

संदर्भ: भाविप्रा/पुणे/अभि(वि)/साइनेज/सीडब्लू-01/2023-24/ 629

दिनांक: 06.06.2023

सेवा में,
मैसर्स. मनीष इलेक्ट्रिकल्स,
कल्पना नगर सीपी कॉलोनी 7 नंबर चौराहा मोरार
ग्वालियर 474006 के पास।
ई-मेल आईडी: manishelectricals21@gmail.com
मो.- 9425109887

To,
M/s Manish Electricals,
Kalapana nagar C P colony Near 7 No
Chouraha Morar Gwalior 474006.
E-mail Id:
manishelectricals21@gmail.com
Mob.- 9425109887

कार्य आदेश / AWARD LETTER

कार्य का नाम : पुणे हवाईअड्डे पर हवाईअड्डे/एयरफील्ड संकेतकों में वृद्धि/बदलाव.

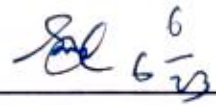
Name of Work: Additions/alterations of airport/airfield signages at Pune Airport.

आपका टेंडरआयडी नं.: 2023_AAI_151337_1 की वित्तीय बोली दिनांक 26.05.2023. को खोली गई।

Your tender ID No: 2023_AAI_151337_1 Financial Bid Opened on 26.05.2023.

महोदय/ Dear Sir,

- ऊपर उल्लेखित कार्य हेतु आपका टेंडर अध्यक्ष, भारतीय विमानपत्तन प्राधिकरण की ओर से स्वीकृत किया जाता है, आपके द्वारा बताए गए मद मूल्यों पर आपकी टेंडर राशि कुल **₹. 15,38,550.00 (Excluding GST)** (पंद्रह लाख अड़तीस हजार पांच सौ पचास मात्र) है जो कि टेंडर की जस्टीफ़ायड राशि **₹. 15,15,819.00 (Excluding GST)** से 1.50 % उपर 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 15,38,550.00 (Excluding GST)** (Rupees Fifteen lakh thirty eight thousand five hundred and fifty Only) which is 1.50 % above the justified Cost put to tender of Rs. 15,15,819.00 (Excluding GST).
- संयुक्त महाप्रबंधक, अभि (विद्युत), भाविप्रा पुणे विमानक्षेत्र कार्य के प्रभारी अभियंता होंगे। आपसे निवेदन है कि आप आपकी ओर से एक विश्वसनीय प्रतिनिधि नियुक्ति करें जो करार नामे पर हस्ताक्षर करने के लिए अधिकृत हो। तथा वह दिनांक **21.06.2023** तक संयुक्त महाप्रबंधक, अभि(विद्युत), पुणे एयरपोर्ट के कार्यालय में उपस्थित हो तथा करार नामे को पूरा करें। ठेके का करार नामा **₹. 100/-** नानज्यूडिसियल स्टम्प पेपर पर निष्पादित किया जाएगा तथा पेपर का खर्च आपके द्वारा उठाया जायगा।
- Jt.G.M. (Engg-E), AAI, Pune Airport 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 Jt.G.M. (Engg-



E), AAI, Pune Airport by **21.06.2023** 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.

3. आपके टेंडर के साथ प्राप्त धरोदर राशि **30,316.00** (तीस हजार तीन सौ सोलह रुपये मात्र) ठेके के दस्तावेज के सामान्य शर्तों के अंतर्गत पृष्ठ संख्या GCC-16 पर शर्त न. 1A के अनुसार जमानत राशि में परिवर्तित कर दी गई है। कृपया इस पत्र के जारी होने की तिथि से 10 दिनों के भीतर जमानत राशि की बकाया रु. **1,23,539.00** (एक लाख तेईस हजार पांच सौ उनतीस रुपये मात्र) अदा की जाए अन्यथा निविदा दस्तावेज के कंडीशन 1A पेज संख्या GCC-16 के अनुसार उक्त राशि रनिंग बिल से कटौती की जाएगी।

डी.एल.पी.: डीफेक्ट लाईबिलिटी पीरियड संतोषजनक ढंग काम पूरा होने की प्रमाणित तिथि से 12 महीने है।

3. The earnest money amount of **30,316.00** (Rupees Thirty Thousand three hundred and sixteen Only) received along with your tender will be treated and converted as part of security deposit as per clause 1A on page no. GCC-16 of tender document. Please deposit **1,23,539.00** (Rupees One Lakh twenty three thousand five hundred thirty nine 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 condition 1A on page no. GCC-16 of the contract document.

DLP: Defect's Liability period is 12 months from the certified date of work completion.

4. आपसे निवेदन है कि आप केंद्रीय और राज्य सरकारों 1970 के अधिनियम अनुबंध श्रम नियम तथा 1971 के केंद्रीय नियम (नियमन तथा उन्मूलन) एवं केंद्र तथा राज्य सरकार के न्यूनतम वेतन अधिनियम और नियमों के प्रावधान का अनुपालन करें।
4. You are requested to comply with the provisions of contract labour (Regulation and abolition) Act of 1970 and contract labour (Regulation & abolition) Central rules 1971 and minimum wages Act & rules thereof central and state Governments.
5. आपको निर्देश दिया जाता है कि आप तुरंत प्रबंधक (अभि-विद्युत), भाविप्रा, पुणे विमानक्षेत्र से मिले वह आपको साइट सौंपने की व्यवस्था करेंगे।
5. You are also directed to Contact Manager (Engg-E), AAI, Pune Airport, immediately who will arrange to hand over the site to you.
6. कृपया नोट कर लें कि काम पूरा करने का अवधि तीन (03) माह दिनांक **16.06.2023** से **15.09.2023** तक गिना जायगा.
6. Please note that the time allowed for carrying out the work is three (03) months, which shall be reckoned from the date **16.06.2023 to 15.09.2023**.

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7. इस ठेके के संबंध में आगे का कोई भी पत्राचार प्रबंधक (अभि-विद्युत), भाविप्रा, पुणे विमानक्षेत्र के पते पर किया जाए।
7. Any further correspondence in connection with the contract should normally be addressed to the Manager (Engg-E), AAI, Pune Airport.
8. कृपया पावती भेजें।
8. Please acknowledge the receipt.

यदि अंग्रेजी और हिन्दी पाठ में कोई अंतर पाया जाता है तो अंग्रेजी विवरण सही माना जाएगा.
If there is any discrepancy between English and Hindi then meaning derived in English will be given precedence.

धन्यवाद/Thanking You,

भवदीय / Yours faithfully,

सं.म.प्र. (अभि-विद्युत)/Jt. GM. (Engg-E),

कृते तथा ओर से, अध्यक्ष, भारतीय विमानपत्तन प्राधिकरण,
For and on behalf of Chairman, Airports Authority of India.

संलग्न/Encl: Schedule of Quantity.



भारतीय विमानपत्तन प्राधिकरण, पुणे हवाई अड्डा

AIRPORT AUTHORITY OF INDIA

PUNE AIRPORT, PUNE-411032.

SCHEDULE OF QUANTITIES

Name of work : - Additions/alterations of airport/airfield signages at Pune Airport.

S.N.	Description of Work / Item(s)	No. of Qty	Units	Rate	Amount
1.00	Supply of LED type Airfield Guidance Sign Board suitable for operations on 5 KV, 50 Hz, 2.8 Amps to 6.6 Amps through isolating transformer of various sizes made out of anodized 2 mm thick Aluminium frame with suitable angle support and 1.5 mm thick al. backcover, 4 mm thick polycarbonate sheet with glare free front face, the letter & symbol (as directed by Engineer-In-Charge) should be screen printed / on inside face with required colouring, suitable arrangement shall be made for water tightness & locking arrangement, including supporting frangible legs, frame, fixing accessories like hole fasteners, nuts, bolts etc., signboard shall be uniformly internally illuminated with required numbers of LED lights with driver to achieve illumination level and can operate on series circuit without flickering, complete as required and as specified in ICAO Annex. 14 Vol. I (legends as approved by Engineer-in-Charge.)	8.00	Sqm	44000.00	352,000.00
2.00	Supply of 100 Watt, 6.6A/6.6A, 5kv, 50 Hz series Isolating Transformer encapsulated in polyester resin, finally moulded in neoprene type rubber with suitable type primary, secondary connector for connection with primary, secondary cables and conforming to tenders technical specifications, terms & conditions etc. complete as required.	20.00	Each	6000.00	120,000.00
3.00	Supply and connection of 5 kv grade ESNA connector (both plug and receptacle) with existing 5 kv grade PVC insulated, PVC sheathed single core 6 sq. mm copper conductor cable conforming to technical specifications i/c crimping & fixing, filling the gap with water sealant material, applying HT tape complete as required.	10.00	Each	550.00	5,500.00

Handwritten signature/initials

4.00	Supply of 2.5m long Secondary lead cable of size 2 x 4 sq.mm PVC insulated PVC sheathed anti termite & anti rodent stranded copper conductor airfield lighting cable of 0.6 KV grade with moulded plug at one end and moulded receptacles at the other end etc complete as required.	25.00	Each	900.00	22,500.00
5.00	Supply of Airfield Lighting (AFL) cable 1Cx 6sqmm. 5 KV grade, Copper Conductor, unscreened, XLPE insulated, and with inner and outer semi conductor, Polyethylene (PE) outer sheathed, Copper Braid, Unarmoured Underground Cable for airfield lighting Primary Circuit, confirming to specification as specified in technical specification.	250.00	Mtr	105.00	26,250.00
6.00	Supply of 6 SWG GI earth wire for loop earthing	200.00	Mtr	30.00	6,000.00
7.00	Supply of C.I. double hole type Isolating Transformer housing box, water tight round type, metal container of outside size 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 top 10mm thick 330mm outer dia MS cover (including supply) with a centre hole to take out the secondary cable and underground housing associated with transformer power cable and having clear holes centre at 75 mm above bottom surface suitable to receive 63 mm HDPE pipe as required. The box should have two SS earth bolt of M 10 x 40 tapped inside near the holes (4" away from the hole centre) and having a drain hole at the bottom suitably tapped to receive 3mtr long 15 mm diameter, 'B' class GI pipe (including supply) and having clear opening of 220 mm at the top surface and 6 Nos. M 10 tapped hole at the hole centre 260 mm to receive fitting base plate/top cover and bolts as required as per the specifications.	17.00	Each	5600.00	95,200.00
8.00	Supply and laying of 63mm dia size (outer) PN 6 pressure class and PE 80 grade HDPE (High density Polyethylene) pipe conforming to IS 4984 with latest amendments complete with accessories like couplers, bends, tee etc. in the soil/under paver block by excavation, removal of paver block etc. for GLF work upto 500 mm deep, making good the same as original finish up to the satisfaction of Engineer-In-Charge and laying of one number PVC insulated and PVC sheathed / XLPE power cable of 5 KV grade of 6 sqmm size, 6 SWG GI earth wire through the HDPE pipe etc. as required	170.00	Mtr	400.00	68,000.00

8/1/23

9.00	Supply and laying of 63mm dia size (outer) PN 6 pressure class and PE 80 grade HDPE (High density Polyethylene) pipe conforming to IS 4984 with latest amendments complete with accessories like couplers, bends, tee etc. in bitumen, RCC, PCC by core cutting upto 500 mm deep for GLF work, making good the same as original finish up to the satisfaction of Engineer-In-Charge and laying of one number PVC insulated and PVC sheathed / XLPE power cable of 5 KV grade of 6 sqmm size, 6 SWG GI earth wire through the HDPE pipe etc. as required	30.00	Mtr	420.00	12,600.00
10.00	Providing and laying cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size) in foundation of airfield guidance sign board including form work, suitable arrangement like hole fasteners (if required) for fixing sign board legs on top, placing transformer housing box and connecting it with two nos. HDPE pipes at its cylindrical wall and one 15mm dia GI pipe at bottom etc. complete as required of required dimension as directed by Engineer-In-Charge excluding supply of housing box, HDPE pipe, GI pipe.	18.00	Cum	7000.00	126,000.00
11.00	Installation, testing & commissioning of Airfield Guidance Sign Boards of various size on existing foundation by fixing its frangible legs with nuts, bolts, installation of isolating transformer in existing housing box, fixing its top cover by suitable size SS bolts, connecting primary side with existing 5kV grade airfield lighting cable with suitable type connector, connecting secondary side with sign board through secondary leads taken through top cover hole etc. including crimping & fixing, filling the gap with water sealant material, applying HT tape, ensuring accumulated water drainage etc. complete as required but excluding supply of isolating transformer, its top cover, secondary leads, connectors etc.	17.00	Each	7000.00	119,000.00
12.00	Providing and laying in position cement concrete 1:3:6 (1 cement : 2 coarse sand : 6 graded stone aggregate 20 mm nominal size) as required as per site condition and instructed by Engineer-In-Charge.	35.00	Cum	6000.00	210,000.00
13.00	Dismantling of existing airfield guidance signboard foundation by removal the signboard from its foundation safely without any damage so that it can be reused, shifting the sign board to designated location of AAI in operational area, demolishing the foundation and shifting the debris to desired location as directed by Engineer-In-Charge. Special care to be taken for existing taxi HT cables.	12.00	Each	1500.00	18,000.00

Handwritten signature/initials

14.00	Replacement of text on existing signage boards by replacement of old sheet with new vinyl sheet to provide the letter & symbol (as directed by Engineer-In-Charge) screen printed / on inside face with required colouring etc. complete as required.	2.00	Sqm	6000.00	12,000.00
15.00	Providing and fixing trisided Aero Bridge indication sign board made out of anodized 2 mm thick Aluminium frame with suitable angle support and 1.5 mm thick aluminium triangular top cover, duly painted 3mm thick triangular MS sheet at bottom with 03 sets of 2ft long LED batten with driver inside suitable for 1-ph 230V 50Hz AC supply, 900mmX900mm 4 mm thick polycarbonate sheet with glare free front face in three sides, the vinyl cutting letter & symbol (as directed by Engineer-In-Charge) should be screen printed / on inside face with required colouring, duly painted 900mm long 3mm thick cylindrical MS stand, made for water tightness & locking arrangement, welding work, electrical connection etc. complete as required as per specification.	2.00	Each	15000.00	30,000.00
16.00	Providing and fixing polycarbonate anti bird spike (tridirectional spikes) on the top edge of signage boards to prevent bird sitting as directed by Engineer-In-Charge.	60.00	Mtr	800.00	48,000.00
17.00	Excavation of hard rock/RCC/Cement concrete including getting out the excavated soil and disposal of excavated soil as directed by Engineer-In-Charge within 200mtr.	12.00	Cum	800.00	9,600.00
18.00	Excavation of soft soil including getting out the excavated soil and disposal of surplus excavated soil as directed by Engineer-In-Charge within 200mtr.	5.00	Cum	500.00	2,500.00

2024/06/25

19.00	Fabrication, supply, installation and commissioning of illuminated double sided passenger guidance airport signboard to be ceiling/RCC/MS structure suspended, projected on MS column/wall/pipe etc. as per site condition by use of clamps, nuts, bolts, welding work, tension rod with hooks, turn buckle, MS suspender, bracket etc. as required to ensure public safety including all accessories, hardwares, internal wiring, termination of existing power cables etc. complete as required. The signage shall be water, dust and vermin proof, fabricated in an integrated arrangement of 100mm wide Aluminium profile sections, frame, openable doors for easy maintenance, built in locking arrangement, concealed rubber gasket into the profile sections, 3mm thick acrylic on both side with vinyl (spreaded throughout the acrylic sheet) cutting color, text, symbol, logo, as instructed by E-I-C, white diffuser film for even spread of illumination, LEDs with drivers suitable for 1-ph 50Hz 230V AC supply, earthing etc. complete as required.	100.00	Sqft	1500.00	150,000.00
20.00	Earthing with copper earth plate 600 mm X 600 mm X 3 mm thick including accessories, and providing masonry enclosure with cover plate having locking arrangement and watering pipe of 2.7 metre long etc. with charcoal/ coke and salt as required.	4.00	Set	19000.00	76,000.00
21.00	Providing and fixing 25 mm X 5 mm copper strip on surface or in recess for connections etc. as required.	30.00	Mtr	980.00	29,400.00
				TOTAL	1,538,550.00

(Rupees Fifteen lakh thirty eight thousand five hundred and fifty Only)

* GST Extra as Applicable

Signature

सं.म.प्र. (अभि-विद्युत)/Jt.GM (Engg.-Elec)
भा.वि.प्रा., पुणे हवाई अड्डा, पुणे / AAI, Pune Airport, Pune

Signature Not Verified

Digitally signed by TANAJI CHANDRAKANT KAMBLE
Date: 2023.08.21 16:29:40 IST
Location: eProcurement System for Central PSUs