

SI.No	Description of Work / Item(s)	No.of Qty	Units	M/s K.N.Construction(GSTN-20AAHFK7857Q1ZP)		sudarshnacoolingcentre andelectricals(GSTN-18AAJFM8760E1ZZ)		BANESHWAR ELECTRICAL AND ELECTRONICS A. S. SANSTHA , AURANGABAD(GSTN-27AAIAB4511C1Z9)		M/s S.T. Electricals(GSTN-18AJRPK5206C1ZA)		ABHISHEK INTEGRATIONS LIMITED(GSTN-NA)		M/s J H Associates(GSTN-NA)		L1 Amount	L1 Vendor
				Rate	Amount	Rate	Amount	Rate	Amount	Rate	Amount	Rate	Amount	Rate	Amount		
9.00	Replacement of defective ball bearings of ceiling fans/exhaust fans/air circulator of all sizes & makes i/c to and fro transportation, and testing etc as required																
10.00	a) For 1st Year	10.00	Each	100.00	1000.00	60.00	600.00	110.00	1100.00	60.00	600.00	100.00	1000.00	50.00	500.00	500.00	M/s J H
11.00	b) For 2nd Year	10.00	Each	100.00	1000.00	65.00	650.00	110.00	1100.00	60.00	600.00	100.00	1000.00	50.00	500.00	500.00	M/s J H
12.00	Spray painting of existing outdoor panels/feeder pillars, junction boxes with one or more coat of synthetic enamel paint of approved brand and shade including cleaning and scrapping the existing surface complete as per site requirements.																
13.00	a) For 1st Year	10.00	Sqm	40.00	400.00	190.00	1900.00	100.00	1000.00	150.00	1500.00	100.00	1000.00	100.00	1000.00	400.00	M/s
14.00	b) For 2nd Year	10.00	Sqm	40.00	400.00	199.00	1990.00	101.00	1010.00	150.00	1500.00	100.00	1000.00	100.00	1000.00	400.00	M/s
15.00	Painting of street lighting poles of different heights up to 11mtr with aluminium paint of one or more coat of approved brand i/c cleaning & scrapping the existing surface complete as per actual site requirements.																
16.00	a) For 1st Year	10.00	Each	3500.00	35000.00	190.00	1900.00	501.00	5010.00	200.00	2000.00	700.00	7000.00	200.00	2000.00	1900.00	sudarshnac
17.00	b) For 2nd Year	10.00	Each	3800.00	38000.00	199.00	1990.00	501.00	5010.00	200.00	2000.00	700.00	7000.00	200.00	2000.00	1990.00	sudarshnac
18.00	Lifting and lowering of submersible pump motor set of following capacity from the depth upto 80 feet including dismantling of the column pipe, cable etc and re-installation of pump and motor set in the bore well along with all necessary work like providing and fixing of required new gasket & nut bolts, and welding & threading of GI pipe and flange etc as required and making connection to the discharge line after dry revolution test complete as required. From 7.5 HP to 12.5 HP																
19.00	1st year	2.00	Job	15000.00	30000.00	3200.00	6400.00	2000.00	4000.00	1800.00	3600.00	3000.00	6000.00	2000.00	4000.00	3600.00	M/s S.T.
20.00	2nd year	2.00	Job	17500.00	35000.00	3400.00	6800.00	2100.00	4200.00	1800.00	3600.00	3000.00	6000.00	2000.00	4000.00	3600.00	M/s S.T.
21.00	Replacement of painted marine type wooden strips upto "1.5m x .05m x .01m" sizes at the existing aeration tank at different pump houses etc. including hard ware item if required complete as required.																
22.00	1st year	50.00	Each	600.00	30000.00	180.00	9000.00	25.00	1250.00	100.00	5000.00	30.00	1500.00	100.00	5000.00	1250.00	BANESHWAR
23.00	2nd year	50.00	Each	650.00	32500.00	184.00	9200.00	25.00	1250.00	100.00	5000.00	30.00	1500.00	100.00	5000.00	1250.00	BANESHWAR

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				Rate	Amount	Rate	Amount	Rate	Amount	Rate	Amount	Rate	Amount	Rate	Amount		
40.00	1st year	1.00	Nos	7500.00	7500.00	4100.00	4100.00	2500.00	2500.00	3000.00	3000.00	5000.00	5000.00	2000.00	2000.00	2000.00	M/s J H Associates
41.00	2nd year	1.00	Nos	7500.00	7500.00	4200.00	4200.00	2800.00	2800.00	3000.00	3000.00	5000.00	5000.00	2000.00	2000.00	2000.00	M/s J H Associates
42.00	Sub Head-3 (i):- Supply of Material (Consumable) as and when requirement placed by EIC during the currency of the Contract.																
43.00	Supply of 18/20W, T-8, LED Tube suitable to operate on 230 v, 50Hz, AC supply. (Make Bajaj or similar type as per AAI approved make list)	60.00	Nos.	712.00	42720.00	263.00	15780.00	350.00	21000.00	290.00	17400.00	690.00	41400.00	200.00	12000.00	12000.00	M/s J H Associates
44.00	Supply of LED Batten suitable for 18/20W, T-8, LED Tube suitable to operate on 230 v, 50Hz, AC supply. (Make Bajaj or similar type as per AAI approved make list)	20.00	Nos	600.00	12000.00	212.00	4240.00	200.00	4000.00	220.00	4400.00	500.00	10000.00	200.00	4000.00	4000.00	BANESHWAR ELECTRICAL AND ELECTRONICS
45.00	Supply of Piano type Switch 5/6 A.(Model Penta Cherry, Make Anchor or similar type as per AAI approved make list)	50.00	Nos.	15.00	750.00	14.00	700.00	11.00	550.00	15.00	750.00	12.00	600.00	20.00	1000.00	550.00	BANESHWAR ELECTRICAL AND ELECTRONICS
46.00	Supply of Piano type Switch 15/16 A. (Model Urea Back piece, Make Anchor or similar type as per AAI approved make list)	20.00	Nos.	55.00	1100.00	74.00	1480.00	55.00	1100.00	65.00	1300.00	80.00	1600.00	80.00	1600.00	1100.00	M/s K.N.Construction, BANESHWAR
47.00	Supply of Piano Socket 5/6A, 3 Pin Type.(Make Anchor or similar type as per AAI approved make list)	50.00	Nos.	23.00	1150.00	28.00	1400.00	21.00	1050.00	28.00	1400.00	40.00	2000.00	20.00	1000.00	1000.00	M/s J H Associates
48.00	Supply of Piano Socket 15/16A, 6 Pin Type.(Make Anchor or similar type as per AAI approved make list)	20.00	Nos.	35.00	700.00	73.00	1460.00	58.00	1160.00	75.00	1500.00	50.00	1000.00	80.00	1600.00	700.00	M/s K.N.Construction
49.00	Supply of Capacitor 2.5 microfarad, suitable to operate on 230 v, 50Hz, AC supply.(Make havells or similar type as per AAI approved make list)	25.00	Nos.	18.00	450.00	20.00	500.00	22.00	550.00	25.00	625.00	20.00	500.00	20.00	500.00	450.00	M/s K.N.Construction
50.00	Supply of Single core, 1.5 Sq. mm, mixed colour, FR-PVC insulated, multistranded copper conductor wire, suitable for upto 1100 V. 1 no= 1 coil of 90 mtrs (Make havells or similar type as per AAI approved make list)	600.00	Meter	18.00	10800.00	12.00	7200.00	17.00	10200.00	13.00	7800.00	20.00	12000.00	10.00	6000.00	6000.00	M/s J H Associates
51.00	Supply of Single core, 2.5 Sq. mm, of mixed colour, FR-PVC insulated, multistranded copper conductor wire, suitable for upto 1100 V. 1 no= 1 coil of 90 mtrs (Make havells or similar type as per AAI approved make list)	400.00	Meter	35.00	14000.00	20.00	8000.00	26.00	10400.00	18.00	7200.00	30.00	12000.00	20.00	8000.00	7200.00	M/s S.T. Electricals
52.00	Supply of Single core 4.0 Sq. mm, mixed colour, FR-PVC insulated, multistranded copper conductor wire, suitable for upto 1100 V. 1 no= 1 coil of 90 mtrs (Make havells or similar type as per AAI approved make list)	200.00	Meter	48.00	9600.00	28.00	5600.00	38.00	7600.00	30.00	6000.00	50.00	10000.00	20.00	4000.00	4000.00	M/s J H Associates

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				Rate	Amount	Rate	Amount	Rate	Amount	Rate	Amount	Rate	Amount	Rate	Amount		
53.00	Supply of 3 pin, 5 A ceiling rose suitable to operate on 230 v, 50Hz, AC supply.(Make havells or similar type as per AAI approved make list)	20.00	Nos.	20.00	400.00	17.50	350.00	25.00	500.00	18.00	360.00	28.00	560.00	20.00	400.00	350.00	sudarshnacoolingcentre andelectricals
54.00	Supply of PVC Board 4 inch x 4 inch (As per AAI approved make list/EIC)	25.00	Nos.	40.00	1000.00	42.80	1070.00	35.00	875.00	40.00	1000.00	50.00	1250.00	30.00	750.00	750.00	M/s J H Associates
55.00	Supply of PVC Board 7 inch x 4 inch (As per AAI approved make list/EIC)	25.00	Nos.	45.00	1125.00	66.00	1650.00	85.00	2125.00	69.00	1725.00	55.00	1375.00	50.00	1250.00	1125.00	M/s K.N.Construction
56.00	Supply of PVC Board 8 inch x 6 inch (As per AAI approved make list/EIC)	25.00	Nos.	48.00	1200.00	84.80	2120.00	110.00	2750.00	85.00	2125.00	57.00	1425.00	50.00	1250.00	1200.00	M/s K.N.Construction
57.00	Supply of 6A Top 3 pin (Make Anchor or similar type as per AAI approved make list)	15.00	Nos.	13.00	195.00	46.50	697.50	36.00	540.00	50.00	750.00	57.00	855.00	50.00	750.00	195.00	M/s K.N.Construction
58.00	Supply of 16A Top 3 pin (Make Anchor or similar type as per AAI approved make list)	15.00	Nos.	18.00	270.00	62.00	930.00	48.00	720.00	359.00	5385.00	70.00	1050.00	50.00	750.00	270.00	M/s K.N.Construction
59.00	Supply of Single Phase energy meter of rating 1-ph energy meter. 5-30A/ 10-60A. as per approved make suitable for 240V.	3.00	Nos.	1200.00	3600.00	933.77	2801.31	1187.00	3561.00	1000.00	3000.00	1500.00	4500.00	500.00	1500.00	1500.00	M/s J H Associates
60.00	Supply of CT operated, Three Phase LCD display, Energy Meter of Rating 1/5A as per approved make suitable for operation on 415 VAC, 50 Hz including syntex meter box of suitable size as approved by EIC.	3.00	Nos.	1800.00	5400.00	2228.00	6684.00	3800.00	11400.00	2200.00	6600.00	3500.00	10500.00	600.00	1800.00	1800.00	M/s J H Associates
61.00	Supply of Rectangular type CTs (Metering) Resin low tension current transformer, Ratio 200/5A, Burden 5 VA, Accuracy class 1, as required.	12.00	Nos	600.00	7200.00	644.00	7728.00	1000.00	12000.00	600.00	7200.00	1500.00	18000.00	500.00	6000.00	6000.00	M/s J H Associates
62.00	Supply of PVC Casing Caping 25mm along with accessories like one socket and bend with every one meter length (as per AAI approved make list/EIC)	100.00	Mtr	22.00	2200.00	34.60	3460.00	25.00	2500.00	32.00	3200.00	35.00	3500.00	20.00	2000.00	2000.00	M/s J H Associates
63.00	Supply of PVC Casing Caping 20mm along with accessories like one socket and bend with every one meter length (as per AAI approved make list/EIC)	100.00	Mtr	25.00	2500.00	29.10	2910.00	20.00	2000.00	30.00	3000.00	30.00	3000.00	20.00	2000.00	2000.00	BANESHWAR ELECTRICAL AND
64.00	Supplying of 12 volt 180 AH, lead acid automobile battery for DG engine as required	2.00	Nos	1500.00	3000.00	12800.00	25600.00	11000.00	22000.00	14000.00	28000.00	18000.00	36000.00	6000.00	12000.00	3000.00	M/s K.N.Construction
65.00	Supply of DOL starter suitable for 7.5 HP monobloc pump, 440V, 50Hz.	2.00	Nos	5200.00	10400.00	2127.00	4254.00	1825.00	3650.00	250.00	500.00	4500.00	9000.00	2000.00	4000.00	500.00	M/s S.T. Electricals
66.00	Supply of S/D starter suitable for 10/12 HP submersible motor, 440V, 50Hz.	2.00	Nos	6500.00	13000.00	11075.00	22150.00	7500.00	15000.00	14000.00	28000.00	12000.00	24000.00	5000.00	10000.00	10000.00	M/s J H Associates

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				Rate	Amount	Rate	Amount	Rate	Amount	Rate	Amount	Rate	Amount	Rate	Amount		
67.00	PVC conduit of following size along with accessories like one socket and bend with every one meter length (as per AAI approved make list/EIC) 20 mm dia	60.00	Meter	18.00	1080.00	19.80	1188.00	21.00	1260.00	20.00	1200.00	25.00	1500.00	20.00	1200.00	1080.00	M/s K.N.Construction
68.00	PVC conduit of following size along with accessories like one socket and bend with every one meter length (as per AAI approved make list/ EIC) 25 mm dia	60.00	Meter	25.00	1500.00	27.93	1675.80	29.50	1770.00	29.00	1740.00	30.00	1800.00	25.00	1500.00	1500.00	M/s K.N.Construction, M/s J H
69.00	PVC conduit of following size along with accessories like one socket and bend with every one meter length (as per AAI approved make list/EIC) 32 mm dia	24.00	Meter	32.00	768.00	45.95	1102.80	36.00	864.00	40.00	960.00	125.00	3000.00	40.00	960.00	768.00	M/s K.N.Construction
70.00	Supply of stepped type fan regulator suitable for 220V, 50Hz. (As per AAI approved make list/EIC)	12.00	Nos	150.00	1800.00	187.00	2244.00	130.00	1560.00	200.00	2400.00	150.00	1800.00	150.00	1800.00	1560.00	BANESHWAR ELECTRICAL
71.00	Supply of LED type panel indicators (Pilot lamp head) of RYB colour, suitable to operate 220V, 50HZ.	12.00	Nos	690.00	8280.00	93.80	1125.60	26.00	312.00	125.00	1500.00	120.00	1440.00	80.00	960.00	312.00	BANESHWAR ELECTRICAL
72.00	Supply of following size Brass compression gland. 28MM	6.00	Nos	30.00	180.00	417.00	2502.00	80.00	480.00	475.00	2850.00	30.00	180.00	300.00	1800.00	180.00	M/s K.N.Construction
73.00	Supply of following size Brass compression gland. 32MM	6.00	Nos	34.00	204.00	743.00	4458.00	80.00	480.00	800.00	4800.00	30.00	180.00	200.00	1200.00	180.00	ABHISHEK INTEGRATIONS
74.00	Supply of following size Brass compression gland. 35MM	6.00	Nos	38.00	228.00	743.00	4458.00	90.00	540.00	800.00	4800.00	30.00	180.00	500.00	3000.00	180.00	ABHISHEK INTEGRATIONS
75.00	Supply of following size Brass compression gland. 38MM	6.00	Nos	38.00	228.00	889.00	5334.00	90.00	540.00	850.00	5100.00	30.00	180.00	400.00	2400.00	180.00	ABHISHEK INTEGRATIONS
76.00	Supply of following size Brass compression gland. 45MM	6.00	Nos	45.00	270.00	1050.00	6300.00	90.00	540.00	1100.00	6600.00	30.00	180.00	500.00	3000.00	180.00	ABHISHEK INTEGRATIONS
77.00	Supply of following size Brass compression gland. 57MM	6.00	Nos	60.00	360.00	1739.00	10434.00	110.00	660.00	1850.00	11100.00	30.00	180.00	1500.00	9000.00	180.00	ABHISHEK INTEGRATIONS
78.00	Supply of following size aluminium lugs. 16 Sqmm	30.00	Nos	8.00	240.00	2.00	60.00	10.00	300.00	2.00	60.00	5.00	150.00	5.00	150.00	60.00	sudarshnacoolingcentre andelectricals
79.00	Supply of following size aluminium lugs. 25 Sqmm	30.00	Nos	10.00	300.00	3.00	90.00	10.00	300.00	2.00	60.00	6.00	180.00	5.00	150.00	60.00	M/s S.T. Electricals
80.00	Supply of following size aluminium lugs. 50 Sqmm	30.00	Nos	22.00	660.00	7.00	210.00	15.00	450.00	5.00	150.00	8.00	240.00	10.00	300.00	150.00	M/s S.T. Electricals
81.00	Supply of following size aluminium lugs. 70 Sqmm	18.00	Nos	140.00	2520.00	10.00	180.00	15.00	270.00	10.00	180.00	10.00	180.00	15.00	270.00	180.00	ABHISHEK INTEGRATIONS

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				Rate	Amount	Rate	Amount	Rate	Amount	Rate	Amount	Rate	Amount	Rate	Amount		
82.00	Supply of following size aluminium lugs. 95 Sqmm	18.00	Nos	160.00	2880.00	13.00	234.00	20.00	360.00	15.00	270.00	15.00	270.00	20.00	360.00	234.00	sudarshnacoolingcentre
83.00	Supply of following size aluminium lugs. 120 Sqmm	12.00	Nos	190.00	2280.00	19.00	228.00	25.00	300.00	20.00	240.00	20.00	240.00	30.00	360.00	228.00	sudarshnacoolingcentre
84.00	Supply of following size aluminium lugs. 185 Sqmm	10.00	Nos	230.00	2300.00	28.00	280.00	25.00	250.00	35.00	350.00	25.00	250.00	40.00	400.00	250.00	ABHISHEK INTEGRATIONS
85.00	Suppy of constant current LED driver (Make: Bajaj, Cat no. BGD 36 240 5Y) compatable for existing 90W bajaj make LED street light fitting for model/ cat no. BRTFG 44 LED 90W and suitable for operation on 230V, 1Ph, 50Hz ac supply as required.	6.00	Nos	200.00	1200.00	2800.00	16800.00	350.00	2100.00	4000.00	24000.00	5600.00	33600.00	2000.00	12000.00	1200.00	M/s K.N.Construction
86.00	Sub Head-3 (ii):- Supply of Material (T & P) as and when required.																
87.00	Supply of Aluminium Extension Tilttable Tower ladder of 24 Ft (extended height) and 14 Ft (Closed height) in two fold design, sides made out of heavy duty Aluminium rectangular Zig-Zag type channel section, steps made out of heavy duty Aluminium corrugated tubing, aluminium cross scissor type supports, chequered platform of size 24"x24" having load bearing capacity of minimum 120kg, side rails and tool tray fitted on the top, heavy duty hand operated winch gear machine with 8mm dia double steel wire ropes, mounted on M.S. Trolley base of suitable made out of M.S channels and angles with rubber casted/polymer wheels, towbar, foldable jacks etc. including all accessories etc complete as required.	1.00	Nos	22000.00	22000.00	82900.00	82900.00	18000.00	18000.00	86000.00	86000.00	50000.00	50000.00	75000.00	75000.00	18000.00	BANESHWAR ELECTRICAL AND ELECTRONICS A. S. SANSTHA , AURANGABAD
88.00	Sub Head-4:-DSR 2018 items as and when required.																
89.00	Execution of item of schedule of rates 'CPWD DSR (E&M) 2018' as and when required for attending breakdown, repair & maintenance and upkeep of internal and external electrical installations as per direction of E-I-C at different AAI units/locations complete as per the special terms and conditions in addition to General Terms and conditions of contract as required. The bidder shall quote the rate in INR only for the job corresponding to Rs. 1,00,000/- and percentage (%) above/below shall be calculated by AAI and paid accordingly.																
90.00	1st year	1.00	Job	65000.00	65000.00	32000.00	32000.00	80000.00	80000.00	50000.00	50000.00	90000.00	90000.00	50000.00	50000.00	32000.00	sudarshnacoolingcentre

BOQ Summary Details**Tender Title: AMC for Operation and Maintenance of E and M installation installed****Tender ID: 2021_AAI_78750_1**

Sheet Name	Sl.No	Bidder Name	Amount	Bid Rank
BoQ1	1	M/s J H Associates	3982960.00	L1
	2	BANESHWAR ELECTRICAL AND ELECTRONICS A. S. SANSTHA , AURANGABAD	3986821.00	L2
	3	sudarshnacoolingcentre andelectricals	4117983.01	L3
	4	ABHISHEK INTEGRATIONS LIMITED	4157501.00	L4
	5	M/s S.T. Electricals	4182980.00	L5
	6	M/s K.N.Construction	4733054.00	L6

Signature Not Verified

Digitally signed by KEISHING HONPAM
Date: 2021.10.27 11:11:35 IST
Location: eProcurement System for Central PSUs