable to work with 220-240V, 50 Hz , Minimum efficacy of 110 Lm/W from list of approved makes as required. (Model: Bajaj make ENXT P84L WH PO PC SD or Halonix make HSLD-06-72-CWL-R or its equivalent from list of approved makes as required.)	12.00	Each

3450.00	34500.00	2950.00	29500.00	3188.00	31880.00	2950.00	29500.00	3080.00	30800.00
2880.00	115200.00	2550.00	102000.00	2808.00	112320.00	2875.00	115000.00	2640.00	105600.00
2780.00	55600.00	2250.00	45000.00	2667.00	53340.00	2830.00	56600.00	2475.00	49500.00
3050.00	122000.00	2450.00	98000.00	3030.00	121200.00	3185.00	127400.00	2530.00	101200.00
2000.00	10000.00	2500.00	12500.00	409.00	2045.00	1350.00	6750.00	2070.00	10350.00
35.00	525.00	11.90	178.50	11.00	165.00	17.00	255.00	31.00	465.00
45.00	675.00	26.00	390.00	26.00	390.00	40.00	600.00	69.00	1035.00
80.00	1200.00	46.00	690.00	44.00	660.00	66.00	990.00	105.00	1575.00
80.00	1200.00	64.00	960.00	63.00	945.00	94.00	1410.00	132.00	1980.00
90.00	1350.00	92.00	1380.00	91.00	1365.00	136.00	2040.00	182.00	2730.00
350.00	1750.00	155.00	775.00	130.00	650.00	223.00	1115.00	308.00	1540.00
375.00	1875.00	274.00	1370.00	240.00	1200.00	432.00	2160.00	556.00	2780.00
450.00	2250.00	358.00	1790.00	716.00	3580.00	515.00	2575.00	1216.00	6080.00
500.00	2500.00	495.00	2475.00	1368.00	6840.00	730.00	3650.00	1018.00	5090.00
160.00	8000.00	21.25	1062.50	29.00	1450.00	20.00	1000.00	33.00	1650.00
125.00	8500.00	110.00	7480.00	133.00	9044.00	110.00	7480.00	105.00	7140.00
1600.00	8000.00	1387.00	6935.00	1354.00	6770.00	1185.00	5925.00	1177.00	5885.00
2500.00	22500.00	1396.00	12564.00	1354.00	12186.00	1222.00	10998.00	1216.00	10944.00
2800.00	16800.00	1600.00	9600.00	1398.00	8388.00	1970.00	11820.00	1216.00	7296.00
2300.00	20700.00	2296.00	20664.00	2258.00	20322.00	2300.00	20700.00	1997.00	17973.00
2500.00	5000.00	2466.00	4932.00	2590.00	5180.00	2465.00	4930.00	2140.00	4280.00
3500.00	7000.00	2406.00	4812.00	2150.00	4300.00	2415.00	4830.00	2088.00	4176.00
450.00	6750.00	1000.00	15000.00	146.00	2190.00	195.00	2925.00	1650.00	24750.00
2800.00	33600.00	6136.00	73632.00	2574.00	30888.00	2580.00	30960.00	2255.00	27060.00

42.00	Supply of 4CX16 Sq.mm XLPE insulated, PVC sheathed aluminium conductor armoured power cable of 1.1KV grade confirming IS:7098 (Part-I) 1988 with upto date amendments etc, as required.	500.00	Meter
43.00	Supply of moisture displacer spray make STANVAC 8070 ELECTRICAL 88 CO2 360 SHP 700 ml	10.00	Each
44.00	Supply of 500 watts LED flood light luminaire made with pressure die-cast aluminium housing with high power LEDS, CCT 5700K, IP66 suitable to work with 220-240V, 50 Hz , Minimum efficacy of 110 Lm/W from list of approved makes as required. (Model: Panasonic make PFLM13ZS8 or Bajaj Make AMPL F 600L WH NB-A3 TG SD its equivalent from list of approved makes as required.)	1.00	Each

Total in Figures

178.00	89000.00	141.00	70500.00	190.00	95000.00	134.00	67000.00	152.00	76000.00
1500.00	15000.00	1465.00	14650.00	1550.00	15500.00	1460.00	14600.00	1320.00	13200.00
16880.00	16880.00	50000.00	50000.00	28080.00	28080.00	19700.00	19700.00	33342.00	33342.00

899275.00

922907.50

926018.00

845403.00

936936.00