



# भारतीय विमानपत्तन प्राधिकरण

AIRPORTS AUTHORITY OF INDIA

देवी अहिल्याबाई होलकर विमानपत्तन, इंदौर-452 005

(आई.एस.ओ.9001:2015 आई.एस.ओ.14001: 2015 एवं आई.एस.ओ. 45001:2018 प्रमाणित विमानतल)

DEVI AHILYA BAI HOLKAR AIRPORT, INDORE-452 005

(ISO 9001:2015, ISO 14001: 2015 & ISO 45001: 2018 Certified Airport)

संदर्भ संख्या : भाविप्रा/इंदौर/अभि.-वि/कार्य आदेश-05/2025-26 / 45970 दिनांक : 03/06/2025  
Ref. No.: AAI/ID/ENGG(E)/WO-05/2025-26 Date: 03/06/2025

प्रति,

मेसर्स मनीष इलेक्ट्रिकल्स,  
146, सीपी कॉलोनी, 7 नम्बर चौराहा,  
कल्पना नगर, मुरार, ग्वालियर - 474006

M/s Manish Electricals,,  
146, CP Colony, 7 No. Chouraha,  
Kalpana Nagar, Morar, Gwalior - 474006

कार्य का नाम:- प्रोविजन ऑफ रनवे टर्न पैड लाइट्स एंड अदर एसोसिएटेड वर्क एट डी.ए.बी.एच.  
एयरपोर्ट, इन्दौर।

**Name of Work: - Provision of Runway Turn Pad Lights and other associated work at D.A.B.H. Airport, Indore.**

संदर्भ :- 1) आपकी दिनांक 21/05/2025 को खोली गई ई-निविदा 2025\_AAI\_233003

एवं रिवर्स ऑक्शन दिनांक 22.05.2025

**Your E-Tender No.2025 AAI 233003 Opened on dated 21/05/2025  
and Reverse Auction carried out on 22/05/2025.**

प्रिय महोदय / Dear Sir,

- उपरोक्त कार्य हेतु आपका टेण्डर, अध्यक्ष, भारतीय विमानपत्तन प्राधिकरण की ओर से, आपके द्वारा बताये गये मद मुल्यों पर आपकी टेण्डर राशि कुल लागत ₹ 1,71,42,060/- (रुपये एक करोड़ इकहत्तर लाख बयालीस हजार साठ मात्र जी.एस.टी. रहित) है, जो कि टेण्डर की अनुमानित लागत राशि ₹ 2,41,07,600/- जी.एस.टी. रहित से 29 % कम है, पर स्वीकृत किया जाता है।

**Your Tender for the work mentioned above is hereby accepted on behalf of the Chairman, Airports Authority of India at the item rates quoted by you totaling to ₹ 1,71,42,060/- (Rupees One Crore Seventy One Lakh Forty Two Thousand Sixty Only Excluding GST) which is 29% below the Estimated cost put to tender of ₹ 2,41,07,600/- Excluding GST.**

- सहायक महाप्रबंधक (अभि.-विद्युत), भाविप्रा, दे.अ.बा.हो. विमानतल, इन्दौर कार्य के प्रभारी अभियंता होंगे। आपसे निवेदन है कि आप आपकी ओर से एक विश्वसनीय प्रतिनिधि प्रतिनियुक्त करें जो कि करारनामों पर हस्ताक्षर करने के लिए अधिकृत हो तथा वह दिनांक 18.06.2025 तक सहायक महाप्रबंधक (अभि.-विद्युत), भाविप्रा, दे.अ.बा.हो. विमानतल, इन्दौर के कार्यालय में उपस्थित हो तथा करारनामों को पूरा करें। ठेके का करारनामा रुपये 100/- के नॉन ज्युडिशियल स्टेम्प पेपर पर निष्पादित किया जाएगा, तथा स्टेम्प पेपर का खर्च आपके द्वारा उठाया जाएगा।

Continued on page No. ...02

-02-

The Assistant General Manager (Engg.-Elect.) AAI, DABH Airport, Indore shall be 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 attend the office of the Assistant General Manager (Engg.-Elect.), AAI, DABH Airport, Indore by 18.06.2025 to sign and complete the agreement. The contract agreement shall be executed on a non-judicial stamp paper of Rs. 100/- and the cost shall be borne by you.

- कृपया ₹ 17,14,206.00 (रुपये सत्रह लाख चौदह हजार दौ सौ छः मात्र) प्रतिभूति जमा के रूप में यह पत्र के जारी करने की तारीख से 10 दिन के अंदर जमा कीजिए, अन्यथा यह राशि ठेका दस्तावेज के जीसीसी के पृष्ठ क्र.16 के Clause '1A' की शर्त के अनुसार काटी जाएगी।

Please deposit ₹ 17,14,206.00 (Rupees Seventeen Lakh Fourteen Thousand Two Hundred Six Only) towards security deposit within 10 days from the date of issue of this letter, failing which the same will be deducted as per condition of Clause '1A' on page no. 16 of GCC of the contract document.

- आपसे निवेदन है कि आप केन्द्रीय और राज्य सरकारों के 1970 के अधिनियम अनुबंध श्रम नियम (नियमन तथा उन्मुलन) तथा 1971 के केन्द्रीय नियम अनुबंध श्रम नियम (नियमन तथा उन्मुलन) एवं केन्द्र तथा राज्य सरकार के न्यूनतम वेतन अधिनियम और नियमों का अनुपालन करें।

You are requested to comply with the provisions of Contract Labour (Regulation & Abolition) Act of 1970 and Contract Labour (Regulation & Abolition) Central rules 1971 and Minimum Wages Act & Rules thereof Central and State Government.

- आपको निर्देश दिया जाता है कि आप तुरंत प्रबंधक (अभि.-विद्युत), भाविप्रा, दे.अ.बा.हो. विमानतल, इन्दौर से मिलें वह आपको साइट सौंपने की व्यवस्था करेंगे। कृपया नोट कर लें कि काम करने का अनुमानित समय 04 (चार) माह है जो कि इस पत्र के जारी करने के 10 दिन बाद से गिना जाएगा।

You are also directed to contact Manager (Engg-E), AAI, DABH Airport Indore immediately who will arrange to hand over the site to you. Please note that the time allowed for carrying out the work is 04 (Four) Months which shall be reckoned from the 10<sup>th</sup> day after issue of this Letter.

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6. इस ठेके के संबंध में आगे कोई भी पत्राचार सहायक महाप्रबंधक (अभि.-विद्युत), भा.वि.प्रा., दे.अ.बा. हो. विमानतल, इन्दौर म.प्र.-452005 के पते पर किया जाए।

**Any further correspondence in connection with this contract should normally be addressed to Assistant General Manager (Engg. -E), AAI, D.A.B.H. Airport, Indore, M.P.- 452005.**

7. उपरोक्त संदर्भित सभी पत्र इस ठेके का भाग होंगे।

**All letters referred above shall form part of contract.**

8. ठेका दस्तावेज की शर्तों के अनुसार त्रुटि दायित्व अवधि 12 (बारह) माह होगी।

**The Defects Liability Period will be 12 (Twelve) Months as per terms of Contract.**

9. कृपया पावती भेजें एवं आपकी स्वीकृति के प्रतीक के रूप में इस कार्य आदेश की डुप्लीकेट प्रति पर हस्ताक्षर कर अधोहस्ताक्षरी को पुनः भेजने का कष्ट करें।

**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.**

10. यदि अंग्रेजी और हिंदी पाठ में कोई अंतर पाया जाता है तो अंग्रेजी विवरण सही माना जायेगा।

**If there is any discrepancy between English and Hindi, then meaning derived in English will be given precedence.**

धन्यवाद / Thanking You,

संलग्न / Enclosure: 1) Schedule 'A' - 03 Pages.

भवदीय / Yours Faithfully,

  
03/06/2025

सहायक महाप्रबंधक (अभि.विद्युत),  
Asstt. General Manager (Engg-Elect)  
भा.वि.प्रा. इन्दौर विमानतल, इन्दौर  
AAI, D.A.B.H. AIRPORT, INDORE



भारतीय विमानपत्तन प्राधिकरण  
AIRPORTS AUTHORITY OF INDIA

देवी अहिल्याबाई होलकर विमानपत्तन, इंदौर-452 005

(आई.एस.ओ.9001:2015 आई.एस.ओ.14001: 2015 एवं आई.एस.ओ. 45001:2018 प्रमाणित विमानतल)  
DEVI AHILYA BAI HOLKAR AIRPORT, INDORE-452 005  
(ISO 9001:2015, ISO 14001: 2015 & ISO 45001: 2018 Certified Airport)

आंतरिक वितरण / Internal Distribution :

1. विमानपत्तन निदेशक भा.वि.प्रा., दे.अ.बा.होलकर विमानतल, इन्दौर।  
Airport Director, AAI, D.A.B.H. Airport, Indore.
2. उप महाप्रबंधक (अभि.-सिविल), भा.वि.प्रा., दे.अ.बा.होलकर विमानतल, इन्दौर।  
Dept. General Manger (Engg.-Civil), AAI, D.A.B.H. Airport, Indore.
3. उप महाप्रबंधक (अभि.-वि.), भा.वि.प्रा., दे.अ.बा.होलकर विमानतल, इन्दौर।  
Dept. General Manger (Engg.-Elect.), AAI, D.A.B.H. Airport, Indore.
4. प्रभारी (वित्त), भा.वि.प्रा., दे.अ.बा.होलकर विमानतल, इन्दौर।  
In-charge (Finance), AAI, D.A.B.H. Airport, Indore.
5. प्रबंधक (अभि-विद्युत), भा.वि.प्रा., दे.अ.बा.होलकर विमानतल, इन्दौर।  
Manager. (Engg. Elect.), AAI, D.A.B.H. Airport, Indore.
6. कनिष्ठ कार्यपालक, (अभि-विद्युत) भा.वि.प्रा., दे.अ.बा.होलकर विमानतल, इन्दौर।  
JE (Engg. Elect.), AAI, D.A.B.H. Airport, Indore.
7. कार्य फाईल/ Work file
8. अनुबंध/Agreement

03/06/2025

सहायक महाप्रबंधक (अभि.विद्युत),  
Asstt. General Manager (Engg-Elect)  
भा.वि.प्रा. इन्दौर विमानतल, इन्दौर  
AAI, D.A.B.H. AIRPORT, INDORE

## SCHEDULE OF QUANTITY

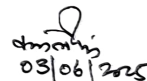
**Name of work:- Provision of Runway Turn pad Lights and other associated work at D.A.B.H Airport, Indore.**

| Item No. | Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Unit | Qty  | Rate (Rs.) | Amount (Rs.) |
|----------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|------|------------|--------------|
| 1        | Supply of FAA Certified Inset type medium intensity Unidirectional Centerline 8 inch dia. Turn Pad light fitting (Green) for aviation visual aids requirements complete with shallow base and matching body of the fitting, inner body of the fitting, inner body and outer cover made of die cast aluminium complete with LED Lamp 6.6 Amps current with connected heat resistant accessories, prism assembly, optical assembly, "O" ring seal, pressure relief test plug, hardware, lenses and all standard accessories and ready for site installation complete with all accessories as required.                                                                                                                                                              | Each | 196  | 34182.78   | 6,699,824.51 |
| 2        | Supply of Indoor type air cooled Constant Current Regulator (CCR) of micro processor controlled, thyristor type suitable for operation on 230/240 V AC $\pm$ 10%, 50 Hz input AC supply with 5 steps variation of current output (2.8, 3.4, 4.0, 5.2 and 6.6 Amp) and able to communicate with PC/ PLC controlled system with digital output anmeter (0-10 Amps), over current, over voltage, open circuit and earth fault protection and earth leakage meter, two stage earth leakage detector, positive back indication equipments, hours run counter, LED display complete as required for the following rating and conforming to technical specifications suitable for communication on Airfield Lighting Control and Monitoring System (ALCMS)<br>2.5 KW CCR | Each | 4    | 147455.12  | 589,820.49   |
| 3        | Supply of 2 x 2.5 sqmm secondary lead made out of multi stranded copper conductor EPR insulated & PCP sheathed, anti termite & rodent treated 1.1 KV grade underground cable etc. complete as required.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Mtr  | 6100 | 201.08     | 1,226,558.51 |
| 4        | Supply of 6 sq.mm 5 KV grade Single Core unarmoured Primary Circuit Cable with Stranded Annealed Plain Copper Conductor, XLPE insulated and Polyethylene (PE) sheathed, Cable for airfield lighting conforming to IS 1554 (part-2/ IS 7098(part-2) and as per technical specification etc. as required.                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Mtr  | 7000 | 93.84      | 656,845.54   |
| 5        | Supply of 2 Core 6 sq.mm 5 KV grade, copper conductor, PVC sheathed underground airport lighting cable with anti-rodent and anti-termite treatment generally conforming to IS 1554 (part-2/ IS 7098(part-2) with up-to-date amendment etc. and as per technical specification complete etc. as required.                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Mtr  | 6400 | 201.08     | 1,286,881.06 |
| 6        | Supply of 6 sqmm, 5 KV grade plug and receptacle of type I, class 'B' connector and suitable field attachment with 5 KV grade XLPE insulated, PE sheathed, single core copper conductor cable as required and conforming to technical specifications.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Nos. | 200  | 402.15     | 80,430.07    |
| 7        | Supply of 1.1 KV grade plug & receptacle (Essna Connector) of type II class B connector & suitable for field attachment with 1.1 KV grade PVC insulated and PVC sheathed 2 core 2.5 sqmm copper conductor cable etc. complete as required and conforming to technical specifications.                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Nos. | 200  | 435.66     | 87,132.57    |
| 8        | Supply of 45Watt 6.6/6.6 Amps completely enclosed isolating transformer encapsulated in polyster resin finally moulded in neoprene rubber for use of 6.6 amps series airport lighting circuits having nominal voltage rating of 5KV and all rated for operation on 50 Hz. The transformer shall be water tight and shall be designed for direct burial in the earth or installation in a base confirming to specification as required.                                                                                                                                                                                                                                                                                                                            | Each | 200  | 3016.13    | 603,225.50   |

| Item No.                                                 | Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Unit | Qty   | Rate (Rs.) | Amount (Rs.) |
|----------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-------|------------|--------------|
| 9                                                        | Supply of Cast iron Isolating Transformer housing box, water tight round type, metal container of outside dia 330 mm, height 450 mm made of 10 mm thick cast iron moulding all round, except the top surface, which is 15 mm thick cast iron moulding suitable to receive a light fitting base plate/cover plate on the top and underground housing associated with transformer power cable and having three/two/one nos holes as per site requirement on the periphery centre, 75 mm above bottom surface suitable to receive 50 mm HDPE pipes as required . The box should have two SS earth bolts of M10 x 40 mm tapped inside near the hole (4" away from the hole centre) and having a drain hole at the bottom suitably tapped to receive 15 mm dia, 'B' class GI pipe and having clear opening of 220 mm at the top surface and 6 Nos. M10 tapped hole having centre to center distance of 260 mm alongwith bolts as required as per the drawings. The CI top cover of 310 mm dia x 15 mm thick with suitable rubber gasket and 6 Nos. M10 tapped hole and bolts as required. | Each | 81    | 4356.63    | 352,886.92   |
| 10                                                       | Supply of following sizes high density polyethylene (HDPE) PE 63, PN06 pipe conforming to IS 4984 with up to date amendment as required.<br>40mm Outer Dia.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Each | 5800  | 46.92      | 272,121.72   |
| 11                                                       | Supplying of 63 mm dia (OD-63 mm & ID-51 mm nominal) DWC HDPE pipe along with all accessories like socket, bend, couplers, seal rings etc. conforming to IS 16205, Part 24 complete etc., complete as required.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Mtr. | 9900  | 60.32      | 597,193.24   |
| 12                                                       | Supply of 10 mm thick MS Plate suitable for mounting on the existing C.I. box , of outside dia 330 mm with 6 Nos. M-10 hole at hole centre of 260mm to receive bolts as required.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Each | 88    | 804.30     | 70,778.46    |
| <b>HEAD-II INSTALLATION, TESTING &amp; COMMISSIONING</b> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |      |       |            |              |
| 13                                                       | Installation, testing and commissioning of inset type turn-pad centerline light by core cutting in the bituminous runway pavement. fixing the shallow base of 8 inch with dobefil and hardener. Installation of isolating transformer, crimping/ jointing of plug & receptacles, laying of secondary leads in existing HDPE pipe, connections, earthing etc. complete as required and includes supply of all materials excluding fixture, shallow base, secondary lead, isolating transformer and plug & receptacles.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Job  | 176   | 2681.00    | 471,856.39   |
| 14                                                       | Kerfs cutting with machine in runway/taxiway of concrete/bituminous surface of suitable depth of 150mm and width of 80 mm laying of 01 no. HDPE pipe up to 50mm, refilling and finishing the surface with suitable sealing material complete etc. as required.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Mtr. | 5600  | 435.66     | 2,439,712.01 |
| 15                                                       | Installation of CI housing box of size 330 mm dia and 450 mm deep/c cutting/ excavation of surface/earth, providing one no, 250 mm long 15 mm dia 'B' class GI pipe in the bottom surface for drainage of water etc., cutting & threading of pipe./c leveling of housing box with suitable instrument etc, painting of box with one coat of primer and two coats of black enamel paint and installation of housing box in soil providing base cement concrete of 1:3:6 of size 630 x 630 x 100 mm thick, and PCC of 1:2:4 all around the housing box of width not less than 150 mm and pedestal of 0.30 mtr. and 0.10 mtr. thick all around the box making suitable slop to level of runway all around the housing box, painting, lettering, numbring etc /c disposal of excavated earth, debris/malba and making good the same as original complete as required.                                                                                                                                                                                                                    | Each | 88    | 2345.88    | 206,437.17   |
| 16                                                       | Laying of up to 63 mm dia HDPE/DWC HDPE pipe 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.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Mtr  | 4000  | 20.11      | 80,430.07    |
| 17                                                       | Laying/fixing of 1 no. additional DWC HDPE Pipe of size upto 63 mm OD along with all accessories like sockets, bends, couplers, shaddles etc. complete with fitting, cutting and jointing etc. in existing trench complete as required.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Mtr  | 5000  | 80.43      | 402,150.33   |
| 18                                                       | Laying of one number XLPE insulated and PE sheathed primary circuit cable of upto 5 KV grade of following size in the existing RCC/ HUME/ METAL pipe/ HDPE Pipe/ Open masonry duct etc. as required.<br>Up to Dia Size of 3Cx35 sqmm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Mtr  | 12100 | 20.11      | 243,300      |

| Item No.                     | Description                                                                                                                                                                                                                                                                                                                                                                                                                       | Unit | Qty  | Rate (Rs.) | Amount (Rs.)       |
|------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|------|------------|--------------------|
| 19                           | Earthing with 'B' class G. I. earth pipe 4.5 mtrs. long x 40 mm dia i/c accessories and providing masonry enclosures with cover plate having locking arrangement & watering pipe etc. i/c charcoal/ coke and salt complete as required.                                                                                                                                                                                           | Nos. | 12   | 6702.51    | 80,430.07          |
| 20                           | Supply and fixing 6 SWG G. I. wire on surface or along with primary AFL Cable for loop earthing i/c necessary connection with isolating transformer housing box etc. complete as required.                                                                                                                                                                                                                                        | mtr. | 3100 | 20.11      | 62,333.30          |
| 21                           | Supply of green color single core 2.5 Sq.mm PVC insulated copper conductor earth wire complete as required.                                                                                                                                                                                                                                                                                                                       | mtr. | 6700 | 80.43      | 538,881.44         |
| 22                           | Installation, Testing & Commissioning of CCR of capacity 2.5 KW including termination of incoming and outgoing power and control cable, inter connection, making suitable size of PCC foundation, earthing & shifting, transportation, loading & unloading from store to CCR Room etc. complete as required i/c providing remote cable approx 30mtr. laying integration with existing ALCMS modification as per site requirement. | Each | 4    | 6702.51    | 26,810.02          |
| 23                           | Making field connection by crimping of 6 sq. mm plug & receptacle with existing 6 sq. mm single core copper conductor primary airfield cable i/c filling the gap with water sealant material applying HTPVC insulation tape etc. complete as required.                                                                                                                                                                            | set  | 190  | 268.10     | 50,939.04          |
| 24                           | Excavation of the cable trenches in hard rock not exceeding 1.5 metres in width, and lift upto 1.5 metres, including getting out the excavated soil and disposal of excavated soil as directed within a lead of 50 metres.                                                                                                                                                                                                        | Cum  | 15   | 1005.38    | 15,080.64          |
| <b>Total (Excluding GST)</b> |                                                                                                                                                                                                                                                                                                                                                                                                                                   |      |      |            | <b>17142060.00</b> |

**(Rupees One Crore Seventy One Lakh Forty Two Thousand Sixty Only)**

  
 03/06/2025  
**Assistant General Manager (E-E)**  
**AAI, DABH, Airport, Indore.**