



संख्या: एएआई/एजीटी/इंजी(इ)/का.आ.-11/2024-25

दिनांक/Date: 01/01/2025

No.: AAI/AGT/ENGG(E)/W.O-11/2024-25

सेवा में / To,

**M/s Vardhman Airports Solutions Pvt. Ltd.
1st & 2nd Floor, Plot No. 13/C & 13/3,
Rama Road Side, Industrial Area,
Najafgarh Road, Delhi-110015, India**

कार्य का नाम/Name of Work: एम.बी.बी. एयरपोर्ट अगरतला पर गार्ड लाइट और इनसेट टाइप एप्रन एज लाइट का प्रावधान / Provision of Guard Lights and Inset Type Apron Edge Light at M.B.B Airport Agartala.

संदर्भ /Ref : Tender ID No./ निविदा संख्या - 2024_AAI_213053_1

महोदय/Dear Sir,

ऊपर उल्लेखित कार्य हेतु आपका निविदा, भारतीय विमानपत्तन प्राधिकरण के अध्यक्ष की ओर से, आपके द्वारा मद मूल्यों पर उद्धृत राशि कुल रु. 44,35,500/- (रु. चौवालीस लाख पैंतीस हजार पांच सौ मात्र) (वस्तु एवं सेवा कर रहित), जो कि निविदा की अनुमान/उचित राशी रु. 82,60,822/- से 46.31% प्रतिशत नीचे है, 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 **Rs. 44,35,500/-** (Rupees Forty Four Lacs Thirty Five Thousand and Five Hundred only) (excluding GST), which is 46.31% below the Estimated/Justified cost put to tender of **Rs. 82,60,822/-**.

वरिष्ठ प्रबंधक (अभि-विद्युत), भा.वि.प्रा, एमबीबी हवाई अड्डा, अगरतला इस कार्य के प्रभारी-अभियंता होंगे। आपसे निवेदन है कि कार्यालये पर हस्ताक्षर करने के लिए दिनांक 15-01-2025 तक एमबीबी हवाई अड्डा, अगरतला के कार्यालय में उपस्थित हों। ठेके का कार्यालया रु. 100/- (रु. एक सौ) मात्र के गैर न्यायिक स्टैम्प पेपर पर निष्पादित किया जाएगा तथा पेपर का खर्च आपके द्वारा वहन किया जाएगा।

Sr. Manager (Engg-E), AAI, MBB Airport, Agartala shall be the Engineer-In-Charge of the work. You are requested to attend the office of the Sr. Manager (Engg-E), AAI, MBB Airport, Agartala by **15-01-2025** to sign and complete the agreement. The contract agreement shall be executed on a non-judicial stamp paper of value **Rs.100/-** (Rupees One hundred only) and the cost of the stamp paper shall be borne by you.

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भारतीय विमानपत्तन प्राधिकरण
Airports Authority of India



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आपके निविदा के साथ प्राप्त बयाना राशी रु. 1,65,216/- (रुपये एक लाख पैंसठ हजार दो सौ सोलह मात्र) ठेके के दस्तावेज पर दी गई खण्ड 1(A) के अनुसार सुरक्षा जमा राशि परिवर्तित कर दी गई है। कृपया इस पत्र के जारी होने की तिथि से 10 दिनों के भीतर सुरक्षा जमा राशि की बकाया रु. 2,78,334/- (रुपये दो लाख अठहत्तर हजार तीन सौ चौतीस मात्र) अदा की जाए अन्यथा निविदा दस्तावेज की जीसीसी के खण्ड 1(A) के अनुसार उक्त राशी आपके रनिंग बिल से कटौती की जाएगी।

The earnest money deposit amount of **Rs. 1,65,216/-** (Rupees One Lakh Sixty Five Thousand Two hundred and Sixteen only) received along with your tender will be treated and converted as part of security deposit as per clause 1(A) of tender contract document. Please deposit **Rs. 2,78,334/-** (Rupees Two Lacs Seventy Eight Thousand Three Hundred and Thirty Four 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 bill as per clause 1(A) under GCC of the contract document

आपसे अनुरोध है कि आप संविदा श्रम (विनियमन एवं उन्मूलन) अधिनियम 1970 तथा संविदा श्रम (विनियमन एवं उन्मूलन) केन्द्रीय नियम 1971, न्यूनतम मजदूरी अधिनियम, बाल श्रम (निषेध एवं विनियमन) अधिनियम 1986, श्रमिकों का निर्माण (रोजगार का विनियमन एवं सेवा शर्त) अधिनियम 1996, भवन एवं अन्य निर्माण श्रमिक कल्याण उपकर अधिनियम 1996 के प्रावधानों का अनुपालन करें, जैसा कि निविदा की जी.सी.सी. की धारा 19 तथा केन्द्रीय एवं राज्य सरकारों के नियमों में निर्दिष्ट है।

You are requested to comply with the provisions of contract labour (Regulation and abolition) Act 1970 and Contract labour (Regulation and abolition) Central rules 1971, Minimum wages Act, Child labour (Prohibition & Regulation) Act 1986, Construction of workers (Regulation of Employment and Condition of Service) Act 1996, Building and other construction Workers Welfare Cess Act 1996 as specified in Clause 19 of GCC of tender and rules of Central and State Governments.

आपको निर्देश दिया जाता है कि आप तुरंत सहायक प्रबंधक (अभि-विद्युत), भा.वि.प्रा, एमबीबी हवाईअड्डा, अगरतला से सम्पर्क करें वह आपको साईट सौंपने की व्यवस्था करेंगे।

You are also directed to contact Asstt. Manager (Engg-E), AAI, MBB Airport, Agartala, immediately who will arrange to hand over the site to you.

कृपया ध्यान दें कि काम करने का अनुमत समय 04 (चार) महीना है जो कि कार्य आदेश के जारी करने के बाद दस (10) वें दिन से गिना जाएगा।

Please note that the time allowed for carrying out the work is **04 (Four) months**, which shall be reckoned from 10th day after issue of this order.

दोष दायित्व अवधि कार्य पूरा होने और एएआई द्वारा प्रणाली को सौंपने और स्वीकार करने की तारीख से 12 महीने होगी।

The Defect Liability Period shall be 12 months from the date of completion of the work and handing over and acceptance of the system by AAI.

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इस ठेके के संबंध में आगे का कोई भी पत्राचार प्रभारी-अभियंता को किया जाएगा।

Any further correspondence in connection with the contract should normally be addressed to the Engineer-in-charge.

कृपया पावती भेजें और स्वीकृति प्रतीक के तौर पर संलग्नित पत्र की हस्ताक्षरित प्रति इस कार्यालय को अवश्य भेजें।

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.

यदि अंग्रेजी और हिंदी के बीच कोई विसंगति हो तो अंग्रेजी में व्युत्पन्न अर्थ को वरीयता दी जाएगी।

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

भवदीय/ Yours faithfully,

संलग्न/Encl: Bill of Quantities

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Chandan
01/01/2025
(चंदन कुमार /Chandan Kumar)

वरिष्ठ प्रबंधक (अभि-विद्युत)/Sr.Manager(Engg-E),
कृते तथा अध्यक्ष, भारतीय विमानपत्तन प्राधिकरण की ओर से।

For and on behalf of Chairman,
Airports Authority of India.

SCHEDULE OF QUANTITY

Name of Work : Provision of Guard Lights and Inset Type Apron Edge Light at M.B.B Airport Agartala.

Sl. No.	Description of Items	Qty	Unit	Rate	Amount
1	Supply of FAA/ ICAO/ DGCA-CAR compliant LED based elevated type high intensity uni-directional flashing Runway Guard light(yellow) fixture complete with LED lamp/s, integral electronics driver, all accessories for mounting and fixing on a 330 mm dia CI transformer housing box suitable for operation with existing 2.8 - 6.6 Amps Circuit & CCRs conforming to latest ICAO/ CAR requirement as per specifications complete as required.	16.00	Each	140000.00	22,40,000.00
2	Supply of FAA/ ICAO/ DGCA-CAR compliant LED based inset type medium intensity omni-directional taxiway light (blue) fixture complete with LED lamp/s, integral electronics driver, all accessories i/c stainless steel nut bolts, Shallow base suitable for operation with existing 2.8 - 6.6 Amps current taxiway Circuit & CCRs conforming to latest ICAO/ CAR requirement as per specifications complete as required.	8.00	Each	38000.00	3,04,000.00
3	Supply of C.I. Transformer Housing Box, water tight, round shape of outside dia 330 mm, height 450 mm made of 10 mm thick all round including base and except top surface which is 15 mm thick having a clear opening of 220 mm at the top surface and 6 Nos. M10 tapped holes at the hole centre of 260 mm to receive light fittings base plate and bolts. The box shall have 2 nos. of clear holes on the opposite housing box walls at minimum 75 mm above the base to receive 63 mm dia HDPE pipe. The box shall have two earth bolts of M10 X 30 mm inside the box (near the 63 mm dia holes) at 100 mm above from the base. A drain hole shall be provided at the centre of the bottom suitably tapped to receive 15 mm dia, B class GI pipe. The C.I. mould of foundry grade pig iron shall conform to latest IS.	35.00	Each	6500.00	2,27,500.00
4	Supply of C.I. housing Collar, water tight, round shape of outside dia 330 mm, height 150 mm made of 10 mm thick all round including base and except top surface which is 15 mm thick having a clear opening of 220 mm at the top surface and 6 Nos. M10 tapped holes at the hole centre of 260 mm to receive light fittings base plate and bolts. The box shall have 01 no. of clear hole on the wall at at just above the base to receive 40 mm dia HDPE pipe. A drain hole shall be provided at the centre of the bottom suitably tapped to receive 15 mm dia, B class GI pipe. The C.I. mould of foundry grade pig iron shall conform to latest IS.	16.00	Each	3500.00	56,000.00
5	Supply of 1 X 6 sqmm, 5 kV grade, XLPE insulated, PVC sheathed, single core, multi stranded annealed copper conductor, unarmoured air field lighting cable with insulation having anti-rodent and anti-termite properties conforming to IS:7098 part-II with upto date amendments.	600.00	Mtr.	120.00	72,000.00
6	Supply of 2 X 4 sqmm, 1.1 kV grade, unarmoured secondary lead cable made out of multi stranded copper conductor, EPR insulated & PCP/ TCP/ CPE sheathed cable with insulation having anti-termite & anti-rodent properties.	800.00	Mtr.	185.00	1,48,000.00

Sl. No.	Description of Items	Qty	Unit	Rate	Amount
7	Supply of 6 sqmm, 5 kV grade Plug and receptacle, Type-I, Class 'B' connector suitable for field attachment with 5 kV grade XLPE insulated, PVC sheathed, single core copper conductor cable as required.	24.00	Each	400.00	9,600.00
8	Supply of 1.1 kV grade Plug and receptacle, Type-II, Class 'B' connector suitable for EPR insulated PCP sheathed secondary lead of size 2 x 4 sq.mm.	20.00	Each	500.00	10,000.00
9	Supply of following rating Isolating transformer, 5 KV grade, 50 Hz, completely enclosed encapsulated in polyester resin moulded with neoprene/ santoprene type rubber, water tight and designed for direct burial in the earth or installation in housing box as required.				
(a)	6.6 A/ 6.6 A, 45 W	16.00	Each	3400.00	54,400.00
(b)	6.6 A/ 6.6 A, 15 W	8.00	Each	2800.00	22,400.00
10	Supply of following dia ISI marked HDPE pipe of rating PE-80, PN-10 and conforming to IS: 4984 upto latest amendments and provided with end caps, couplers etc complete as per requirement.				
(a)	40 mm OD	800.00	Mtr.	100.00	80,000.00
(b)	63 mm OD	600.00	Mtr.	170.00	1,02,000.00
11	Installation, Testing and Commissioning of Guard Light Fitting (BOQ Item 1) as per aviation visual aids requirements by fixing of Base Plate, termination of secondary connection, alignment etc complete as required for commissioning.	14.00	Each	100.00	1,400.00
12	Installation, Testing and Commissioning of inset type LED fitting (BOQ Item 2) as per aviation visual aids requirements including core cutting in the bituminous/ hard surface of suitable size for fixing the shallow base, alignment of shallow base, providing sealing compound and making necessary connections etc as required for commissioning.	6.00	Each	5250.00	31,500.00
13	Installation of C.I. Transformer housing box in cement concrete foundation including excavation of soil, providing 100 mm thick 1:3:6 base concrete (1 cement : 3 coarse sand : 6 graded stone aggregate 20 mm nominal size) of size 630 mm x 630 mm, providing cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size) 150 mm thick all around the housing box except at the top and bottom, top sloping with cement concrete of 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 10/20 mm nominal size) as per requirement, providing 1 no. 300 mm long, 15 mm dia, B class GI pipe for drain, refilling disposing off surplus earth etc complete as required.	32.00	Each	2800.00	89,600.00
14	Installation of C.I. Housing Collar after excavation of hard concrete surface/ bituminous surface at the runway shoulder, levelling, proper alignment for fixing elevated light and providing all round cement concrete of 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size) of 50 mm thick including bottom but excluding top, top sloped with cement concrete of 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 10/20 mm nominal size) including fixing 1 no. 40 mm dia HDPE pipe inside collar for secondary lead cable, smoothening the top surface with cement etc complete as required.	14.00	Each	1500.00	21,000.00
15	Making field connections by crimping 6 Sq.mm plug and receptacle with the existing 6 Sq.mm single core XLPE insulated and PVC sheathed copper conductor cable including sealing with HT tape and PVC insulation tape of reputed make as per direction of E-I-C etc complete as required.	24.00	Each	150.00	3,600.00

Sl. No.	Description of Items	Qty	Unit	Rate	Amount
16	Making connection of secondary connectors of size 2 x 4 Sq.mm with existing secondary lead at both ends as required.	20.00	Each	150.00	3,000.00
17	Cutting groove of size 150 mm wide and 150 mm deep (or as required) with saw cut machine, refilling and finishing the surface with coarse sand and bitumen or cement concrete 1:2:4 (1 cement: 2 coarse sand: 4 graded stone aggregate 10/20 mm dia nominal) etc complete as required.	400.00	Mtr.	450.00	1,80,000.00
18	Excavation for cable trenches of width 35 cm and depth of 80 cm in soil, getting out the excavated soil, dressing of sides, refilling the trench with excavated soil after laying of HDPE pipe, ramming, watering and disposal of surplus excavated soil as directed, within a lead of 150 metres or as directed by the Engineer-in-charge.	1000.00	Mtr.	150.00	1,50,000.00
19	Laying of HDPE pipes upto 63 mm dia complete with fitting, cutting, jointing with coupler, bend etc.in the existing trench complete as required at site.	1400.00	Mtr.	70.00	98,000.00
20	Laying of one no following size and voltage grade cables in the existing RCC/ HUME/ STONEWARE/ METAL/ DWC/ HDPE pipe as required.				
(a)	Upto 25 sqmm and upto 5 kV grade	1400.00	Mtr.	15.00	21,000.00
21	Providing and laying of 1 X 4 sq.mm FRLSH, PVC insulated copper conductor single core wire for end to end termination for earthing, preferably green colour in existing HDPE pipe.	800.00	Mtr.	60.00	48,000.00
22	Providing and making 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.	16.00	Job	8000.00	1,28,000.00
23	Providing and laying earth connection from earth electrode with 6 SWG dia G.I. wire in 15 mm dia G.I. pipe medium class from earth electrode including connection with G.I. thimble excavation and re-filling as required.	50.00	Mtr.	250.00	12,500.00
24	Providing and fixing 6 SWG dia GI wire on surface or in recess for loop earthing along with the existing HDPE/ GI Pipe as required.	600.00	Mtr.	25.00	15,000.00
25	Demolishing cement concrete manually/ by mechanical means including disposal of material within 150 metres lead of nominal cement concrete 1:3:6/ 1:2:4 or richer mix (i/c equivalent design mix) as per direction of Engineer-in-charge.	10.00	Cum	1700.00	17,000.00
26	Providing and laying in position cement concrete of specified grade of 1:2:4 (1 cement : 2 coarse sand (zone-III) : 4 graded stone aggregate (20 mm/ 10 mm nominal size).	10.00	Cum	7000.00	70,000.00
27	Supply and Installation of Cable Route Marker of top size 40 cm X 40 cm and having bottom size 60 cm X 60 cm and height 40 cm, made of cement concrete of 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size), excavation of soil to a depth upto 40 cm, refilling etc. The concrete route marker to top finished with inscription of words complete as approved by Engineer-in-charge.	100.00	Each	2200.00	2,20,000.00

Total Rs. 44,35,500.00

(Rupees Forty Four Lakh Thirty Five Thousand and Five Hundred only)

Chandan
01/01/2025
Sr. Manager (Engg.-E)
AAI, M.B.B Airport, Agartala

Signature Not Verified

Digitally signed by CHANDAN KUMAR
Date: 2025.08.01 13:16:58 IST
Location: eProcurement System for Central PSUs