



भारतीय विमानपत्तन प्राधिकरण
(मिनी रत्न – श्रेणी-1सार्वजनिक क्षेत्र का उद्यम)
Airports Authority of India
(A Miniratna- Category-I Public Sector Enterprise)

Ref: AAI/BZ/ENGG (E)/Jt.GM/CW/WO-09/2025-26/71

Dated: 11.08.2025

By Speed Post / e-mail

To
M/s. Synergy Lighting Solutions,
101 Block, QP Pitam Pura,
New Delhi - 110088
e-mail: synergylightingsolutions@gmail.com

**Name of Work: - Replacement of various Cables in Operational Area at
Vijayawada Airport.**

Ref: 1) Your Price Bid (**Tender ID No. 2025_AAI_232731_1**)
2) Corrigendum-1: AAI/BZ/JGM(E)-I/eNIT/CW-01/2025-26 DT:27/05/2025
3) Corrigendum-2: AAI/BZ/JGM(E)-I/eNIT/CW-01/C-2/2025-26 DT:10/05/2025

Dear Sir,

1. Your e-tender for the above mentioned work is hereby accepted by the Competent Authority on behalf of the Chairman, AAI at the item rates quoted by you, for an amount of Rs. **1,14,47,900.00 (Rupees One Crore Fourteen Lakhs Forty Seven Thousand and Nine Hundred Only)** Excluding GST which is **37.04%** Below the Justified Cost of Rs. **1,81,83,231.00 (Rupees One Crore Eighty One Lakhs Eighty Three Thousand Two Hundred and Thirty One only)**.
2. The Joint General Manager [Engg-E], Airports Authority of India, Vijayawada Airport, Vijayawada-521 102 is the Engineer-In-Charge of the work. You are requested to depute your accredited representative empowered to sign the contract agreement on your behalf to the office of the Jt. General Manager [Engg-E] AAI, Vijayawada Airport by **21/08/2025** to sign and complete the agreement. The contract agreement shall be executed on a Non-Judicial stamp paper **Andhra Pradesh** of value Rs. 100/- and the cost of the stamp paper shall be borne by you.
3. Please Deposit amount of Rs. **11,44,790/- (Rupees Eleven Lakhs Forty Four Thousand Seven Hundred and Ninety Only)** towards Security Deposit within 15 days from the date of issue of this letter, failing which the same will be deducted from your bill as per relevant Clause No.1A of GCC.
4. You are requested to comply with the provisions of Contract Labour (Regulation & Abolition) Act of 1970 and Contract Labour (Regulation & Abolition) Central Rules, 1971, Minimum Wages Act 1948, Employees Provident Fund & Misc. Provisions Act 1952, ESI Act 1948 and Rules thereof Central/ State Governments.

(Contd....2/-



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5. You are also directed to contact the Asst. General Manager [Engg-E], AAI, Vijayawada Airport immediately who will arrange to handover the site to you. Please note that the time allowed for completion of the work is **04 (Four) Months** which shall be reckoned from **21.08.2025**.
6. Your offer for this work shall form part of the agreement along with this award letter and all the technical particulars, undertaking uploaded in the folder. All other terms & conditions shall be as per NIT.
7. Any further correspondence in connection with the contract should normally be addressed to The Jt. G.M. Engg (E), AAI, Vijayawada Airport, Vijayawada – 521 102.
8. Airports Authority of India, Vijayawada Airport (A.P) GST No: **37AAACA6412D1Z7** shall be included in all invoices generated by the Agency.
9. Please acknowledge the receipt and return the duplicate copy of this letter enclosed herewith after signing it to the undersigned as a token of your acceptance.

Thanking you,

Yours faithfully

(B DEVARAJU) 4/8/25

Asst. General Manager [Engg-E]
AAI, Vijayawada Airport

Encls: (Schedule of Work) Pages 1 to 5

Validate

Print

Help

Item Rate BoQ

Tender Inviting Authority: Asst. General Manager (Engg-E), Airports Authority of India, Vijayawada International Airport.

Name of Work: Replacement of Various Cables in Operational Area at Vijayawada Airport.

Contract No: 2025_AAI_232731_1

Name of the Bidder/ Bidding Firm /	SYNERGY LIGHTING SOLUTIONS
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PRICE SCHEDULE

(This BOQ template must not be modified/replaced by the bidder and the same should be uploaded after filling the relevant columns, else the bidder is liable to be rejected for this tender. Bidders are allowed to enter the Bidder Name and Values only)

NUMBER #	TEXT #	NUMBER #	TEXT #	NUMBER #	NUMBER #	TEXT #
Sl. No.	Item Description	Quantity	Units	BASIC RATE In Figures To be entered by the Bidder Rs. P	TOTAL AMOUNT Without Taxes in Rs. P	TOTAL AMOUNT In Words
1	2	4	5	13	53	55
1	Supply of 3.5C x 300 Sq.mm, XLPE insulated and PVC sheathed armoured aluminium conductor power cable of 1.1 KV grade conforming to IS 7098 (Part-1) with upto date ammendments etc., complete as required. (Note: If the manufacturer does not have NABL accredited Laboratory samples from site shall be collected jointly by AAI and the agency and it will be sent to NABL accredited Laboratories / Govt Laboratories / IIT / IISc / IISER / College /University for acceptance Testing as per IS. The contractor will do all Liasoning, Transportation etc. and pay the testing charges. Nothing extra will be paid by AAI. if it is found that the cable supplied is not as per the requirement of IS, The supply will be rejected or recovery shall be made from the bill or any due pending with AAI from any airports)	4000	Mtr	1530.00	6120000.00	INR Sixty One Lakh Twenty Thousand Only
2	Supply of 3.5C x 185 Sq.mm, XLPE insulated and PVC sheathed armoured aluminium conductor power cable of 1.1 KV grade conforming to IS 7098 (Part-1) with upto date ammendments etc., complete as required. (Note: If the manufacturer does not have NABL accredited Laboratory samples from site shall be collected jointly by AAI and the agency and it will be sent to NABL accredited Laboratories / Govt Laboratories / IIT / IISc / IISER / College /University for acceptance Testing as per IS. The contractor will do all Liasoning, Transportation etc. and pay the testing charges. Nothing extra will be paid by AAI. if it is found that the cable supplied is not as per the requirement of IS, The supply will be rejected or recovery shall be made from the bill or any due pending with AAI from any airports)	2500	Mtr	1100.00	2750000.00	INR Twenty Seven Lakh Fifty Thousand Only
3	Supplying and making end termination with brass double compression gland and aluminium lugs for following size of PVC insulated and PVC sheathed / XLPE aluminium conductor cable of 1.1 KV grade as required.					
3.1	3½ X 240 Sq. mm	8	Set	1000.00	8000.00	INR Eight Thousand Only
3.2	3½ X 185 Sq. mm	6	Set	500.00	3000.00	INR Three Thousand Only
3.3	4 X 16 Sq. mm	2	Set	100.00	200.00	INR Two Hundred Only

4	Supplying and making straight through joint with heat shrinkable kit including ferrules and other jointing materials for following size of PVC insulated and PVC sheathed / XLPE aluminium conductor cable of 1.1 KV grade as required.					
4.1	3½ X 240 sq. mm	4	Each	7500.00	30000.00	INR Thirty Thousand Only
4.2	3½ X 185 sq. mm	4	Each	6300.00	25200.00	INR Twenty Five Thousand Two Hundred Only
5	Fabrication SITC of outdoor type cable junction box, single door with locking arrangement made out of 3mm thick outer sheet and 2mm thick inner sheet steel, dust tight, vermin proof, totally enclosed, cubicle type WITH TOP CANOPY FOR RAIN PROTECTION, floor mounting, free standing with MS Stand panel box suitable for three phase and neutral colored coded aluminium busbars with current carrying capacity of 400A, 40 x 12mm size aluminium busbar, suitable for connection of 3.5 core x 240 Sq.mm LT Power cable with all accessories for fixing of cable interconnection, earthing terminals, painting, grouting, providing pedestal upto the 600MM, cable entry provision etc. complete with all respects.	2	Job	5000.00	10000.00	INR Ten Thousand Only
6	Fabrication and S.I.T.C of 250A Rating, 4 Pole on load Changeover switch in Sheet Steel Enclosure complete with Phase barrier, Handle Assembly having Door Interlock and Padlocking arrangement, Indoor MV Feeder Pillar Panel with door arrangement made out of 3mm thick outer, CRCA sheet steel, dust tight, vermin proof, totally enclosed, cubicle type with top canopy for safety protection Confirming to IP54 floor mounting, free standing, suitable for operation at 433 V, 3 phase, 4 wire, 50 Hz, A.C. Power supply system complete with all accessories, interconnection, connection, earthing, painting, grouting, providing pedestal upto the height of 300MM, Cable Entry provision etc. as required.	2	Job	10000.00	20000.00	INR Twenty Thousand Only
7	Supplying and laying of 2X300 mm dia., non-pressure NP3 class (Medium duty) RCC pipe with collars jointed with stiff cement mortar i/c excavation of trench (i.e. soft soil, hard rocks, CC Road / Bituminous road etc.) as per site as required (800 mm) width for pipe, depth up to 1100 mm, providing and laying cement concrete of 1:4:8 ratio at bottom (100 mm) of pipe, laying of pipe, refilling with cement concrete 1:4:8 ratio up to top surface of pipes and refilling the trench with soil, ramming, watering, making the surface to original finish etc. as required.	850	Mtr	700.00	595000.00	INR Five Lakh Ninety Five Thousand Only
8	Supplying and laying of OD 50 mm dia., HDPE, PE100, PN-8 Pipe ISI marked along with all accessories like socket, bend, couplers etc. conforming to IS 4984, complete with fitting and cutting, jointing etc.direct in ground (75 cm below ground level) including excavation and refilling the trench but excluding sand cushioning and protective covering etc., complete as required. Note: Only required quantity of HDPE Pipe to be supplied and laid at site. If any balance pipe is available after laying and same shall be taken back by agency. Payment will be made as actual utilization at site. Nothing will be paid extra.	150	Mtr	90.00	13500.00	INR Thirteen Thousand Five Hundred Only
9	Supplying and laying of OD 90 mm dia., HDPE, PE100, PN-8 Pipe ISI marked along with all accessories like socket, bend, couplers etc. conforming to IS 4984, complete with fitting and cutting, jointing etc.direct in ground (75 cm below ground level) including excavation and refilling the trench but excluding sand cushioning and protective covering etc., complete as required. Note: Only required quantity of HDPE Pipe to be supplied and laid at site. If any balance pipe is available after laying and same shall be taken back by agency. Payment will be made as actual utilization at site. Nothing will be paid extra.	1000	Mtr	175.00	175000.00	INR One Lakh Seventy Five Thousand Only
10	Supplying and laying of OD 110 mm dia., HDPE, PE100, PN-8 Pipe ISI marked along with all accessories like socket, bend, couplers etc. conforming to IS 4984, complete with fitting and cutting, jointing etc.direct in ground (75 cm below ground level) including excavation and refilling the trench but excluding sand cushioning and protective covering etc., complete as required. Note: Only required quantity of HDPE Pipe to be supplied and laid at site. If any balance pipe is available after laying and same shall be taken back by agency. Payment will be made as actual utilization at site. Nothing will be paid extra.	1350	Mtr	250.00	337500.00	INR Three Lakh Thirty Seven Thousand Five Hundred Only

11	Laying of one number PVC insulated and PVC sheathed / XLPE power cable of 1.1 KV grade of following size in the existing RCC/ HUME/ METAL/DWC/HDPE pipe as required. (Cable provided by AAI) Upto 35 sq. mm	150	Mtr	20.00	3000.00	INR Three Thousand Only
12	Laying of one number PVC insulated and PVC sheathed / XLPE power cable of 1.1 KV grade of following size in the existing RCC/ HUME/ METAL/DWC/HDPE pipe as required. Above 95 sq. mm and upto 185 sq. mm	2000	Mtr	50.00	100000.00	INR One Lakh Only
13	Laying of one number PVC insulated and PVC sheathed / XLPE power cable of 1.1 KV grade of following size in the existing RCC/ HUME/ METAL/DWC/HDPE pipe as required. Above 185 sq. mm and upto 400 sq. mm	3150	Mtr	80.00	252000.00	INR Two Lakh Fifty Two Thousand Only
14	Laying of one number PVC insulated and PVC sheathed / XLPE power cable of 1.1 KV grade of following size in the existing masonry open duct as required. Above 95 sq. mm and upto 185 sq. mm	350	Mtr	50.00	17500.00	INR Seventeen Thousand Five Hundred Only
15	Laying of one number PVC insulated and PVC sheathed / XLPE power cable of 1.1 KV grade of following size in the existing masonry open duct as required. Above 185 sq. mm and upto 400 sq. mm	300	Mtr	80.00	24000.00	INR Twenty Four Thousand Only
16	Laying of one number PVC insulated and PVC sheathed / XLPE power cable of 1.1 KV grade of following size on wall surface as required. Above 120 sq. mm and upto 240 sq. mm (Clamped with 40 x 3 GI Flat clamp)	250	Mtr	150.00	37500.00	INR Thirty Seven Thousand Five Hundred Only
17	Laying of one number PVC insulated and PVC sheathed / XLPE power cable of 1.1 KV grade of following size on tray as required. Above 120 sq. mm and upto 240 sq. mm (Clamped with 40 x 3 GI Flat clamp)	200	Mtr	50.00	10000.00	INR Ten Thousand Only
18	Excavation for cable trenches in soft soil, depth up to 1.2 m and (Size 1.5m x 1.5m) including dressing of sides getting out the excavated soil, refilling with sand and or good soil after laying of cable / pipe etc., in layers of 20 cm, ramming, watering and disposal of surplus excavated soil as per direction of E-I-C as required.	108	Cum	300.00	32400.00	INR Thirty Two Thousand Four Hundred Only
19	Constructing brick masonry manhole in cement mortar 1:4 (1 cement: 4 coarse sand) RCC topslab with 1:1.5:3 mix (1 cement: 1.5 coarse sand: 3 graded stone aggregate 20mm nominal size) foundation concrete 1:4:8 mix (1cement:4 coarse sand:8 graded stone aggregate 40mm nominal size) inside plastering 12mm thick with cement mortar 1:3 (1 cement:3 coarse sand) finished with floating coat of neat cement and making channels in cement concrete 1:2:4 (1 cement:4 coarse sand:4 graded stone aggregate 20mm nominal size) finished with a floating coat of neat cement, provision of MS C channel (125 x 65 x 5.3mm) at middle of chamber for extra support complete etc. as required. (as per standard design) Inside size 200x200 cm and 150 cm deep including RCC cover plate with common burnt clay F.P.S. (non modular) bricks of class designation 7.5	21	Job	10000.00	210000.00	INR Two Lakh Ten Thousand Only
20	Making horizontal boring of dia. not less than 200mm by using suitable mechanical arrangement, Sensor operated, Not less than 2.5Mtr Depth, horizontal bore well suitable for inserting of 200mm dia., HDPE Pipes. Job including supplying and laying of 250mm dia. PE-100 Grade, PN-8, HDPE Pipe in borewell hole including jointing, molding cutting, bending, etc. of pipes in boring hole as per site condition complete is required.	220	Mtr	1000.00	220000.00	INR Two Lakh Twenty Thousand Only

21	Making horizontal boring of dia. not less than 110mm by using suitable mechanical arrangement, Sensor operated, Not less than 2.5Mtr Depth, horizontal bore well suitable for inserting of 110mm dia., HDPE Pipes. Job including supplying and laying of 110mm dia. PE-100 Grade, PN-8, HDPE Pipe in borewell hole including jointing, molding cutting, bending, etc. of pipes in boring hole as per site condition complete is required.	100	Mtr	800.00	80000.00	INR Eighty Thousand Only
22	Design, Supply, Installation, Testing and Commissioning of frangible & illuminated wind direction indicator confirming to ICAO Annex 14, Volume-I and suitable for operation on 230 V, 50 Hz, Single phase AC Supply and consist of following completion as required. (A) Height not less than 6.76 Mtr., Frangible mast. The frangibility shall confirm to ICAO Annex 14 & Aeodrome design manual part-6/FAA. The color of pole/mast shall be preferably aviation red/white. (B) Wind sock assembly complete with slip rings, drum, bracket for drum, bearing, carbon brush with holder etc. (C) Four Nos. 30W nominal capacity LED Fittings along with fitting mounting arrangement suitable for outdoor conditions. (D) One No. LED Aviation obstruction light having aluminium cast body and red polycarbonate dome. (E) Internal wiring, provision for remote / manual control operation. (F) The Wind Direction Indicator should be in the form of a truncated cone made of fabric, as per technical specifications. (G) Providing and laying suitable RCC foundation for installation of WDI as per OEM recommendations. All Above 22 (A) to 22 (G)	1	Job	200000.00	200000.00	INR Two Lakh Only
23	Supply of fabric windsock of 900mm dia. at neck and 3600mm long made of special natural colour, fungus proof fabric with alternate black and white strip etc. complete as per the specifications.	6	Each	4000.00	24000.00	INR Twenty Four Thousand Only
24	Supply and fixing of Hensel make PVC out door type cable termination box of size (205X255X112) mm with IP66 protection along with 20A, FP MCB, din rail for MCB Installation, two numbers of 2mm GI U clamp suitable to fix the box etc., complete as required.	1	Each	3000.00	3000.00	INR Three Thousand Only
25	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.	1	Each	4850.00	4850.00	INR Four Thousand Eight Hundred & Fifty Only
26	Supplying and laying 6 SWG G.I. wire at 0.50 metre below ground level for conductor earth electrode, including connection/ termination with GI thimble etc. as required.	30	Mtr	20.00	600.00	INR Six Hundred Only
27	Providing, laying and fixing of 65mm dia. G.I. pipe (medium class) in PCC Road complete with G.I. fittings including trenching (75 cm deep) and re-positioning same with PCC etc., as required (Note: Excavation of PCC / Bitumin Road cutting and laying of pipe in trench and re-positioning with PCC)	12	Mtr	500.00	6000.00	INR Six Thousand Only
28	Providing brick work (in width 225 mm or more) 7 cm thick with common burnt clay F.P.S. (non modular) brick of class designation 7.5 in cement mortar 1:3 (1 cement : 3 coarse sand) in superstructure above plinth level and upto floor five level.	19	Sqm	2000.00	38000.00	INR Thirty Eight Thousand Only
29	Providing 15mm thick cement plaster of mix 1:4 (1 cement : 4 fine sand) at all levels.	27	Sqm	450.00	12150.00	INR Twelve Thousand One Hundred & Fifty Only
30	Providing and laying in position cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size) in foundation / road crossing etc., including fram work etc as required.	11	Cum	4000.00	44000.00	INR Forty Four Thousand Only
31	Supply, installation, testing and commissioning of 600mm Sweep, High speed, 300CFM Air delivery, 1400 RPM, Heavy duty, metal body Air Circulator with wide oscillating aerodynamic metal blades, 100% copper motor for longer performance, regulator based speed control for easy operations, easy tilting with unique pivot arrangement with all accessories suitable for operation on 230V AC supply etc., as required.	6	Each	6000.00	36000.00	INR Thirty Six Thousand Only

32	Supply of 450mm Sweep, High speed and Air delivery, 1400 RPM, Heavy duty, metal body pedestal fan with wide oscillating aerodynamic metal blades, 100% copper motor for longer performance, regulator based speed control for easy operations, easy tilting with unique pivot arrangement with all accessories suitable for operation on 230V AC supply etc., as required.	1	Each	5500.00	5500.00	INR Five Thousand Five Hundred Only
Total in Figures					11447900.00	INR One Crore Fourteen Lakh Forty Seven Thousand Nine Hundred Only
Quoted Rate in Words					INR One Crore Fourteen Lakh Forty Seven Thousand Nine Hundred Only	

W. Devaraju
11/08/2018

बी.देवराजु/BHAITHI DEVARAJU
सहायक महाप्रबंधक (अभि-वि)/
Asst. General Manager (Engg.E)
भ वि प्रा. विजयवाडा अंतरराष्ट्रीय हवाई अड्डा
A.A.I. VIJAYAWADA INTERNATIONAL AIRPORT