



भारतीय विमानपत्तन प्राधिकरण AIRPORTS AUTHORITY OF INDIA

WORK ORDER

सं। सं: भा.वि.प्रा /सीबीआईए/इंजी (ई)/ ओ एंड एम एसएस, कॉलोनी, जीएलएफ /23-24/डब्ल्यू-33 दि: 23.01.2024
Ref. No: AAI/CBIA/ENGG (E)/ O&M SS, COLONY, GLF/23-24/W-33 Date: 23.01.2024

BY SPEED POST

To

एमएस। चेन्नई इंजीनियरिंग सर्विसेज,
एच.ओ.: प्लॉट 30, दरवाजा नंबर 1-536,
कृष्णा नगर,
पहली सड़क, मनपक्कम,
चेन्नई-600 125.

M/s. Chennai Engineering Services,
H.O: Plot 30, Door No. 1-536,
Krishna Nagar,
1st street, Manapakkam,
Chennai-600 125.
Email: chennaiengineering@hotmail.com

कार्य का नाम:

वर्ष 2023-24/2024-25 के लिए कोयंबटूर अंतर्राष्ट्रीय हवाई अड्डे पर ई एंड एम प्रतिष्ठानों का एआरएमओ. उप शीर्ष: नई एएआई आवासीय कॉलोनी में जीएलएफ सिस्टम और परिधि प्रकाश, सबस्टेशन स्थापना, पंप हाउस और विद्युत प्रतिष्ठानों के संचालन और रखरखाव के लिए नौकरी अनुबंध।

Name of work:

ARMO of E&M Installations at Coimbatore International Airport for the year 2023-24/2024-25, SH: Job Contract for Operation and Maintenance of GLF systems & Perimeter Lighting, Substation installations, Pump house and Electrical installations at New AAI Residential Colony.

संदर्भ/ Ref:

निविदा आईडी/ Tender ID- 2023_AAI_173181_1

प्रिय महोदय / Dear Sir,

- उपर्युक्त कार्य के लिए आपका निविदा, अध्यक्ष, भारतीय विमानपत्तन प्राधिकरण की ओर से आपके द्वारा की गई मद दरों कुल रु 4,90,14,949.00 प्लस लागू जीएसटी पर स्वीकार किया जाता है जो कि न्यायोचित लागत रु 5,60,59,603.00 से 12.57% कम है।

Your E-tender for the above mentioned work is accepted on behalf of Chairman, Airports Authority of India at the item rates quoted by you totaling to **Rs.4,90,14,949.00 (Rupees Four Crore Ninety Lakhs Fourteen Thousand Nine Hundred and Forty Nine Only)** plus applicable GST which is **12.57% below** the justified cost of **Rs. 5,60,59,603.00**

K. Devad

कोयंबटूर अन्तरराष्ट्रीय हवाई अड्डा / Coimbatore International Airport, कोयंबटूर / Coimbatore - 641014

Phone : 0422 - 2571941, 2571956, 2573603, 2573602, 2573561, Fax : 0422 - 2592384 / 2573223

Email: apdcoimbatore@aai.aero



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- 2) संयुक्त महा प्रबंधक (इ-वि), भा.वि.प्रा, कोयंबतूर अंतरराष्ट्रीय हवाई अड्डा इस कार्य के अभियंता प्रभारी होंगे। आपसे अनुरोध है कि आप उन की कार्यालय में 15.02.2024 तक उपस्थित हों कर समझौते पर हस्ताक्षर करना है। अनुबंध समझौते को रु 100.00 (रुपए केवल सौ) के मूल्य के गैर-न्यायिक स्टाम्प पेपर पर निष्पादित किया जाएगा और स्टाम्प पेपर की कीमत आपके द्वारा वहन की जाएगी।
Jt. Gen. Manager (Engg-Elect), AAI, Coimbatore International Airport shall be the Engineer-in-Charge of the work. You are requested to attend the office of the Jt. Gen. Manager (Engg-Elect), AAI, Coimbatore Airport by **15.02.2024** to sign and complete the agreement. The contract agreement shall be executed on a non-judicial stamp paper of value of Rs. 100.00 (Rupees Hundred only) and the cost of the stamp paper shall be borne by you.
- 3) इस पत्र के जारी होने की तारीख से 10 दिनों के भीतर रु 49,01,495.00 सिक्योरिटी डिपॉजिट के रूप में कृपया जमा करें जिसे विफल करते हुए, आपके चल रहे बिलों में उस को घटा दिया जाएगा।
Please deposit Rs. 49, 01,495.00 (Rupees Forty Nine Lakhs One Thousand Four Hundred and Ninety Five Only) as Security Deposit within 10 days from the date of issue of this letter, failing which, the same will be deducted from your running bills.
- 4) आपसे अनुरोध है कि अनुबंध श्रम (विनियमन और उन्मूलन) अधिनियम 1970 और अनुबंध श्रम (विनियमन और उन्मूलन) केंद्रीय नियम 1971 और न्यूनतम मजदूरी अधिनियम और केंद्र और राज्य सरकार के नियमों के प्रावधानों का पालन करें।
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 and minimum wages act and rules there of central and state Government.
- 5) आपको सहायक महाप्रबंधक (इ-वि), भा.वि.प्रा, कोयंबतूर अंतरराष्ट्रीय हवाई अड्डे से तुरंत संपर्क करने का भी निर्देश दिया जाता है, जो आपको साइट सौंपने की व्यवस्था करेंगे।
You are also directed to contact Asst.Gen.Manager (Engg.-Elect) AAI, Coimbatore International Airport immediately who will arrange to handover the site to you.
- 6) कृपया ध्यान दें कि कार्य करने के लिए अनुमत समय 24 महीने होगा, जिसकी गणना 01.02.2024 से की जाएगी।
Please note that the time allowed for carrying out the work shall be **24 Months**, which shall be reckoned from **01.02.2024**.
- 7) सभी अनुबंध के संबंध में अन्य पत्राचार के लिए संयुक्त महा प्रबंधक (इ-वि), भा.वि.प्रा कोयंबतूर अंतरराष्ट्रीय हवाई अड्डा का संबोधन करें।
Any further correspondence in connection with the contract should normally be addressed to the Jt.Gen.Manager (Engg-Elect), AAI, Coimbatore International Airport.

K. Devad

कोयंबतूर अंतरराष्ट्रीय हवाई अड्डा / Coimbatore International Airport, कोयंबतूर / Coimbatore - 641014

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- 8) आपसे जीएसटी अधिनियम के अनुसार वैध जीएसटी चालान जमा करने का अनुरोध किया जाता है जिसमें जीएसटीआईएन का उल्लेख करते हुए, जीएसटी दरों को लागू करने और भा.वि.प्रा, कोयंबटूर जीएसटी संख्या 33AAACA6412D1ZF का उल्लेख करने वाले बिलों को संसाधित करने पर इनपुट टैक्स क्रेडिट विवरण का संकेत मिलता है।

You are requested to submit the valid GST invoice as per GST act mentioning the GSTIN, indicating the GST rates applicable and input tax credit details if any processing the bills mentioning the AAI Coimbatore GST **No.33AAACA6412D1ZF**.

- 9) कृपया रसीद स्वीकार करें और इसके साथ संलग्न पत्र की डुप्लिकेट प्रति हस्ताक्षर करने के बाद स्वीकृति के प्रतीक के रूप में अधोहस्ताक्षरी को लौटा 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.

K. Devnath
23/01/2024

संयुक्त महा प्रबंधक (इं-वि),
Jt. Gen. Manager (Engg-Elect),
कृते तथा की ओर से अध्यक्ष, भा.वि.प्रा
For and on behalf of Chairman, AAI,
भा.वि.प्रा, कोयंबटूर अंतरराष्ट्रीय हवाई अड्डा,
AAI, Coimbatore International Airport.

अनुलग्नक/Encl:

1. अनुसूची/Schedule 'A'.
2. सुरक्षा कार्यक्रम / Security Programme

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Details regarding TAEP/AEP Provisional Security Clearance/Security clearance & Security Programme:-

All security guidelines shall be applicable. Necessary security clearance shall be obtained by the Licensee for obtaining AEP for their staff.

Bureau of Civil Aviation Security (BCAS), Chennai, has advised the following guidelines to be followed while applying for AEPs:-

- a. The Temporary Aerodrome Entry Permit (TAEP) initially for a period of 30 days will be issued by Airport Director, Airports Authority of India (AAI)/Coimbatore Airport, following the due procedures, to commence business inside the Airport.
- b. Immediately thereafter, formalities to comply with the instructions of BCAS i.e. obtaining Provisional Security Clearance/ Security Clearance through E-Sahaj Portal and submission of Security Programme, are to be strictly adhered to. Necessary assistance/ guidelines, if required may be obtained from the Airport Operator/ BCAS in this regard. The above are mandatory requirements for continuing business in the Airport premises.
- c. The entities who have already obtained Security Clearance for their operations in other region(s), should intimate RO, BCAS, Chennai accordingly duly enclosing
 1. Intimation Letter regarding establishing their business in Coimbatore Airport.
 2. Security Clearance issued by BCAS, HQ.
 3. Provisional Security Clearance (s) issued by the RO, BCAS of other Region(s).
 4. Written Contract Agreement.
 5. Authorized signatory for Coimbatore Airport.
 6. Security Programme for Coimbatore Airport.
- d. Failure to comply with any of the instructions will entail suspension or withdrawal of TAEP/AEP issued.
- e. The above points are not exhaustive and the updation/ addition/ omission if any will be appraised from time to time.

K. D. S. S. S.
23/01/2024

संयुक्त महा प्रबंधक (इ-वि),
Jt. Gen. Manager (Engg-Elect),
कृते तथा की ओर से अध्यक्ष, भा.वि.प्रा
For and on behalf of Chairman, AAI,
भा.वि.प्रा, कोयंबतूर अंतरराष्ट्रीय हवाई अड्डा,
AAI, Coimbatore International Airport.

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Schedule 'A'

Name of Work: ARMO of E&M Installations at Coimbatore International Airport for the year 2023-24/2024-25, SH: Job Contract for Operation and Maintenance of GLF systems & Perimeter Lighting, Substation installations, Pump house and Electrical installations at New AAI Residential Colony.

Tender ID: 2023_AAI_173181_1

SCHEDULE OF WORK / ITEM(S)

Sl.No	Description of Work / Item(s)	No.of Qty	Units	CHENNAI ENGINEERING SERVICES(GSTN-33AADFC4373K1ZH)	
				Rate	Amount
1	SH-I: Operation & Maintenance of E&M Installations.				
1.010	Operation and Maintenance of HT & LT installations at Substation, Standby DG Sets, etc by deploying required qualified manpower as Special Conditions & specifications in the specifications for operation, monitoring, recording performance log books, carrying out preventive maintenance activities & maintaining records, attending breakdown complaints and minor repair works on round the clock basis i/c. Sundays and Holidays, including providing consumables etc. complete as required.				
1.011	1st Year	12.00	Months	511829.00	6141948.00
1.012	2nd Year	12.00	Months	511829.00	6141948.00
1.020	Operation and Maintenance of Substation, E&M, Internal & External Electrical Installations, Fire alarm & Fire Fighting systems at New Residential colony by deploying required qualified manpower as specified in the Special Conditions & specifications for operation, monitoring, recording performance log books, carrying out preventive maintenance activities & maintaining records, attending breakdown complaints and minor repair works on round the clock basis i/c. Sundays and Holidays, including providing consumables etc. complete as required.				
1.021	1st Year	12.00	Months	569249.00	6830988.00
1.022	2nd Year	12.00	Months	569249.00	6830988.00

1500000

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Sl.No	Description of Work / Item(s)	No. of Qty	Units	CHENNAI ENGINEERING SERVICES(GSTN-33AADFC4373K1ZH)	
				Rate	Amount
1.030	Operation and Maintenance of Ground Lighting Facilities, Internal & External electrical installations of Operational area NAVAIDS buildings, Water supply pump sets/ Hydropneumatic water supply system, Perimeter Lighting in operational area etc by deploying required qualified manpower as specified in the specifications for operation, monitoring, recording performance log books, carrying out preventive maintenance activities & maintaining records, attending breakdown complaints and minor repair works on round the clock basis i/c. Sundays and Holidays, including providing consumables etc. complete as required.				
1.031	1st Year	12.00	Months	801899.00	9622788.00
1.032	2nd Year	12.00	Months	801899.00	9622788.00
2.00	SH-II: Filtration of Transformer Oil, Relay Calibration, ACBs and HT VCBs Servicing				
2.010	Filtration of Transformer oil for 1 no. 1500 KVA Transformer of oil capacity 850 litres and 1 no. 1500 KVA HT -AVR with Transformer of oil capacity 1600L, HT AVR On load Voltage Controller of oil capacity 970 Ltr, and OLTC unit of oil capacity 1400 ltrs installed at substation with high vacuum filtration apparatus to obtain BDV value 40 KV for 1 minute as required.	9640.00	Ltr	2.99	28823.60
2.020	Testing the Di-electric strength, the acidity/ the PH value of transformer oil and submission of reports.	8.00	Nos	2999.00	23992.00
2.030	Filtration of Transformer oil for 2 no. 1000 KVA Transformer of oil capacity 1280 litres each (Total Oil = 2560 litre) and 2 no OLTCs for the transformers of oil capacity 210 liters each (Total Oil = 420 liters) installed at AAI residential Colony substation with high vacuum filtration apparatus to obtain BDV value 40 KV for 1 minute as required.	5960.00	Ltr	2.99	17820.40
2.040	Carrying out secondary injection tests on following three pole over current and earth fault relay (Make Easun Reyrolle Type MIT) of 11 KV HT panel and calibration of the same including submission of reports as required.				
2.041	XR 351 type relays	8.00	Nos	1499.00	11992.00
2.042	B 24 type relays	8.00	Nos	1999.00	15992.00
2.043	B 33 x 3 type relays	12.00	Nos	2499.00	29988.00
2.044	MIT 113 & MIT 103 type relays	8.00	Nos	2199.00	17592.00

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Sl.No	Description of Work / Item(s)	No.of Qty	Units	CHENNAI ENGINEERING SERVICES(GSTN-33AADFC4373K1ZH)	
				Rate	Amount
2.050	Supply of transformer oil conforming to IS 335/ 1993 (with latest ammendments) as per site conditions	400.00	Ltr	129.00	51600.00
2.060	Supply of Silica gel for transformer breather as per standards.	20.00	Kg	299.00	5980.00
2.070	Supply of D7 oil for cleaning the lift walls, rails etc, other SS articles as and when required as per instructions from Engineer-in-Charge.	25.00	Ltr	149.00	3725.00
2.080	Supply of sodium hypochlorite solution for usage in STP in the residential colony as and when required as per instructions from Engineer-in-Charge.	2400.00	Kg	12.00	28800.00
2.090	Carrying out complete servicing and overhauling of all mechanical and electrical mechanism of C&S make Electrical Draw Out Microprocessor type (EDO, MICROPRO 4.1) ACBs with 1000 A to 2500 A rating installed in the LT panels by providing trained service engineer with all tools and plant i/c attending all breakdown repairs during the period of contract complete as per detailed specifications of work and instructions of Engineer -in-charge.				
2.091	1st Year	33.00	Job	999.00	32967.00
2.092	2nd Year	33.00	Job	999.00	32967.00
2.100	Carrying out complete servicing and overhauling of all mechanical and electrical mechanism of JYOTI make 11 KV HT VCBs installed in HT panels by providing trained service engineer with all tools and plant i/c attending all breakdown repairs during the period of contract complete as per detailed specifications of work and instructions of Engineer -in-charge.				
2.110	1st Year	4.00	Job	9999.00	39996.00
2.120	2nd Year	4.00	Job	9999.00	39996.00

Koimbatore

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Sl.No	Description of Work / Item(s)	No.of Qty	Units	CHENNAI ENGINEERING SERVICES(GSTN-33AADFC4373K1ZH)	
				Rate	Amount
3.00	SH:III Rate Contract for Power supply / Internal & External Electrical Installations.				
3.010	Execution of items of schedule of rates CPWD DSR-2018 as and when required for attending breakdowns, repair & maintenance and upkeep of electrical installations as per direction of E-I-C at different locations in Power supply HT & LT installations, Standby DG Sets, Internal & External electrical installations as per the special Terms and Condition in addition to General Terms and Condition of Contract as required. The bidder shall quote the rate in INR only for the job corresponding to Rs.5,00,000/- and percentage (%) above / below shall be calculated by AAI and paid accordingly after deducting GST component from the DSR-2018 rates.	1.00	Job	525000.00	525000.00
4.00	SH:IV Repair & Maintenance works for GLF Installations.				
4.010	Supply of following size 5KV grade Isolating Transformers for Runway lighting System				
4.110	200W, 20/6.6 Amps	20.00	Nos	5299.00	105980.00
4.120	100W, 20/6.6 Amps	10.00	Nos	3299.00	32990.00
4.130	100W, 6.6/6.6 Amps	10.00	Nos	3299.00	32990.00
4.140	15W, 20/6.6 Amps	20.00	Nos	2199.00	43980.00
4.150	15W, 6.6/6.6 Amps	30.00	Nos	2199.00	65970.00
4.200	Supply of following 5 KV grade plug and receptacle suitable of type I class B connector suitable for field attachment 5 KV grade PVC insulated PVC sheathed single core copper conductor cable conforming to the relevant IS specifications as required.				
4.210	6 sqmm	50.00	Set	449.00	22450.00
4.220	16 sqmm	50.00	Set	449.00	22450.00
4.300	Supply of 200mm dia. HDPE pipes of PN6 PE63 grade conforming IS 4984	240.00	Mtr	2499.00	599760.00
4.400	Cutting of cable groove with kerf cutting machine for laying following number of 2x4 Sqmm secondary leads meant for inset type runway edge light/Turn pad light fittings on the concrete/ bituminousrunway/ taxiway surface including kerfing, chiselling, cleaning and filling the groove with departmentally supplied sealant compound after laying secondary lead including jute covering for protection etc. as required.	50.00	Mtr	999.00	49950.00
	a) 01 run of cable				

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Sl.No	Description of Work / Item(s)	No.of Qty	Units	CHENNAI ENGINEERING SERVICES(GSTN-33AADFC4373K1ZH)	
				Rate	Amount
4.500	Installation of departmentally supplied cylindrical type transformer housing box in soil/ rain water drain filled with loose aggregate, along the runway shoulder by providing a base concrete of ratio 1:3:6 (1cement : 3 :coarse sand : 6 graded stone aggregate of 20 mm nominal size) of size 830 mm dia x 100mm thick and concrete of ratio 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate of 20mm nominal size) all around the CI box for 150 mm and coping up of top slope, including providing & fixing 150 mm long 15 mm dia "B" class G.I. pipe for drainage of water, fixing departmentally supplied 50mm dia DWC HDPE pipes for cable entry at 2 sides of CI box as required.	10.00	Job	1999.00	19990.00
4.600	Drilling of suitable horizontal directional bore across runway/ taxiway/road/pavement upto a depth of 3 metre and inserting departmentally supplied nominal 200 dia. HDPE pipe of 6mtr length including jointing the pipe, using necessary machineries, tools, materials and manpower, refilling the trench openings etc. as required..	240.00	Mtr	7999.00	1919760.00
Total Amount (Rs.)					49014949.00

(Rupees Four Crore Ninety Lakhs Fourteen Thousand Nine Hundred and Forty Nine Only) Plus applicable GST.

K. Devad
23/01/2024

Jt. Gen. Manager (Engg-Elect),
For and on behalf of Chairman, AAI,
AAI, Coimbatore International Airport.

कोयंबटूर अन्तरराष्ट्रीय हवाई अड्डा / Coimbatore International Airport, कोयंबटूर / Coimbatore - 641014

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