



सं.सं: भा.वि.प्रा./बिजीएम/इंजि-वि/एएलसीएमएस/2022-23/WO-02/
No.: AAI/BGM/ENGG-E/ALCMS/2022-23/WO-02/403

दिनांक: 08.07.2022
Date: 08.07.2022

सेवा में/To,

मैसर्स. मनीष इलेक्ट्रिकल्स,
M/s. Manish Electricals,
Kalapana nagar C P colony
Near 7 No Chouraha Morar
Gwalior, Madhya Pradesh - 474006
Email ID:- manishelectricals21@gmail.com
Mobile No.: 9425109887

कार्य का नाम:- बेळगावि हवाई अड्डे पर पांच साल के लिए एआईसीएमसी सहित एयरफील्ड लाइटिंग कंट्रोल एंड
मॉनिटरिंग सिस्टम (एएलसीएमएस) का एसआईटीसी।

Name of work:- SITC of Airfield Lighting Control and Monitoring System (ALCMS) including AICMC
for Five Years at Belagavi Airport.

Tender ID:- 2022_AAI_107591_1)

संदर्भ: १) आपका ई-निविदा दिनांक 18/04/2022 from 11:00 am को खोला गया ई - निविदा (वित्तीय बोली)

Ref: 1) Your E-Tender Envelope-II (Financial Bid) opened on 18/04/2022 from 11:00 am

२) ई-टेंडर लिफाफा - I 22/03/2022 at 11:30 hrs को खोला गया

2) E-Tender Envelope - I opened on 22/03/2022 at 11:30 hrs.

महोदय/ Sir (s),

- ऊपर उल्लिखित कार्य के लिए आपका टेंडर रु. **24,82,337/-** (रुपए: चौबीस लाख बयासी हजार तीन सौ सैंतीस मात्र) जीएसटी को छोड़कर, जो की अनुमानित लागत रु. **31,23,170/-** (GST को छोड़कर) से **20.52%** कम है। भारतीय विमानपत्तन प्राधिकरण की ओर से स्वीकार किया जाता है। जीएसटी के भुगतान के प्रति दस्तावेजी प्रमाण प्रस्तुत करने पर जीएसटी का अतिरिक्त भुगतान किया जाएगा।
- 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. 24,82,337/- (Rupees: Twenty Four Lakhs Eighty Two Thousand Three Hundred and Thirty Seven only) excluding GST** which is **20.52% below** the estimated cost put to tender of **Rs.31,23,170/-(excluding GST)**. GST shall be paid extra on submission of documentary proof towards payment of GST.
- सहायक महाप्रबंधक (इंजीनियरिंग-ई), एएआई, बेळगावि हवाई अड्डे के कार्य के इंजीनियर-इन-चार्ज होंगे। आपसे अनुरोध है कि आप इस पत्र के जारी होने की तारीख से **15** दिनों के भीतर के कार्यालय में अनुबंध पर हस्ताक्षर करने और पूरा करने के लिए महाप्रबंधक (इंजीनियरिंग-ई), एएआई, बेळगावि हवाई अड्डा, बेळगावि में उपस्थित हो। अनुबंध समझौते को रु. **100/-** के गैर-न्यायिक स्टाम्प पेपर (केवल एक सौ रुपये) पर निष्पादित किया जाएगा और स्टाम्प पेपर की लागत आपके द्वारा वहन की जाएगी।

Belagavi Airport, Belagavi - 591124 Telephone - 0831- 2562020

बेळगावि हवाई अड्डा, बेळगावि - 591124 टेलीफोन - 0831- 2562020



2. Assistant General Manager (Engg-E), AAI, Belagavi Airport shall be the Engineer-in-Charge for the work. You are requested to attend the office of Asst. General Manager (Engg-E), AAI, Belagavi Airport, Belagavi, within **15 days** from the date of issue of this letter 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.
३. रुपये की बयाना राशि **62,463/-** (रुपए सोलह हजार नौ सौ इकसठ मात्र) आपके टेंडर के साथ प्राप्त किया गया है और इसे टेंडर डॉक्यूमेंट के पृष्ठ संख्या **31** पर क्लॉज नंबर **1 ए (जीसीसी)** के अनुसार सिक्योरिटी डिपॉजिट के हिस्से के रूप में परिवर्तित किया जाएगा। कृपया इस पत्र के जारी होने की तारीख से **10** दिनों के भीतर रु. **1,85,771/-** (रुपए बहत्तर हजार नौ सौ पाँच मात्र) सुरक्षा राशि जमा करें जिसके फेल होने की दशा में निविदा दस्तावेज के पृष्ठ नं. **154 एससीसी-35** के अनुसार घटा दिया जाएगा।
3. The earnest money amount of **Rs. 62,463/-** (Rupees Sixty Two Thousand Four hundred & Sixty Three only) received along with your tender will be treated and converted as part of security deposit as per Clause No.1 A (GCC) on page no. **31** of tender document. Please deposit **Rs. 1,85,771/-** (Rupees One Lakh Eighty Five Thousand Seven Hundred & Seventy One 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 **SCC-35** at page no. **154** of tender document.
4. काम पूरा होने की अवधि **04** महीना है जिसकी गणना दिनांक **17/07/2022** अर्थात इस पत्र के जारी होने के **10th** दिन से की जाएगी।
4. Period of completion of the work is **04 Months** which shall be reckoned from **17/07/2022** i.e. **10th day** after issue of this letter.
5. कार्य इंजीनियर-इन-चार्ज के निर्देशानुसार निष्पादित किया जाएगा और एजीएम (ई-ई) द्वारा अनुमोदित किया जाएगा, जो इस काम के लिए इंजीनियर-इन-चार्ज होगा। इंजीनियर-इन-चार्ज द्वारा अनुमोदित सामग्री की आपूर्ति नहीं की जाएगी।
5. The work shall be executed as per the direction of Engineer-In-Charge and shall be approved by the AGM (E-E), who will be Engineer-In-Charge for this job. Material not approved by the Engineer-In-Charge shall not be supplied.
6. काम पूरा होने पर, आपके द्वारा या आपके अधिकृत प्रतिनिधि और अभियंता-प्रभारी या उनके प्रतिनिधि द्वारा संयुक्त रूप से प्रत्येक आइटम को मापा जाएगा, और माप बुक में दर्ज किया जाएगा।
6. On completion of work, each item of work shall be jointly measured by you or your authorized representative and the Engineer-In-Charge or his representative, and shall be entered into the measurement book.
7. कार्य बिल के संतोषजनक समापन पर अभियंता-प्रभारी को निम्नलिखित दस्तावेजों के साथ प्रस्तुत किया जाएगा और भुगतान के लिए उसी पर कार्रवाई की जाएगी।
7. On satisfactory completion of work bill shall be submitted along with the following documents to the Engineer-In-Charge and the same shall be processed for payment.
 - क। मापन पुस्तक संयुक्त रूप से आपके और इंजीनियर-प्रभारी या उनके प्रतिनिधि द्वारा हस्ताक्षरित है।
 - a. Measurement book jointly signed by you and Engineer-In-Charge or his representative.
 - ख। डिलीवरी चलान, यदि कोई हो।



- b. Delivery challan, if any.
ग. जी.एस.टी चलान।
c. GST Invoice.
घ। अन्य प्रासंगिक दस्तावेज, यदि कोई हो।
d. Other relevant documents such as test certificate etc.
8. सुरक्षा जमा @ 10% बिल से काट लिया जाएगा और बाराहा (12) महीने की गारंटी और दोष देयता अवधि के सफल समापन के बाद ही जारी किया जाएगा।
8. The security deposit @ 10% shall be deducted from the bills and will be released only after successful completion of the guarantee and defects liability period of Twelve (12) months.
9. एजेंसी को काम शुरू होने की तारीख से दोष देयता अवधि (डीएलपी) तक ठेकेदार सभी जोखिम (सीएआर) नीति और कामगार मुआवजा नीति (डब्ल्यूसीपी) प्रस्तुत करनी चाहिए।
9. Agency shall submit Contractors All Risk (CAR) Policy and Workmen Compensation Policy (WCP) from date of commencement of work upto Defects Liability Period (DLP).
10. एजेंसी काम शुरू होने से लेकर पूरा होने तक सभी गतिविधियों को स्पष्ट रूप से दिखाते हुए पीईआरटी चार्ट प्रस्तुत करेगी।
10. Agency shall submit PERT chart clearly showing all activities from the start of work to completion.
11. इस वर्क ऑर्डर अवार्ड पत्र को भा.वि.प्रा./बिजीएम/इंजि-वि/एएलसीएमएस/2022-23/WO-02/ दिनांक: 08.07.2022 नंबर आवंटित किया जाता है, जो इस पुरस्कार पत्र के संबंध में भविष्य के सभी पत्राचार के लिए आपके द्वारा उद्धृत किया जाएगा।
11. This work order award letter is allotted the number AAI/BGM/ENGG-E/ALCMS/2022-23/WO-02/ Dated: 08.07.2022 which shall be quoted by you for all future correspondence in connection with this award letter.

अनुलग्नक: मात्रा की अनुसूची
Encl: Schedule of Quantities

Thanking You

Yours faithfully,

सहायक महाप्रबंधक (अभि-वि)/ Asst. General Manager (Engg-E),
भा.वि.प्रा, बेळगावि हवाई अड्डा/ AAI, Belagavi Airport
कृते तथा ओर से, अध्यक्ष, भा.वि.प्रा/ for and on behalf of Chairman, AAI

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SCHEDULE OF QUANTITIES

Tender Inviting Authority: Assistant General Manager (Engg-E), AAI, Belagavi Airport.

Name of Work: SITC of Airfield Lighting Control and Monitoring System (ALCMS) including AICMC for Five Years at Belagavi Airport.

Contract No: 2022_AAI_107591_1

Name of the Bidder/ Bidding Firm / Company :		Manish Electricals				
PRICE SCHEDULE						
(This BOQ template must not be modified/replaced by the bidder and the same should be uploaded after filling the relevent 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 (Excluding GST) Rs. P	TOTAL AMOUNT in (Excluding GST) Rs. P	TOTAL AMOUNT In Words
1	2	4	5	5	6	7
1	SH-I: SITC of ALCMS					
1.01	Design, supply, installation, testing & commissioning of Airfield Lighting Control & Monitoring System (ALCMS), Type 'L 890 BB' as per the requirements of FAA Advisory Circular No. AC 50/5345 - 56B (Current edition) and additional circuits / mechanisms / interfaces for control & monitoring of constant current regulators (CCRs) & fixed circuits such as Landing - H, Wind cones, Apron High Mast flood lights, Beacon lights etc., as mentioned in Annexure-I, to make them compatible with ALCMS, Data & Power Cabling, Earthing etc., including spare PLC and I/O modules, all hardware and software, licenses & other items as required for successful operation of the system in line with the scope of work, details of equipments, equipments specification, performance criteria etc., complete as required. Two vault processor should be provided both running in parallel for redundancy in operation etc as required. (ALCMS Make: ADB Safegate/Eaton Crouse – Hind/Flight Light/Honeywell/ NASU Systems/Electro Systems)	1.000	Job	1250000.00	1250000.00	INR Twelve Lakh Fifty Thousand Only
2	SH-II: Supply and Laying of OFC cable					
2.01	Supply and laying of Single mode 6 core, armoured Optic Fibre Cable (OFC) (ISI marked) conforming to ITU-T G.652 and IEC- 60794 with up to date amendments, etc., complete as required through HDPE pipe of 40 mm dia.	760.000	Mtr	120.00	91200.00	INR Ninety One Thousand Two Hundred Only
2.02	Supply and laying of HDPE pipe of PN 6 and PE 63 of following size ISI marked, HDPE pipe along with all accessories like socket, bend, couplers etc., conforming to IS 4984 with upto date amendments complete as required direct in ground at a depth of 0.75m below the ground level i/c excavation and refilling the trench but excluding sand cushioning and protective covering etc. as required. 40 mm dia	1187.000	Mtr	225.00	267075.00	INR Two Lakh Sixty Seven Thousand & Seventy Five Only
2.03	Supply and laying of HDPE pipe of PN 6 and PE 63 of following size ISI marked, HDPE pipe along with all accessories like socket, couplers etc., conforming to IS 4984 with upto date amendments complete as required on wall surface/cable tray with necessary Clamps/Cable ties at required intervals as required. 40 mm dia	256.000	Mtr	180.00	46080.00	INR Forty Six Thousand & Eighty Only
2.04	Supply and laying of HDPE pipe of PN 6 and PE 63 of following size ISI marked, HDPE pipe along with all accessories like socket, bend, couplers etc., conforming to IS 4984 with upto date amendments complete as required in the existing Cable trench / Hume Pipe / masonry duct. 40 mm dia	126.000	Mtr	195.00	24570.00	INR Twenty Four Thousand Five Hundred & Seventy Only

NUMBER #	TEXT #	NUMBER #	TEXT #	NUMBER #	NUMBER #	TEXT #
Sl. No.	Item Description	Quantity	Units	BASIC RATE In Figures To be entered by the Bidder (Excluding GST) Rs. P	TOTAL AMOUNT in (Excluding GST) Rs. P	TOTAL AMOUNT In Words
1	2	4	5	5	6	7
2.05	Supply and fixing of Single mode 6 core, armoured Optic Fibre Cable (OFC) (ISI marked) conforming to ITU-T G.652 and IEC- 60794 with up to date amendments, etc., as loop inside the vault processors/Open duct/ surface including providing cable tie/ mounting clamps etc., complete as required.	42.000	Mtr	175.00	7350.00	INR Seven Thousand Three Hundred & Fifty Only
2.06	Supply and laying of 1.1 KV grade 16C 2.5 mm2 armoured Copper conductor XLPE insulated and PVC sheathed control cable as per IS - 7098 (Part - I) 1998 respectively with upto date ammendments, etc., complete as required. through HDPE pipe of 40 mm dia.	315.000	Mtr	850.00	267750.00	INR Two Lakh Sixty Seven Thousand Seven Hundred & Fifty Only
2.07	Supply and laying of 1.1 KV grade 8C 2.5 mm2 armoured Copper conductor XLPE insulated and PVC sheathed control cable as per IS - 7098 (Part - I) 1998 respectively with upto date ammendments, etc., complete as required. through HDPE pipe of 40 mm dia.	494.000	Mtr	650.00	321100.00	INR Three Lakh Twenty One Thousand One Hundred Only
3	SH III: AICMC OF ALCMS					
3.01	All inclusive comprehensive maintenance of complete ALCMS & other related hardware and softwares including all spares and consumables, providing full support during breakdown & trouble shooting, programming, carrying out quarterly routine maintenance checks, preventive and breakdown maintenance etc. as required as per good engineering practices, recommendations of the respective equipment manufacturers and instructions of engineer-in-charge for maintaining the systems. This includes keeping the system in acceptable functional and serviceable state etc. as specified including cost of all spare parts.					
3.02	First Year (after Completion of DLP) Rate for First Year after DLP = 3 % of SH-I i.e. SITC cost of ALCMS SH - I Sl. No. 1.01	1.000	Year	37500.00	37500.00	INR Thirty Seven Thousand Five Hundred Only
3.03	Second Year (after Completion of DLP) Rate for Second Year after DLP = 5 % escalation of SH-III Sl. No. 3.02 cost	1.000	Year	39375.00	39375.00	INR Thirty Nine Thousand Three Hundred & Seventy Five Only
3.04	Third Year (after Completion of DLP) Rate for Third Year after DLP = 5 % escalation of SH-III Sl. No. 3.03 cost	1.000	Year	41344.00	41344.00	INR Forty One Thousand Three Hundred & Forty Four Only
3.05	Fourth Year (after Completion of DLP) Rate for Fourth Year after DLP = 5 % escalation of SH-III Sl. No. 3.04 cost	1.000	Year	43411.00	43411.00	INR Forty Three Thousand Four Hundred & Eleven Only
3.06	Fifth Year (after Completion of DLP) Rate for Fifth Year after DLP = 5 % escalation of SH-III Sl. No. 3.05 cost	1.000	Year	45582.00	45582.00	INR Forty Five Thousand Five Hundred & Eighty Two Only
Total in Figures					2482337.00	INR Twenty Four Lakh Eighty Two Thousand Three Hundred & Thirty Seven Only
Quoted Rate in Words		INR Twenty Four Lakh Eighty Two Thousand Three Hundred & Thirty Seven Only				

Asst. GM (Engg.E)
AAI, Belagavi Airport