



JAS-ANZ



भारतीय विमानपत्तन प्राधिकरण
AIRPORTS AUTHORITY OF INDIA
विमानपत्तन निदेशक का कार्यालय

OFFICE OF THE AIRPORT DIRECTOR
DEPARTMENT OF ELECTRICAL ENGINEERING



ISO 9001:2015
ISO 14001:2015
OHSAS 18001:2007

भा.वि.प्रा/एम एल/इंजी.-(वि.)/डबल्यू-5/20-21/970

AAI/ML/ENGG (E)/W- 5/20-21

दिनांक: ११.०९.२०२०

Dated: 11.09.2020

सेवा में,

To,

मैसर्स मनीष इलेक्ट्रिकल्स,
कल्पना नगर
सी पी कॉलोनी के पास 7 नं
चौराहा मोरार
ग्वालियर -474 006

M/s Manish Electricals,
Kalapana nagar
C P colony Near 7 No
Chouraha Morar
Gwalior-474 006

कार्य का नाम:- प्रोविसिऑन ऑफ़ इंटरलीविंग सर्किट्स फॉर पापिस एंड सेपरेट सर्किट फॉर रनवे गार्ड लाइट्स
येत मंगलुरु इंटरनेशनल एयरपोर्ट. उपशीर्षक: - लेइंग ऑफ़ केबल एंड एसोसिएटेड वर्क्स।
Name of Work: Provision of interleaving circuits for PAPIs and separate circuit for runway guard
lights at Mangaluru International Airport. SH: - Laying of cable and associated
works.

संदर्भ/Ref : आपकी ई-निविदा जो 26.06.2020 को खोली गई/ Your e-tender opened on
26.06.2020. (Tender ID No. 2020_AAI_47723_1)

महोदय/ Sir,

1. उल्लिखित कार्य हेतु आपकी ई-निविदा के संबंध में, आपके द्वारा उद्धरीत, कुल (बातचीत दर के साथ) रु. 44,62,550/- (रुपए चवालीस लाख बासठ हजार पांच सौ पचास मात्र) (जी येस टी के बिना), जो की अनुमानित लागत राशि रु. 51,85,170/- (जी येस टी के बिना), से 13.94% कम है, को अध्यक्ष, भारतीय विमानपत्तन प्राधिकरण ही ओर से स्वीकृत किया जाता है।

Your e-tender for the work mentioned above is hereby accepted on behalf of Chairman, Airports Authority of India, at the item rates/percentage rate quoted by you totaling to Rs. 44,62,550/- (Rupees Forty-Four Lakhs Sixty-Two Thousand Five Hundred and Fifty Only) (excluding GST) which is 13.94% below the estimated cost put to tender of Rs. 51,85,170 /- (excluding GST).

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मंगलुरु अंतर्राष्ट्रीय हवाई अड्डा, मंगलुरु, - 574 142
MANGALURU INTERNATIONAL AIRPORT, MANGALURU - 574142
www.airportsindia.org.in www.aai.aero Email: hod_electricalmangalore@aai.aero

PHONE/दूरभाष: 0824 -2220436
FAX/ फेक्स : 0824 -2254175

2. संयुक्त.म.प्रबंधक (अभि-वि), भाविप्रा, मंगलूरु अंतरराष्ट्रीय हवाई अड्डा, मंगलूरु, उपरोक्त कार्य के प्रभारी होंगे और सहायक महाप्रबंधक (अभि-वि), भाविप्रा, मंगलूरु अंतरराष्ट्रीय हवाई अड्डा प्रभारी इंजीनियर जो अधिकृत प्रतिनिधि होंगे | आपसे निवेदन है की आप संयुक्त.म.प्रबंधक (अभि-वि), भाविप्रा, मंगलूरु अंतरराष्ट्रीय हवाई अड्डा, के कार्यालय में दिनांक. **21.09.2020** को उपस्थित रहकर हस्ताक्षर करने तथा करार की कार्यवाही पूर्ण करने का कष्ट करें | ठेका करार का निष्पादन एक सौ रूपए मुल्य के गैर अदालती स्टैम्प पेपर पर किया जाएगा तथा स्टैम्प पेपर का खर्च आपके द्वारा वहन किया जाएगा |

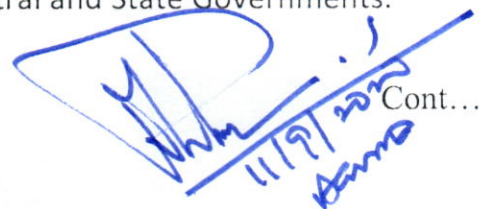
Jt. Gen.Manager Engg (E), AAI, Mangaluru International Airport, Mangaluru, shall be the Engineer –in-charge of the work and Asst. Gen. Manager (Engg-E), AAI, Mangaluru International Airport who is the authorized representative of Engineer – in – charge. You are requested to attend the office of Jt. Gen.Manager Engg (E), AAI, Mangaluru International Airport by **21.09.2020** 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) and the cost of the stamp paper shall be borne by you.

3. आपके निविदा के साथ मिला बयाना राशि रु. **१,०३,७०३** /- (रुपए एक लाख तीन हजार सात सौ ह तीन मात्र) ठेका कागजातो के अनुसार सुरक्षा जमा के हिस्से के रूप में इलाज और परिवर्तित किया जाएगा धारा विशेष शर्त संख्या के अनुसार. 18, पृष्ठ नं. 162 पर | और कृपया करके इस पत्र के जारी करने के दस दिन के अन्दर, बयाना राशि रु. **३,४२,५५२** (रुपए तीन लाख बयालीस हजार पांच सौ बावन मात्र) जमा करे, अन्यथा, विशेष शर्त धारा संख्या. 18, पृष्ठ नं.162 ठेका कागजातो के अनुसार वह राशि आपके रनिंग बिलसे काट ली जाएगी|

The earnest money amount of **Rs. 1,03,703/- (Rupees One Lakhs Three Thousand Seven Hundred and Three Only)** received along with your tender will be treated and converted as part of security deposit as per Special Condition Clause No. 18 on page no.162 of the contract document. Please deposit **Rs. 3,42,552 /- (Rupees Three Lakhs Forty-Two Thousand Five Hundred and Fifty-Two 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 No.18 on page no.162 of the contract document.

4. आपसे अनुरोध है कि आप ठेका श्रमिक(विनियम एवं उन्मुलन) अधिनियम 1970 के उपबन्धो का अनुपालन करें | साथ ही ठेका श्रमिक (विनियम एव उन्मुलन) केन्द्रीय नियमावली 1971 बाल श्रम (निषेध और नियमन) अधिनियम 1986,निर्माण श्रमिकों (रोजगार नियमन और सेवा की स्थिति) अधिनियम 1996, भवन और अन्य निर्माण श्रमिक कल्याण उपकर अधिनियम 1996 खंड संख्या. 18A से 20A तक पृष्ठ सं 72-80, जैसा कि निविदा के जीसीसी में निर्दिष्ट है और केंद्र और राज्य सरकारों के नियम के अनुसार |

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, Child Labour (Prohibition & Regulation) Act 1986, Construction Workers (Regulation of Employment and Condition of Service) Act 1996, Building and other construction Workers Welfare Cess Act 1996 as specified in Clause no. 18A to 20A on page no. 72-80 of GCC of tender and rules of Central and State Governments.



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5. हवाई अड्डे को संचालित करने और बनाए रखने के अधिकारों को ए .ए. ऐ किसी तीसरे पार्टी को ट्रान्सफर करने का स्थिति में ,

अ. ये ये आई इस समझौता को भी उसी तीसरे पार्टी को ट्रान्सफर करने का कारण हो जायेगा, और उस दिन से उत्पन्न जो भी दायित्वों और कर्तव्यों से ये ये आई मुक्त हो जायेगा । पार्टियाँ प्रासंगिक तीसरे पार्टी के साथ आवश्यक दस्तावेजीकरण करेगा या पूर्वोक्त ट्रांसफर के लिये आवश्यक समझौते करेगा ।

ब. इस अनुबंध / कार्य और अनुबंध की अवधि की वैधता अनुबंध / वर्क ऑर्डर के समापन या समाप्ति या पीपीपी मोड के तहत तीसरे पक्ष को हवाई अड्डे के हस्तांतरण की तारीख जो भी पहले हो।

In the event of AAI transfers the rights to operate and maintain the Airport to a third party(s):

a. AAI shall cause to transfer/novate this contract/work order, in favour of such third party, on the principle that such transfer/novation would release AAI of all liabilities and obligations arising from and after the date of transfer/novation of such rights. The Parties, along with relevant third party(s) shall execute necessary documentation or put in place necessary agreements for the aforesaid transfer/novation.

b. The validity of this contract/work & contract period is up to the completion of the work or termination of contract/work order or the date of transfer of the airport to the third party under PPP mode whichever is earlier.

6. आपको यह भी निर्देश दिया जाता है कि आप कनिष्ठ कार्यकारी (अभि -वि), भाविप्रा, मंगलूरु अंतरराष्ट्रीय हवाई अड्डा से अविलम्ब सम्पर्क करें जो आपको कार्यस्थान सौंपेंगे ।

You are also directed to contact Jr. Executive (Engg-E), AAI, Mangaluru International Airport immediately who will arrange to hand over the site to you.

7. कृपया यह भी नोट कर लें कि निविदा के अनुसार कार्य निष्पादन हेतु अनुगत समय १८० (एक सौ अस्सी) दिन है जो कि कार्य आदेश जारी करने के बाद से दसवें दिन को माना जायेगा ।

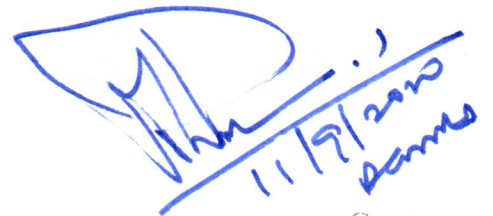
Please note that the time allowed for carrying out the work shall be 180 (One Hundred and Eighty) Days and same will be reckoned from the 10th day after the date of issue of work order.

8. इस ठेके से संबंधित किसी भी प्रकार के पत्र व्यवहार के लिए कार्य के प्रभारी को संबंधित करेंगे ।

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

9. कृपया इस पत्र कि प्राप्ति सूचना दे तथा इसके साथ संलग्न अनुप्रति पर हस्ताक्षर करके टोकन के प्रतिग्रहण के रूप में अधोहस्ताक्षरी को वापस भेज दें ।

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.

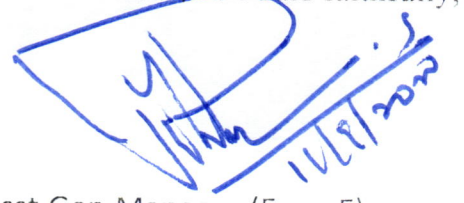


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10. यदि हिन्दी और अंग्रेजी संस्करण के बीच अस्पष्टता हो गी तो अंग्रेजी संस्करण प्रबल होगा।
In case of ambiguity between Hindi & English version the English version prevails.

धन्यवाद/Thanking you,
संलग्न/Encl: Schedule 'A'

भवदीय/Yours faithfully,

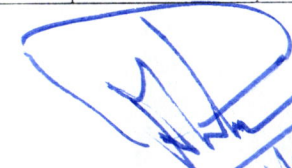


सहायक महाप्रबंधक(इंजी-ई) / Asst.Gen.Manager (Engg-E),
भाविप्रा, मंगलूरु अंतरराष्ट्रीय हवाई अड्डा / AAI, Mangaluru International Airport

Schedule A

Name of Work: Provision of interleaving circuits for PAPIs and separate circuit for RWY guard lights at Mangaluru International Airport - SH: - Laying of cable and associated works.

SI No	Description	Quantity	Unit	Rate excluding GST	Amount
1	Supply of 5 KV grade plug and receptacle of type-I class "B" connector suitable for field attachment with 5 KV grade of 16 Sq.mm XLPE/PVC insulated PVC sheathed single core copper conductor airfield cable etc. complete as required. (refer technical specification)	142.00	Each	360.00	51120.00
2	Supplying and laying of following size ISI marked DWC HDPE pipe along with all accessories like socket, bend, couplers etc. conforming to IS 14930, Part II complete with fitting and cutting, jointing etc. in the existing trench, complete as required. - 63mm Dia (63mm OD, 50mm ID Nominal)	9106.00	Metres	170.00	1548020.00
3	Supply of double holed CI isolating transformer housing box suitable for installing runway/taxiway light fittings which is water tight, round type, metal container of outside dia 330mm, height 450mm, made of 10mm thick cast iron moulding all round, except the top surface which is 15 mm thick, cast iron moulding suitable to receive light fitting base plate on the top and having two numbers of clear holes at side surfaces diametrically opposite and with centre of hole at 75mm above bottom to receive one number each of 50mm dia B class GI pipe and check nuts, two numbers of clear holes at side surfaces diametrically opposite and with centre of hole at 175 mm above bottom to receive one number each of 15mm dia B class GI pipe and check nuts as required. The box should have 2nos SS earth bolts M10*30mm tapped inside near the hole (4" away from the hole centre) for earth connection and having a drain hole at the bottom tapped to receive 15 mm dia B class GI pipe and having clear opening of 220mm at the top surface and 6nos M10 tapped hole etc cpmplete as required (refer technical specifications).	17.00	Each	4800.00	81600.00


11/9/2022
Bhame

Sl No	Description	Quantity	Unit	Rate excluding GST	Amount
4	Supply of tripped holed (three holed) CI isolating transformer housing box suitable for installing runway/taxiway light fittings which is water tight, round type, metal container of outside dia 330mm, height 450mm, made of 10mm thick cast iron moulding all round, except the top surface which is 15 mm thick, cast iron moulding suitable to receive light fitting base plate on the top and having three numbers of clear holes at side surfaces two holes diametrically opposite and other hole right angle to its axis and with centre of hole at 75mm above bottom to receive one number each of 50mm dia B class GI pipe and check nuts, three numbers of clear holes at side surfaces two holes diametrically opposite and other hole right angle to its axis and with centre of hole at 175 mm above bottom to receive one number each of 15mm dia B class GI pipe and check nuts as required. The box should have 3 nos SS earth bolts M10*30mm tapped inside near the hole (4" away from the hole centre) for earth connection and having a drain hole at the bottom tapped to receive 15 mm dia B class GI pipe and having clear opening of 220mm at the top surface and 6nos M10 tapped hole etc complete as required (refer technical specification).	7.00	Each	4950.00	34650.00
5	Providing, laying and fixing of 80mm dia ISI marked B class (medium class) G.I. pipe complete with G.I. fittings in the existing trench/above the drain etc. complete as required	191.00	Metres	900.00	171900.00
6	Making field connections by crimping 6/16.sq.mm plug and receptacle with the existing 6/16 sq.mm single core GLF cable including filling all the gap with water sealant silicon compound, providing and wrapping with HT insulation tape and over which wrapping with PVC tape etc. as required.	142.00	Each	150.00	21300.00
7	Laying of one number PVC insulated and PVC sheathed / XLPE power cable of 11 kV grade of following size in the existing RCC/ HUME/ METAL pipe as required. Upto 35 sq. mm (Actual size 6 sqmm - AFL Cable)	21484.00	Metres	20.00	429680.00
8	Laying of one number PVC insulated and PVC sheathed / XLPE power cable of 11 kV grade of following size in the existing masonry open duct as required. Upto 35 sq. mm (Actual size 6 sqmm - AFL Cable)	330.00	Metres	30.00	9900.00
9	Excavation of trenches for cable/pipe laying in all kind of soil with suitable width and depth (35cm width and 80cm in depth) including dressing of sides, lift upto 1.5 m, getting out the excavated soil, refilling available earth after laying of cable/ pipe etc in layers of 20 cm, ramming, watering and disposal of surplus excavated soil as directed, within a lead of 50 metres.	629.00	Cu.M	300.00	188700.00


11/9/2019
Ramesh

SI No	Description	Quantity	Unit	Rate excluding GST	Amount
10	Excavation of trenches for cable/pipe laying in laterite rock by mechanical/manual means with suitable width and depth (minimum 35cm width and 80cm in depth), including dressing of sides, lift upto 1.5 m, getting out the excavated soil, refilling available earth after laying of cable/ pipe etc in layers of 20 cm, ramming, watering and disposal of surplus excavated soil as directed, within a lead of 50 metres.	1168.00	Cu.M	800.00	934400.00
11	Providing and laying of 4mm (8 SWG) dia copper wire in the existng trench/pipe along the route of existing cable, making all conncections using copper lugs etc complete as required.	10914.00	Metres	70.00	763980.00
12	Removal of existing cement cocrete interlocking paver blocks of any design from footpath/ central verge, including removal of rubbish etc., stacking of material within 50 metre lead as per direction of Engineer-in-Charge, laying and fixing of removed cement cocrete interlocking paver blocks of any design (after completing the pipe laying work) in required line, level, curvature, colour and pattern over and including supply and laying of upto 50 mm thick compacted bed of coarse sand, filling the joints with fine sand etc. all complete as per the direction of Engineer-in-charge.	33.00	Sq.M	500.00	16500.00
13	Dismantling of concrete/bituminous road manually/ by mechanical means including stacking of serviceable material and disposal of unserviceable material within 50 metres lead as per direction of Engineer-in-charge :	5.00	Cu.M	400.00	2000.00
14	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level: 1:2:4 (1 Cement : 2 coarse sand (zone-III) : 4 graded stone aggregate 20 mm nominal size)	15.00	Cu.M	6000.00	90000.00
15	Installation of double holed transformer housing boxes with a base concrete of 1:2:4 of size 630 x 630 x 100 mm thick, all round concrete of 1:2:4 around the housing box, 150 mm thick, the top sloped with 1:2:4 cement including providing and fixing of two nos of 300mm long 50mm dia ISI marked B class GI pipe and two numbers of 300mm long 15mm dia ISI marked B class GI pipe on each to the respective existing hole (for cable and earth wire entry) , fixing the above pipes with double check nut (one inside and one outside the box) to the box , providing and fixing 300mm long 15 mm dia. ISI marked "B" class GI pipe for drainage of water including excavation of earth alignments etc. complete as required.	17.00	Each	2800.00	47600.00

[Handwritten Signature]
 11/9/2020
 Panna

SI No	Description	Quantity	Unit	Rate excluding GST	Amount
16	Installation of triple (three) holed transformer housing boxes with a base concrete of 1:2:4 of size 630 x 630 x 100 mm thick all round concrete of 1:2:4, 150 mm thick, the top sloped with 1:2:4 cement including providing and fixing of three nos of 300mm long 50mm dia ISI marked B class GI pipe and three nos of 300mm long 15mm dia ISI marked B class GI pipe one each to the respective existing holes, (for cable and earth wire entry), fixing the pipes with double check nuts (one inside and one outside the box) to the box, providing and fixing 300mm long 15 mm dia. ISI marked "B" class GI pipe for drainage of water including excavation of earth, alignments etc. complete as required.	7.00	Each	2800.00	19600.00
17	Earthing with ISI marked B class (medium class) G.I. earth pipe of 4.50 meter long, 40 mm dia including all accessories, excavation/drilling the earth for placing earth pipe, providing masonry enclosure with cover plate having locking arrangement/concrete earth chamber with concrete cover (concrete cover to fit inside the concrete chamber), lifting hooks for cover, watering funnel etc. with charcoal/coke and salt etc complete as required. (refer technical specification)	2.00	Each	9000.00	18000.00
18	Providing and laying earth connection from earth electrode with 4.00 mm dia copper wire in 15 mm dia ISI marked B class G.I. pipe from earth electrode including connection with copper thimble, excavation and re-filling etc complete as required.	20.00	Metres	150.00	3000.00
19	Supplying and making cable route marker with cement concrete 1:2:4 (1 cement :2 coarse sand : 4 graded stone aggregate 20mm nominal size) of size 60 cm x 60 cm at the bottom and 50 cm x 50 cm at the top with a thickness of 10 cm including inscription duly engraved on the marker, fixing the marker in ground at required locations etc complete as required.	68.00	Each	450.00	30600.00
	Total				4462550.00
	Say				4462550.00

Rupees Forty Four Lakhs Sixty Two Thousand Five Hundred and Fifty Only

GST will be paid as per actual at the time of payment on submission of GST invoice


11/9/2020
Asst. Gen. Manager (Engg-E)
AAI, Mangaluru Intl. Airport