



भारतीय विमानपत्तन प्राधिकरण
AIRPORTS AUTHORITY OF INDIA

No: AAI/RHQ-SR/ENGG/AGM(E-E)/Pondy/WO-03/DGCA/24-25/37 Date: 12.12.2024

M/s. Aditya Techno Products Pvt. Ltd.,
Corp. Office – Flat No.: 102 (Ground Floor),
Plot No.: 123, Sector-6, Vaishali, Ghaziabad,
U.P – 201010.

Name of Work: Compliance of DGCA observations and other miscellaneous works
at Puducherry Airport. SH: Electrical works.

REF: 1. AAI E-Bid No: **2024_AAI_209827**
2. Tender (Price Bid) opened: **20.11.2024**

Dear Sirs,

9. Your tender for the above mentioned is hereby accepted by the Competent Authority on behalf of the Chairman, Airports Authority of India, at the item rates quoted by you totaling to **Rs.63,91,670/- (Rupees Sixty Three Lakhs Nighty One Thousand Six Hundred and Seventy Only)** Plus applicable GST @ 18% which is 32.61% below the estimated cost put to tender of **Rs. 94,85,249/-** Plus applicable GST @ 18%.
10. Asst. General Manager Engg (E-E), AAI, New Operational Office, Southern Region, Chennai Airport, Chennai Shall be Engineer – in – charge of the work. You are requested to attend this office by **18.12.2024** to sign and complete the contract agreement. The contract Agreement shall be executed on a non-judicial stamp paper of value Rs.100/- (Rupees One Hundred only). The cost of the stamp paper shall be borne by you.
11. Please Deposit **Rs. 6,39,167/- (Rupees Six Lakhs Thirty Nine Thousand One Hundred and Sixty Seven Only)** towards Security Deposit within 10 days from the date of issue of this letter, failing which, the same will be deducted from your running bills as per the Clause of 1-A of Clauses of Contract.
12. You are requested to comply with the provision of Contract Labour (Regulation and Abolition) Act 1970 and contract Labour (Regulation and Abolition) Central rules 1971 and minimum wages act and rules thereof Central and State Governments.

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13. You are also directed to contact Asst. Manager (Engg-E), Puducherry Airport immediately who will hand over the site.

14. Please note that the time allowed for carrying out the work shall be **05 (Five) Months** which shall be reckoned from 15th day of issue of this letter.

15. Any further correspondence in connection with the contract should normally be addressed to the Asst. General Manager Engg (E), AAI, New Operational Office, Southern Region, Chennai Airport.

16. Please acknowledge the receipt and return the duplicate copy of this letter enclosed herewith after signing it to the undersigned as a token of acceptance.

Thanking you,

Encl: 1) Schedule of Quantities – Schedule 'A'

Yours faithfully,

[Signature]
12/12/24

Asst. General Manager Engg (E)
AAI, RHQ-SR, Chennai Airport

Schedule of Quantities

Name of Work: Compliance of DGCA observations and other miscellaneous works at Puducherry Airport. SH: Electrical Works.

Sl. No.	Item Description	Qty	Units	Rate (Rs.)	Amount (Rs.)
1.00	Supply of following size 5KV grade stranded Copper conductor PVC insulated, PVC sheathed unshielded, antitermite and rodent treated, airport lighting UG cable generally conforming to IS : 1554-Part - II with up to date amendments and as specified in particular specifications of the following sizes as required. (Make: As per list of preferred makes) 2C x 6 sqmm	6300	Mtrs	245.00	1543500.00
2.00	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 as amended upto date complete etc., as required. (Make: As per list of preferred makes) 4C x 16 sqmm	1500	Mtrs	167.00	250500.00
3.00	Supply of control cable of following sizes solid annealed plain copper conductor, XLPE insulated and PVC inner sheathed single layer of galvanized flat steel strip armoured and over all PVC sheathed 1.1 KV grade confirming IS 7098 Part-I upto date amendments as required. (Make: As per list of preferred makes) 6Cx 2.5 Sqmm	100	Mtrs	220.00	22000.00
4.00	SITC of Internally Illuminated LED base Mandatory/Information Guidance Sign boards of various sizes and depth not less than 150mm made out of 4mm thick glare free polycarbonate sheet at front facia having the required details (letters and symbols) screen printed on self adhesive film of 3M make/equivalent and pasted inside of the polycarbonate sheet and body made of 2mm thick anodised aluminium profile reinforced by 50mmx50mm Aluminium/Aluminium Alloy structure on other five sides with sufficient No. of 50mm dia aluminium legs of 5.5mm thick fixed with Al brackets of 5mm thick and frangible couplings, uniformly internally illuminated with adequate No. of LED modules of LED of burning hours not less than 50,000 spacing not more than 100mm with suitable rated weather proof Power converter (IP 67) to achieve required illuminated level, suitable for operation on airfield series circuit input source of 2.8A-6.6A to give constant brightness for all current variation without flickering, with all other accessories such as MS base plate of 10mm thick with 16mm dia 250mm length foundation bolts and nuts of SS Materials, including providing foundation as per OEM recommendations etc., complete as required and confirming to ICAO/FAA requirements etc as required.	14	Sqmtrs	5500.00	77000.00
5.00	SITC of Collapsible of illuminated wind cone assembly as per ICAO standard and specification complete with red glass dome obstruction marker light, Aluminium casing,) 04 Nos. of lamps and shades duly directed in windsock, duly fixed on bearings, slip rings with cover, carbon boxes to holder bracket for drum fixed with bearings, Junction box for 4 Pole 32 A MCB for cable termination, including wind sock etc., installed on 80 mm dia G.I pipe as main pole, support and hinged base with M-10 size bolts including providing necessary foundation etc., complete as required.	1	Job	225000.00	225000.00
6.00	Supplying of following 50 mm OD HDPE Pipe of PE 80 PN 6 ISI Marked along with all accessories like coupler conforming to IS 4984 complete with fitting and cutting, jointing etc., complete as required. (Make: As per list of preferred makes)	7600	Mtrs	110.00	836000.00

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Sl. No.	Item Description	Qty	Units	Rate (Rs.)	Amount (Rs.)
7.00	Laying of upto 50mm OD HDPE pipe ISI marked along with all accessories like socket, bend etc. conforming to IS 4984 complete with fitting and cutting, jointing etc. direct in ground (80 cm below the ground) including excavation and refilling the trench but excluding sand cushioning and protective covering etc., complete as required.	7600	Mtrs	75.00	570000.00
8.00	Laying of one number PVC insulated and PVC sheathed 5 KV grade airfield lighting cable of size up to 25 sqmm Sq.mm in the existing RCC/HUME/METAL/HDPE PIPE as required.	6200	Mtrs	15.00	93000.00
9.00	Laying of one number PVC insulated and PVC/ XLPE sheathed power cable of 5 KV grade airfield lighting cable of size up to 25 sqmm Sq.mm in the existing masonry open duct as required.	100	Mtrs	20.00	2000.00
10.00	Laying of one number PVC insulated and PVC/ XLPE sheathed power cable of 1.1 KV grade of following size in the existing RCC/HUME/METAL/HDPE PIPE as required. Upto 35 sq. mm	1400	Mtrs	20.00	28000.00
11.00	Laying of one number PVC insulated and PVC/XLPE sheathed power cable of 1.1 KV grade of following size in the existing masonry open duct as require Upto 35 sq. mm	100	Mtrs	22.00	2200.00
12.00	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 grade as required. 4C x16 Sqmm	14	Nos.	220.00	3080.00
13.00	Supply and fixing of IP65 weather proof enclosure box of suitable size including supply and fixing of 32A 4P MCB in the enclosure box, all accessories like din bar, earth stud, etc., complete as required (Make : As per List of approved makes)].	8	Nos.	12560.00	100480.00
14.00	Supply of FAA Compliant indoor, aircooled Microprocessor Based Constant Current Regulators of thyristor controlled electronic type suitable for use on 240 V with +/- 10% variation, 50 Hz input system with output power of 4.0 kW, 5 steps variation of current output (2.8 A, 3.4 A, 4.1 A, 5.2 A, 6.6 A) suitable for local and remote control operation with 24 V / 48 V integral control supply for use in series Airfield Lighting complete with over current, over voltage, earth fault/earth leakage and open circuit protection, provision of output digital ammeter of (0-20A) range, positive feed back indication system, transformers, relays, contactors, inductors, capacitors and suitable transient suppression/surge diverters on output etc., as required. (Make: As per list of preferred makes)	3	Nos.	315000.00	945000.00
15.00	Installation, Testing and Commissioning of charges of 4 KW MPCCRs.	3	Nos.	25000.00	75000.00
16.00	Spare Card for CCR - (PCB for Main Card, IM card & Power supply card) each for 4KW and 20KW	1	Set	88000.00	88000.00

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Sl. No.	Item Description	Qty	Units	Rate (Rs.)	Amount (Rs.)
17.00	Supply of following CI isolating transformer housing box, water light, round type, metal container of outside size 330mm, height 450mm made of 10 mm thick case iron moulding all around except the top surface, which is 15mm cast iron suitable to receive a light fitting base plate on top and underground housing associated with transformer, power cable and having a clear hole centre at the required side centre 3" above bottom surface suitable to receive 1 no. of 50mm dia "B" Class GI Pipe and check nuts. The box should have two SS earth bolts of 10x30 mm tapped inside near the cable entry hole, 4" away from the hole centre and having a drain hole at the bottom suitably tapped to receive 15mm dia B class GI pipe and having clear opening of 220 mm at the top surface and 6 nos. M 10 tapped hole at top having the hole centre 260mm to receive fitting base plate as required.	6	Nos.	7635.00	45810.00
18.00	Installation of transformer housing box with base concrete of 1:3:6 of size 630x630 x100mm thick all around concrete of 1:2:4; 150mm thick top slopped with 1:2:4 cement concrete including providing and fixing 10" long 1/2" dia B class GI pipe with check nuts for drainage of water including excavation and refilling, aligning the boxes in straight line etc complete as required.	6	Nos.	770.00	4620.00
19.00	Supply of 5 KV grade plug and receptable type-I class 'B' connector suitable for field attachment with following size of 5 KV grade PVC insulated, PVC sheathed single core copper conductor cable conforming to the relevant IS specification and particular specification attached etc complete as required.				
19.01	6 Sqmm	50	Nos.	557.00	27850.00
19.02	16 Sqmm	50	Nos.	850.00	42500.00
20.00	Making field connections by crimping 16/6 Sq.mm plug and receptacle with existing 16/6 Sq.mm single core copper conductor PVC insulated and PVC sheathed cable including filling the gap with water sealant material applying HT tape over PVC tape etc as required.	16	Job	350.00	5600.00
21.00	Supply of following rating of 5KV grade 50 Hz series type isolating transformer encapsulated in polyster resin finally moulded with neoprene type rubber with primary & Secondary connection s as specified in particular specifications complete as required.				
21.01	200W, 6.6A/6.6A (PAPI)	32	Nos.	6500.00	208000.00
22.00	Supply and installation of 2 x 105W Inset Type bi-directional High Intensity Runway Edge Light Fittings, complete with prism assembly, optical assembly, 'O' ring seal, pressure relief test plug, 6.6A halogen lamp, filters shallow base, die cast aluminium inner body & outer cover etc., complete as required as per ICAO standard and specifications.				
22.01	Clear/clear	3	Nos.	6500.00	19500.00
22.02	yellow/Clear	6	Nos.	7000.00	42000.00
23.00	Supply of Two pin Secondary plug assembly of 2.5m length suitable for interconnection with AMA MK-IV PAPI unit.	32	Nos.	750.00	24000.00
24.00	Providing and fixing 6 SWG GI wire on surface or in recess for loop earthing alongwith the existing surface/recessed conduit/submain wiring/cable as required.	7800	mtrs	22.00	171600.00

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Sl. No.	Item Description	Qty	Units	Rate (Rs.)	Amount (Rs.)
25.00	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.	5	Job	4210.00	21050.00
26.00	Supply, Installation, Testing and Commissioning of trolley mounted 30 KVA DG Set with acoustic enclosure conforming to CPCB regulations for emission and noise levels complete with Diesel Engine of suitable capacity considering de-rating factor if any whichever is higher, water/coolant cooled, (radiator type) four stroke, electric start, turbo-charged & after cooled conforming to BS: 5514 with all standard accessories, coupled with Alternator of 30 KVA rating, brushless, self excited, self regulated and suitable for continuous operation at 1500RPM, generating 415 V+/-5% Volts at 0.8 p.f (lag), 50Hz, 3 phase, 4 wire system generally conforming to BS: 2613 & IS: 4722. Both Engine and Alternator shall be mounted on common channel iron base frame, and with standard accessories, Lead acid battery of suitable AH, along with leads, battery stand, day fuel tank of 70 Ltrs capacity, fuel piping from fuel tank to Engine, Residential silencer, Exhaust piping upto 5 Mtr., suitable size of cable termination box with extended Alternator terminal with bus bars and including trolley with 2 x 300W flood light etc as required and as per specifications. (Make: As per list of preferred makes)	1	Job	550000.00	550000.00
27.00	Supply , Installation testing and commissioning of following capacity, split type-2 TR 5 star rated Hi-wall split type Airconditioner, consisting 1 No. indoor unit (fan coil) with cord less remote control and one number outdoor anti-corrosive copper condensing unit comprising with sealed compressor, suitable for single phase, 230 Volt, 50 Hz, AC supply, providing and making interconnections, refrigerant line between room unit and condensing unit upto length of 5 meters with insulation covering, Comprising of drain PVC Pipe, refrigerant copper piping, electrical cabling including first charge of refrigerant R 410 A/R32 (or as per OEM manufacturer recommendation) with suitable bracket/MS channel for fixing outdoor unit complete etc as required. (Make: As per list of preferred makes)	4	each	35000.00	140000.00
28.00	Supply , Installation testing and commissioning of 4 TR capacity, stand alone type, floor mounted, vertical split type Airconditioner, consisting 1 No. indoor unit (fan coil) with cord less remote control and one number outdoor anti-corrosive copper condensing unit comprising with sealed scroll compressor, suitable for three phase, 415 Volt, 50 Hz, AC supply, making interconnections between refrigerant line between room unit and condensing unit with insulation covering, drain PVC Pipe, electrical cabling including first charge of refrigerant R 410 A/R32 (or as per OEM manufacturer recommendation) with suitable bracket/MS channel for fixing outdoor unit complete etc as required. (Make: As per list of preferred makes)	2	each	65000.00	130000.00
29.00	Supply, Installation, testing and commissioning of wall mounting type, 5 KVA capacity, single phase, automatic line voltage stabilizer, suitable operation on 170 volts to 270 Volts AC Input, 200 volts to 240 volts AC output, single phase, 50 HZ AC power supply with built in time delay, high voltage cut off, and low voltage cut off and input/output/trip indications and suitable for operation of 2 Ton Air conditioning unit etc as required.	4	each	6500.00	26000.00

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Sl. No.	Item Description	Qty	Units	Rate (Rs.)	Amount (Rs.)
30.00	Wiring for circuit/ submain wiring alongwith earth wire with the following size of FR PVC insulated copper conductor, single core cable in recess/ surface steel conduit as required. i) Size : 2 x 4.0 Sqmm with 1 x 4.0 Sqmm earth wire	50	Mtrs	220.00	11000.00
31.00	Supply and fixing of 30 amps, 415 volts, TPN industrial type, socket outlet, with 4 pole and earth,, metal enclosed plug top along with 30 amps "C" Curve, TPMCB, in sheet steel enclosure, on surface or in recess, with chained metal cover for the socket outlet and complete with connections, testing and commissioning etc., complete as required.	4	each	7500.00	30000.00
32.00	Wiring for circuit/ submain wiring alongwith earth wire with the following size of FRLS PVC insulated copper conductor, single core cable in surface / recessed steel conduit as required. i) 4 x 6 Sqmm + 2 x 6 Sqmm earth wire	30	mtrs	496.00	14880.00
33.00	Wiring for circuit/ submain wiring alongwith earth wire with the following size of FRLS PVC insulated copper conductor, single core cable in surface / recessed medium class PVC Conduit as required. i) 2 x 6 Sqmm + 1 x 6 Sqmm earth wire	60	Mtrs	275.00	16500.00
	Total (Rs.)				6,391,670.00
	ADD GST @ 18 % (Rs.)				1,150,500.60
	Total Amount incl GST (Rs.)				7,542,171.00


 12/12/2024
 Asst. General Manager (E-E)
 AAI, RHQ-SR, Chennai