

Government eProcurement System
Created By: A DHANUSKODI
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Tender Title: Facility Management Services of GLF, Apron Flood Lighting, Perimeter Lighting System etc. at Chennai Airport.
Tender ID: 2021_AAI_84168_1

Tender Inviting Authority: JGM.Engg(Elect)-II

Name of Work: Facility Management Services of GLF, Apron Flood Lighting, Perimeter Lighting System etc. at Chennai Airport.

Contract No: CHE/AMED-I/2021-22/02

SCHEDULE OF WORK / ITEM(S)												
Sl.No	Description of Work / Item(s)	No.of Qty	Units	Estimated Rate	LAKSHMI ELECTRICAL ENTERPRISES(GSTN-33AAACE16352N174)		S. N. ELECTRIC & MAINTENANCE PRIVATE LIMITED(GSTN-33AAACE16352N174)		ABHISHEK INTEGRATIONS LIMITED(GSTN-NA)		DElite System Engineering (India) Pvt. Ltd (GSTN-NA)	
					Rate	Amount	Rate	Amount	Rate	Amount	Rate	Amount
1.01	Monitoring and Maintenance of Utility Services for complete Runway Ground Lighting facilities in the Operational area and CCR Hall (As per Annexure A - List of Inventories) round the clock 24 x 7 basis (Three Shift Basis - 8 Hours For One Shift), Monitoring, Control and General Maintenance for 100% Serviceability including co-ordination with co-existing stakeholders i/c providing consumable material like cotton waste, oil, grease & other sundry material required for cleaning etc., attending minor faults / breakdown of Equipments / Repairs / Replacement of defective components of GLF system with AAI Supplied New Components, ensuring 100% Serviceability / satisfactory working condition of the Systems, Routine and General Preventive Maintenance on Daily / Weekly / Monthly / Quarterly / Half Yearly / Yearly Basis as per Standard Manufacturers' Practices and as per Techno Commercial Specifications (TCS), Maintenance of Records and Log Books and reporting as and when required, complete Upkeeping of the GLF Installations etc. on all days including Sundays & Holidays as specified and as directed by Engineer-In-Charge as required.	24.00	Months		315662.00	7575888.00	370000.00	8880000.00	334222.00	8021328.00	326709.97	7841039.28

L1 Amount	L1 Vendor
7575888.00	LAKSHMI ELECTRICAL ENTERPRISES

1.02	Monitoring and Maintenance of Utility Services for Apron Lighting covering high masts and connected power supply system etc., Perimeter Lighting system covering perimeter lights and connected power supply system, Sliding / Swing gates etc. in the Operational area and Power houses at various locations (As per Annexure B - List of Inventories) round the clock 24 x 7 basis (Three Shift Basis - 8 Hours For One Shift), Monitoring, Control and General Maintenance for 100% Serviceability including co-ordination with co-existing stakeholders i/c providing consumable material like cotton waste, oil, grease & other sundry materials required for cleaning etc., attending minor faults / breakdown of Equipments / Repairs / Replacement of defective components of Apron Lighting, Perimeter Lighting & Sliding / Swing gates with AAI Supplied New Components, ensuring 100% Serviceability / satisfactory working condition of the Systems, Routine and General Preventive Maintenance on Daily / Weekly / Monthly / Quarterly / Half Yearly / Yearly Basis as per Standard Manufacturers' Practices and as per Techno Commercial Specifications (TCS), Maintenance of Records and Log Books and reporting as and when required, complete Upkeeping of the apron lighting / perimeter lighting system etc. on all days including Sundays & Holidays as specified and as directed by Engineer-In-Charge as required.	24.00	Months
1.03	Hire charges for providing one vehicle without Driver (4 wheeler, Non-AC Bolero or equivalent) for attending maintenance of Perimeter Lighting system, Apron flood lighting system and other E&M installations round the clock 24X7 basis complete with required fuel, oil, insurance, road tax etc. in good condition.	24.00	Months
1.04	Laying and fixing of one number PVC insulated and PVC sheathed / XLPE aluminium conductor power cable of 1.1 KV grade of size upto 35 mm2 as required on surface.	400.00	m

241825.00	5803800.00	280000.00	6720000.00	255888.00	6141312.00	250799.69	6019192.56
35000.00	840000.00	49550.00	1189200.00	44999.00	1079976.00	32999.00	791976.00
30.00	12000.00	40.00	16000.00	30.00	12000.00	30.00	12000.00

5803800.00	LAKSHMI ELECTRICAL ENTERPRISES
791976.00	DElite System Engineering (India) Pvt. Ltd.
12000.00	LAKSHMI ELECTRICAL ENTERPRISES, DElite System Engineering (India) Pvt. Ltd., ABHISHEK INTEGRATIONS LIMITED

1.05	Laying and fixing of one number PVC insulated and PVC sheathed / XLPE aluminium conductor power cable of 1.1 KV grade of size exceeding 35 mm2 but not exceeding 95 mm2 as required on surface.	200.00	m
1.06	Laying and fixing of one number PVC insulated and PVC sheathed / XLPE aluminium conductor power cable of 1.1 KV grade of size exceeding 185 mm2 but not exceeding 400 mm2 as required on surface.	25.00	m
1.07	Laying and fixing of one number PVC insulated and PVC sheathed / XLPE aluminium conductor power cable of 1.1 KV grade of size upto 35 mm2 as required In existing RCC / Hume / Stoneware / Pipe.	100.00	m
1.08	Laying and fixing of one number PVC insulated and PVC sheathed / XLPE aluminium conductor power cable of 1.1 KV grade of size exceeding 35 mm2 but not exceeding 95 mm2 as required In existing RCC / Hume / Stoneware / Pipe.	100.00	m
1.09	Laying and fixing of one number PVC insulated and PVC sheathed / XLPE aluminium conductor power cable of 1.1 KV grade of size exceeding 185 mm2 but not exceeding 400 mm2 as required In existing RCC / Hume / Stoneware / Pipe.	50.00	m
1.10	Laying and fixing of one number PVC insulated and PVC sheathed / XLPE aluminium conductor power cable of 1.1 KV grade of size exceeding 185 mm2 but not exceeding 400 mm2 as required Direct in ground including excavation, sand cushioning, protective covering, refilling the trench etc. as required.	100.00	m

40.00	8000.00	70.00	14000.00	30.00	6000.00	30.00	6000.00
100.00	2500.00	100.00	2500.00	30.00	750.00	30.00	750.00
25.00	2500.00	50.00	5000.00	30.00	3000.00	30.00	3000.00
30.00	3000.00	70.00	7000.00	30.00	3000.00	30.00	3000.00
80.00	4000.00	150.00	7500.00	30.00	1500.00	30.00	1500.00
400.00	40000.00	250.00	25000.00	200.00	20000.00	30.00	3000.00

6000.00	DElite System Engineering (India) Pvt. Ltd., ABHISHEK INTEGRATIONS LIMITED
750.00	DElite System Engineering (India) Pvt. Ltd., ABHISHEK INTEGRATIONS LIMITED
2500.00	LAKSHMI ELECTRICAL ENTERPRISES
3000.00	LAKSHMI ELECTRICAL ENTERPRISES, DElite System Engineering (India) Pvt. Ltd., ABHISHEK INTEGRATIONS LIMITED
1500.00	DElite System Engineering (India) Pvt. Ltd., ABHISHEK INTEGRATIONS LIMITED
3000.00	DElite System Engineering (India) Pvt. Ltd.

1.11	Retrieval of existing faulty 1.1 KV grade LT UG cable of size exceeding 35 mm2 and not exceeding 95 mm2 laid directly in ground including excavation of earth, sand and re-laying the same cable direct in ground with sand cushioning, protective covering and refilling the same etc. as required.	200.00	m
1.12	Retrieval of existing faulty 1.1 KV grade LT UG cable of size exceeding 185 mm2 and not exceeding 400 mm2 laid directly in ground including excavation of earth, sand and re-laying the same cable direct in ground with sand cushioning, protective covering and refilling the same etc. as required.	200.00	m
1.13	Supplying and making end termination with brass compression gland and aluminium lugs for 4C 10 mm2 size of PVC insulated and PVC sheathed / XLPE armoured aluminium conductor cable of 1.1 KV grade as required.	20.00	Nos.
1.14	Supplying and making end termination with brass compression gland and aluminium lugs for 3.5C 35 mm2 size of PVC insulated and PVC sheathed / XLPE armoured aluminium conductor cable of 1.1 KV grade as required.	10.00	Nos.
1.15	Supplying and making end termination with brass compression gland and aluminium lugs for 3.5C 70 mm2 size of PVC insulated and PVC sheathed / XLPE armoured aluminium conductor cable of 1.1 KV grade as required.	2.00	Nos.
1.16	Supplying and making end termination with brass compression gland and aluminium lugs for 3.5C 95 mm2 size of PVC insulated and PVC sheathed / XLPE armoured aluminium conductor cable of 1.1 KV grade as required.	5.00	Nos.
1.17	Supplying and making end termination with brass compression gland and aluminium lugs for 3.5C 240 mm2 size of PVC insulated and PVC sheathed / XLPE armoured aluminium conductor cable of 1.1 KV grade as required.	5.00	Nos.
1.18	Supplying and making end termination with brass compression gland and aluminium lugs for 3.5C 300 mm2 size of PVC insulated and PVC sheathed / XLPE armoured aluminium conductor cable of 1.1 KV grade as required as required.	2.00	Nos.
1.19	Supplying and making end termination with brass compression gland and aluminium lugs for 3.5C 400 mm2 size of PVC insulated and PVC sheathed / XLPE armoured aluminium conductor cable of 1.1 KV grade as required as required.	2.00	Nos.
1.20	Supply and making straight through cable joint with heat shrinkable cable jointing kit including ferrules and other jointing materials for 3.5C 70 mm2 PVC / XLPE insulated PVC sheathed armoured Aluminium conductor power cable of 1.1KV grade as required.	2.00	Nos.

260.00	52000.00	150.00	30000.00	220.00	44000.00	45.00	9000.00
300.00	60000.00	190.00	38000.00	220.00	44000.00	90.00	18000.00
200.00	4000.00	250.00	5000.00	237.00	4740.00	150.00	3000.00
300.00	3000.00	350.00	3500.00	318.00	3180.00	200.00	2000.00
350.00	700.00	450.00	900.00	463.00	926.00	200.00	400.00
500.00	2500.00	450.00	2250.00	556.00	2780.00	300.00	1500.00
700.00	3500.00	600.00	3000.00	1231.00	6155.00	300.00	1500.00
800.00	1600.00	650.00	1300.00	1432.00	2864.00	300.00	600.00
900.00	1800.00	950.00	1900.00	2060.00	4120.00	300.00	600.00
3000.00	6000.00	12000.00	24000.00	1110.00	2220.00	750.00	1500.00

9000.00	DElite System Engineering (India) Pvt. Ltd.
18000.00	DElite System Engineering (India) Pvt. Ltd.
3000.00	DElite System Engineering (India) Pvt. Ltd.
2000.00	DElite System Engineering (India) Pvt. Ltd.
400.00	DElite System Engineering (India) Pvt. Ltd.
1500.00	DElite System Engineering (India) Pvt. Ltd.
1500.00	DElite System Engineering (India) Pvt. Ltd.
600.00	DElite System Engineering (India) Pvt. Ltd.
600.00	DElite System Engineering (India) Pvt. Ltd.
1500.00	DElite System Engineering (India) Pvt. Ltd.

1.21	Supply and making straight through cable joint with heat shrinkable cable jointing kit including ferrules and other jointing materials for 3.5C 95 mm2 PVC / XLPE insulated PVC sheathed armoured Aluminium conductor power cable of 1.1KV grade as required.	2.00	Nos.
1.22	Supply and making straight through cable joint with heat shrinkable cable jointing kit including ferrules and other jointing materials for 3.5C 240 mm2 PVC / XLPE insulated PVC sheathed armoured Aluminium conductor power cable of 1.1KV grade as required.	2.00	Nos.
1.23	Supply and making straight through cable joint with heat shrinkable cable jointing kit including ferrules and other jointing materials for 3.5C 300 mm2 PVC / XLPE insulated PVC sheathed armoured Aluminium conductor power cable of 1.1KV grade as required.	2.00	Nos.
1.24	Supply and making straight through cable joint with heat shrinkable cable jointing kit including ferrules and other jointing materials for 3.5C 400 mm2 PVC / XLPE insulated PVC sheathed armoured Aluminium conductor power cable of 1.1KV grade as required.	2.00	Nos.
1.25	Supply and laying of ISI marked HDPE pipe as per IS 4984 with upto date amendments, 63 mm OD of PE 80 PN 6 direct in ground at a average depth of 750 mm i/c excavation and refilling the same as required.	250.00	m
1.26	Supply and laying of ISI marked HDPE pipe as per IS 4984 with upto date amendments, 90 mm OD of PE 80 PN 6 direct in ground at a average depth of 750 mm i/c excavation and refilling the same as required.	200.00	m
1.27	Supply & Laying of 50mm dia size B class G.I pipe for road crossing at a depth of 200mm i/c cutting bituminous surface, re-filling with cement concrete of 1:2:4 and making good the same as required.	20.00	m
1.28	Providing and fixing of multi prong lightning conductor finial fixed over a copper tube of 1200mm with 6"dia, copper ball with 05 nos of prongs dia 6 mm thick Copper base plate including holes etc. complete as required.	10.00	Nos.
1.29	Providing and fixing G.I. tape 20 mm X 3 mm thick on parapet or surface of wall for lightning conductor complete as required.(For horizontal run)	150.00	m

3000.00	6000.00	12000.00	24000.00	1110.00	2220.00	750.00	1500.00
4000.00	8000.00	16000.00	32000.00	1800.00	3600.00	750.00	1500.00
5000.00	10000.00	16000.00	32000.00	1800.00	3600.00	750.00	1500.00
6000.00	12000.00	18000.00	36000.00	2700.00	5400.00	750.00	1500.00
190.00	47500.00	150.00	37500.00	260.00	65000.00	150.00	37500.00
200.00	40000.00	250.00	50000.00	380.00	76000.00	150.00	30000.00
550.00	11000.00	410.00	8200.00	792.00	15840.00	99.00	1980.00
1450.00	14500.00	1500.00	15000.00	1300.00	13000.00	500.00	5000.00
110.00	16500.00	90.00	13500.00	34.00	5100.00	100.00	15000.00

1500.00	DElite System Engineering (India) Pvt. Ltd.
1500.00	DElite System Engineering (India) Pvt. Ltd.
1500.00	DElite System Engineering (India) Pvt. Ltd.
1500.00	DElite System Engineering (India) Pvt. Ltd.
37500.00	DElite System Engineering (India) Pvt. Ltd., S. N. ELECTRIC & MAINTENANCE PRIVATE LIMITED
30000.00	DElite System Engineering (India) Pvt. Ltd.
1980.00	DElite System Engineering (India) Pvt. Ltd.
5000.00	DElite System Engineering (India) Pvt. Ltd.
5100.00	ABHISHEK INTEGRATIONS LIMITED

1.30	Providing and fixing G.I. tape 20 mm X 3 mm thick on parapet or surface of wall for lightning conductor complete as required. (For Vertical run)	25.00	m
1.31	Providing and fixing of loop in loop out control box made by SMC box sintex GSJB 2520 make having hinged single door with locking arrangement & consisting of bakelite connector etc. as required.	20.00	Nos.
1.32	Supply, Installation, Testing and Commissioning of new winch with motor with suitable bracket including necessary welding and drilling required with fasteners, making connections of lantern carriage with existing iron rope all accessories complete etc., as required.	20.00	Nos.
1.33	Supply of following size of XLPE insulated PVC sheathed Aluminium conductor armoured power cable of 1.1 KV grade conforming to IS-7098 Part-I amended upto date etc. complete as required. a) 4 x 10 mm2	1000.00	m
1.34	Supply of LED traffic signal light fitting. Size 200 / 300mm dia, poly carbonate body, visible upto 500m and suitable for operation on 230V, 50Hz single phase supply. Colour Red - Static	2.00	Nos.
1.35	Supply of LED traffic signal light fitting. Size 200 / 300mm dia, poly carbonate body, visible upto 500m and suitable for operation on 230V, 50Hz single phase supply. Colour Green - Static	2.00	Nos.
1.36	Supply of LED traffic signal light fitting. Size 200 / 300mm dia, poly carbonate body, visible upto 500m and suitable for operation on 230V, 50Hz single phase supply. Colour Amber-flashing.	2.00	Nos.

100.00	2500.00	110.00	2750.00	34.00	850.00	100.00	2500.00
850.00	17000.00	1500.00	30000.00	510.00	10200.00	999.00	19980.00
49000.00	980000.00	1950.00	39000.00	48000.00	960000.00	79999.00	1599980.00
105.00	105000.00	120.00	120000.00	88.00	88000.00	115.00	115000.00
3000.00	6000.00	7500.00	15000.00	3800.00	7600.00	2000.00	4000.00
3000.00	6000.00	7500.00	15000.00	3800.00	7600.00	2000.00	4000.00
3000.00	6000.00	8500.00	17000.00	3800.00	7600.00	2000.00	4000.00

850.00	ABHISHEK INTEGRATIONS LIMITED
10200.00	ABHISHEK INTEGRATIONS LIMITED
39000.00	S. N. ELECTRIC & MAINTENANCE PRIVATE LIMITED
88000.00	ABHISHEK INTEGRATIONS LIMITED
4000.00	DElite System Engineering (India) Pvt. Ltd.
4000.00	DElite System Engineering (India) Pvt. Ltd.
4000.00	DElite System Engineering (India) Pvt. Ltd.

Total in Figures

15714788.00

17463000.00

16675461.00

16564497.84

Lowest Amount Quoted BY: LAKSHMI ELECTRICAL ENTERPRISES(15714788.00)