

Tender Inviting Authority: Airports Authority of India, Dibrugarh Airport

Name of Work: Operation and Maintenance of E & M Installations of Terminal Building and City Side Area at Dibrugarh Airport.

Contract No: 2024_AAI_205987_1

SCHEDULE OF WORK / ITEM(S)

Sl.No	Description of Work / Item(s)	No.of Qty	Units	Estimated Rate	EASTERN POWER ENGINEERING (GSTN-18AGUPD0421A2ZX) BID ID -740185		S. N. ELECTRIC & MAINTENANCE PRIVATE LIMITED (GSTN-07ABDCS2796Q1ZH) BID ID -742871		CENTRE TAP ENGINEERING (GSTN-24AGPPP8172K1ZP) BID ID -744551		M/s Lalowari Electricals (GSTN-18AAUPL4407G1ZG) BID ID -744565		SHARMA TRADE AGENCY (GSTN-18ABDFM0295M2ZV) BID ID -744608		ABHISHEK INTEGRATIONS LIMITED (GSTN-NA) BID ID -744629	
					Rate	Amount	Rate	Amount	Rate	Amount	Rate	Amount	Rate	Amount	Rate	Amount
1.00	Operation and Maintenance of all Electrical & Mechanical Installations at different buildings/installations of Airport such as Terminal Building & City Side Area excluding residential colony, including but not limited to: operation of lift, escalator, switchgears, Carpark/street lighting including rectifying defects / faults /breakdowns by deploying manpower as mentioned in the tender conditions, on all days including Sundays and Holidays including preparation & maintenance of PMI activities, updating of associated log books and records etc., complete as required.	24.00	Month	10.00	333033.00	7992792.00	331030.79	7944738.96	300000.00	7200000.00	347800.00	8347200.00	301000.00	7224000.00	307007.00	7368168.00
2.00	Operation and Maintenance of all Electrical & Mechanical Installations at different buildings/installations of Airport such as Residential Colony, including but not limited to: operation of pumps for water supply, switchgears, Carpark/street lighting including rectifying defects/faults/breakdowns by deploying manpower as mentioned in the tender conditions, on all days including Sundays and Holidays including preparation & maintenance of PMI activities, updating of associated log books and records etc., complete as required.	24.00	Month	10.00	150251.00	3606024.00	146721.23	3521309.52	150000.00	3600000.00	170000.00	4080000.00	146000.00	3504000.00	106957.00	2566968.00
3.00	Operation and Maintenance of all Electrical & Mechanical Installations at different buildings/installations of Airport such as CISF Barrack / ASG establishment including but not limited to: switchgears, Carpark/street lighting including rectifying defects/faults/breakdowns by deploying manpower as mentioned in the tender conditions, on all days including Sundays and Holidays including preparation & maintenance of PMI activities, updating of associated log books and records etc., complete as required.	24.00	Month	10.00	113922.00	2734128.00	106377.91	2553069.84	110000.00	2640000.00	101900.00	2445600.00	86100.00	2066400.00	127614.00	3062736.00
4.00	Execution of item of Schedule of Rates "CPWD DSR 2022 Electrical (Internal & External)" as and when required for attending breakdown, repair & maintenance and upkeep of electrical installations as per directions of E-I-C at different locations of operational and non-operational area, complete as required. [If the agency wants to quote the rates at par with CPWD SR (Electrical) 2022 then 1.00 should be written in the Column box of Rate, If agency wants to quote 5% below to the rates of CPWD SR (Electrical) 2022 then 0.95 should be written in the column box of Rate, If agency wants to quote 5% above to the rates of CPWD SR (Electrical) 2022 then 1.05 should be written in the column box of Rate. This information is only for guidance purpose to the contractor for filling up rates for this item only. However contractor is free to quote the rates any percentage above / below or at par with the rates of CPWD SR (Electrical) 2022].	200000.00	Rs	10.00	.60	120000.00	.90	180000.00	1.00	200000.00	.50	100000.00	1.10	220000.00	.80	160000.00
5.00	Providing man power to attend any urgent / emergency work as and when required as per direction of Engineer-In-Charge.															

L1 Amount	L1 Vendor
7200000.00	CENTRE TAP ENGINEERING
2566968.00	ABHISHEK INTEGRATIONS LIMITED
2066400.00	SHARMA TRADE AGENCY
100000.00	M/s Lalowari Electricals

5.10	Skilled	100.00	Days	10.00	550.00	55000.00	948.00	94800.00	1500.00	150000.00	400.00	40000.00	500.00	50000.00	734.00	73400.00
5.20	Semiskilled	150.00	Days	100.00	500.00	75000.00	862.00	129300.00	1200.00	180000.00	300.00	45000.00	400.00	60000.00	610.00	91500.00
5.30	Unskilled	200.00	Days	100.00	450.00	90000.00	778.00	155600.00	1000.00	200000.00	300.00	60000.00	400.00	80000.00	522.00	104400.00
6.00	Rewinding of following capacity, 415Volt 50 Hz AC supply bore well submersible pump motors including replacement of bearing, bush, servicing, transportation charges to and from site etc. complete as required.															
6.10	Upto 5 H.P.	4.00	Each	10.00	2000.00	8000.00	2500.00	10000.00	10000.00	40000.00	13000.00	52000.00	16000.00	64000.00	3500.00	14000.00
6.20	Above 5HP - Upto 10 H.P.	4.00	Each	10.00	3000.00	12000.00	4500.00	18000.00	15000.00	60000.00	17000.00	68000.00	20000.00	80000.00	5500.00	22000.00
7.00	Lifting & lowering of following capacity submersible pump including column pipe lowering, labour charges for making joints of pipes, submersible cable laying making water proof joint in submersible cable, hiring of chain pulley block, labour etc. complete as required.															
7.10	Upto 5 H.P.	4.00	Each	10.00	2500.00	10000.00	3500.00	14000.00	15000.00	60000.00	7000.00	28000.00	13000.00	52000.00	7500.00	30000.00
7.20	Above 5HP - Upto 10 H.P.	4.00	Each	10.00	3500.00	14000.00	4500.00	18000.00	15000.00	60000.00	9000.00	36000.00	15000.00	60000.00	7500.00	30000.00
8.00	Providing water supply test point for checking the output water pressure of the main delivery pipeline (90mm OD GI) of submersible pump by providing required size Pressure Gauge, Tee, Two Nos. Ball Valves for controlling the flow of both outgoing branches of the Tee, required short piece, union/flanges, gaskets and other necessary accessories & consumables including necessary cutting, welding, jointing etc. complete as required as per site requirement.	3.00	Each	10.00	1000.00	3000.00	5000.00	15000.00	10000.00	30000.00	14000.00	42000.00	13000.00	39000.00	3850.00	11550.00
9.00	Provision of decorative lighting in Tri-Colors i.e Green, White & Saffron on the Facia of Terminal Building and other ancillary buildings of Dibrugarh Airport with following lighting items complete as required for 05 days per occasion / Job on Independence Day / Republic Day / other occasion as per the direction of EIC.															
9.10	600 Nos. High lumen LED series lighting chain of desired colour and pattern (minimum chain length 5 mtr and uniform spacing between chains not more than 0.75 mtrs.)	5.00	Job	10.00	8000.00	40000.00	25000.00	125000.00	25000.00	125000.00	20000.00	100000.00	18000.00	90000.00	20000.00	100000.00
9.20	40 Nos. RGB LED Facade/ Disco / Flood light fittings (minimum 100W output power) with desired colour and lighting pattern	5.00	Job	10.00	8000.00	40000.00	35000.00	175000.00	15000.00	75000.00	10000.00	50000.00	14000.00	70000.00	52000.00	260000.00
9.30	Providing Tri-Colored Arch for gates of Terminal Building Depature Entry (3 Nos) and Arrival Exit : Tricolor (saffron, white and Green) cloth decoration along with Tri-color balloons.	5.00	Job	10.00	4000.00	20000.00	20000.00	100000.00	10000.00	50000.00	10000.00	50000.00	18000.00	90000.00	12000.00	60000.00
10.00	Repairing of earth pits by dismantling the existing masonry enclosure and providing masonry enclosure, providing hinged MS cover with suitable locking system as per specifications including, painting the earth pit portion above ground and cover plate, numbering the same, providing and fixing suitable funnel, removing of debris etc. as per the direction of EIC.	20.00	job	10.00	2000.00	40000.00	850.00	17000.00	5000.00	100000.00	1800.00	36000.00	1500.00	30000.00	500.00	10000.00
11.00	Providing and laying in position cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size) including form work etc. as required.	10.00	CUM	10.00	500.00	5000.00	6500.00	65000.00	5000.00	50000.00	6000.00	60000.00	5000.00	50000.00	7500.00	75000.00

40000.00	M/s Lalowari Electricals
45000.00	M/s Lalowari Electricals
60000.00	M/s Lalowari Electricals

8000.00	EASTERN POWER ENGINEERI NG
12000.00	EASTERN POWER ENGINEERI NG

10000.00	EASTERN POWER ENGINEERI NG
14000.00	EASTERN POWER ENGINEERI NG
3000.00	EASTERN POWER ENGINEERI NG

40000.00	EASTERN POWER ENGINEERI NG
40000.00	EASTERN POWER ENGINEERI NG
20000.00	EASTERN POWER ENGINEERI NG
10000.00	ABHISHEK INTEGRATI ONS LIMITED
5000.00	EASTERN POWER ENGINEERI NG

12.00	Spray painting with two or more coat of synthetic PU or enamel paint of approved brand, manufacturer and colour to give an even shade for distribution boards, Fire hydrant Pipes, Internal & External Electrical panels/ Junction boxes/feeder pillars, etc. provided in the Terminal Buildings, Technical Block and other Ancillary Buildings including cleaning the surface, applying two or more coats of primer wherever necessary, removing, shifting of installations from existing site to a suitable site for painting where ever required. Scope also includes re-lettering / new lettering of various distribution boards/ panels wherever required.	1000.00	sq Meter	10.00	70.00	70000.00	150.00	150000.00	500.00	500000.00	100.00	100000.00	140.00	140000.00	300.00	300000.00
13.00	Cutting road/concrete including equipment, labour etc. and disposal of material as directed, within a lead of 50 m.	5.00	CUM	10.00	7500.00	37500.00	2500.00	12500.00	1000.00	5000.00	1500.00	7500.00	2000.00	10000.00	1000.00	5000.00
14.00	Hiring of suitable material handling device (such as crane of suitable boom / any suitable equipment) of operating height of 30 meter (minimum) with working bucket, safety harness etc. for replacement of the steel wire rope of the 30.5 meter monumental National Flag Mast installed opposite to Terminal Building of the Dibrugarh Airport. (Steel Rope and Labour for steel rope shall be provided by AAI.)	2.00	JOB	10.00	10000.00	20000.00	10000.00	20000.00	10000.00	20000.00	20000.00	40000.00	15000.00	30000.00	10000.00	20000.00
15.00	Hiring of suitable material handling device (such as crane of suitable boom / any suitable equipment) of operating height of 30 meter (minimum) with working bucket, safety harness etc. for replacement of the aviation obstruction light of the 30.5 meter monumental National Flag Mast installed opposite to Terminal Building of the Dibrugarh Airport. (Aviation Obstruction light and Labour shall be provided by AAI.)	2.00	JOB	10.00	10000.00	20000.00	15000.00	30000.00	10000.00	20000.00	15500.00	31000.00	15000.00	30000.00	10000.00	20000.00
16.00	Supply of Single Dome Integral LED Aviation Obstruction light comprising of aluminium housing with polycarbonate housing as per approved makes.	10.00	Each	10.00	1000.00	10000.00	3800.00	38000.00	6000.00	60000.00	5000.00	50000.00	4000.00	40000.00	4815.00	48150.00
17.00	Supply and installation of AISI 316 Grade 6 mm SS steel wire ropes suitable for 30.5 m monumental flag mast installed in Dibrugarh Airport. The job includes the supply and installation of 6 mm rope on the 30.5 mtr monumental flag mast, including replacement of stainless steel thimbles, copper splicing, galvanized turnbuckle eye and bull dog grips including using suitable equipments , tools , safety harness etc. complete as required for replacement of the wire rope complete as required. The job also includes removal of existing wire ropes from the high mast.	2.00	JOB	10.00	4000.00	8000.00	15000.00	30000.00	10000.00	20000.00	13000.00	26000.00	10000.00	20000.00	31512.00	63024.00
18.00	Painting of street light poles along with supporting structures at anywhere in the airport premises with enamel paint of required colour, approved brand.(1 pole=1 job)	150.00	JOB	10.00	300.00	45000.00	100.00	15000.00	500.00	75000.00	500.00	75000.00	450.00	67500.00	803.00	120450.00
19.00	Supply and fixing of SMC loop in loop out box of inside dimension 240 X 200 X 105 (equivalent to Sintex make model No.GS-JB-2520) including suitable 20 A 4 way DMC connector and din rail etc, including making required interconnections as required.	75.00	JOB	10.00	1150.00	86250.00	1850.00	138750.00	1000.00	75000.00	1200.00	90000.00	1200.00	90000.00	963.00	72225.00

70000.00	EASTERN POWER ENGINEERING
5000.00	CENTRE TAP ENGINEERING, ABHISHEK INTEGRATIONS LIMITED
20000.00	EASTERN POWER ENGINEERING, S. N. ELECTRIC & MAINTENANCE PRIVATE LIMITED, CENTRE TAP ENGINEERING, ABHISHEK INTEGRATIONS LIMITED
20000.00	EASTERN POWER ENGINEERING, CENTRE TAP ENGINEERING, ABHISHEK INTEGRATIONS LIMITED
10000.00	EASTERN POWER ENGINEERING
8000.00	EASTERN POWER ENGINEERING
15000.00	S. N. ELECTRIC & MAINTENANCE PRIVATE LIMITED
72225.00	ABHISHEK INTEGRATIONS LIMITED

20.00	Laying of HDPE pipe up to 90 mm dia size ISI marked along with all accessories like socket, couplers etc. conforming to IS 4984-1995, PN4 grade, PE63 etc. and complete with fitting and cutting, jointing wherever required etc.direct in groundon existing trench (up to 75 cm below ground level) etc. , complete as required.	500.00	Meter	10.00	350.00	175000.00	200.00	100000.00	200.00	100000.00	20.00	10000.00	100.00	50000.00	86.00	43000.00
21.00	Supply and Installation of Steel Jet Hand Dryer including making necessary alterations for installation the Jet Hand Dryer, making suitable interconnections etc complete as required. (Equivalent to Make Euronics Model : XJD3B)	4.00	JOB	10.00	3000.00	12000.00	28500.00	114000.00	6000.00	24000.00	49000.00	196000.00	40000.00	160000.00	55364.00	221456.00
22.00	Supply and Installation of Hand Dryer including making necessary alterations for installation the Jet Hand Dryer, making suitable interconnections etc complete as required. (Equivalent to Make Euronics Model : EH270N)	4.00	JOB	10.00	3000.00	12000.00	7500.00	30000.00	5000.00	20000.00	8500.00	34000.00	8000.00	32000.00	8017.00	32068.00
23.00	Supply of 3 Core 1.5 Sq.mm PVC insulated and PVC Round Sheathed, Multicore Annealed Bare Copper Conductor(flexible) industrial cable for Voltage Grade 1100 Volt, Conforming to IS 694 : 2010.	200.00	Meter	10.00	65.00	13000.00	65.00	13000.00	150.00	30000.00	60.00	12000.00	70.00	14000.00	57.00	11400.00
24.00	Supply of 3 Core 4.0 Sq.mm PVC insulated and PVC Round Sheathed, Multicore Annealed Bare Copper Conductor(flexible) industrial cable for Voltage Grade 1100 Volt, Conforming to IS 694 : 2010.	200.00	Meter	10.00	110.00	22000.00	145.00	29000.00	500.00	100000.00	100.00	20000.00	100.00	20000.00	149.00	29800.00
25.00	Supply and Installation of AC Single phase static Enegy Meter of Accuracy clas 1.0, rating 10-60A, 240V, 50Hz only kWh compact meter with pilfer Proof Meter box with sealing screw Provision (LCD Mni), (Model No. SPPB1510000002OC00)	30.00	Job	10.00	2500.00	75000.00	1500.00	45000.00	2000.00	60000.00	1500.00	45000.00	2000.00	60000.00	1338.00	40140.00
26.00	Supply and Installation of Integral LED Indicator Set consisting of Colors Red, Yellow and Blue with Mounting diameter 22.5 mm suitable to for Voltage 24-240 V AC/DC	75.00	Set	10.00	125.00	9375.00	75.00	5625.00	300.00	22500.00	1000.00	75000.00	1000.00	75000.00	328.00	24600.00
27.00	Supply and replacement existing of Electrical panel door lock without key installed at various areas of Terminal Building, Residential colony, Transmitting station, CISF barrack etc.	75.00	JOB	10.00	50.00	3750.00	65.00	4875.00	500.00	37500.00	350.00	26250.00	350.00	26250.00	375.00	28125.00

10000.00	M/s Lalowari Electricals
12000.00	EASTERN POWER ENGINEERI NG
12000.00	EASTERN POWER ENGINEERI NG
11400.00	ABHISHEK INTEGRATI ONS LIMITED
20000.00	M/s Lalowari Electricals, SHARMA TRADE AGENCY
40140.00	ABHISHEK INTEGRATI ONS LIMITED
5625.00	S. N. ELECTRIC & MAINTENAN CE PRIVATE LIMITED
3750.00	EASTERN POWER ENGINEERI NG

Total in Figures

15483819.00

15911568.32

15989000.00

16477550.00

14694150.00

15119160.00

Lowest Amount Quoted BY: SHARMA TRADE AGENCY(14694150.00)