



भारतीय विमानपत्तन प्राधिकरण
AIRPORTS AUTHORITY OF INDIA



COIMBATORE INTERNATIONAL AIRPORT

सं.सं.:भा.वि.प्रा./सीबीई/(इ-वि)/ARMO-09/W-32/2019-20

Ref. No: AAI/CBE/(E-E)/ARMO-09/W-32/2019-20

दिनांक: 02.03.2020

द्रुत डाक द्वारा
BY SPEED POST

सेवा में /To

M/s. Bafna Electric Corp,
New # 221 (Old # 106), Govindappa Naicken Street,
Chennai – 600 001.

मेल आई.डी / Mail id: bafnaelectriccorp@gmail.com

Name of Work: ARMO of E & M installations at Coimbatore International Airport for the year 2019-20. SH: Supply of General Electrical Spares.

संदर्भ/Ref: 1) दि. 24.02.2020 को आपका वित्तीय बोली खोला गया। /Your Financial Bid Opened

on 24.02.2020. (E-bid No: 2020_AAI_42017_1)

महोदय/Dear Sir (s),

- उपर्युक्त कार्य के संबंध में आपका निविदा को अध्यक्ष, भारतीय विमानपत्तन प्राधिकरण की ओर से स्वीकृत किया गया है, मद के लिए आपके द्वारा उद्धृत राशि कुल रू. 5,14,546.00 प्लस जी.एस.टी सेवा कर भी जो न्यायोचित राशि रू. 6,55,461.00. से 21.50 % नीचे। 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 totalling to Rs. 5,14,546.00 (Rupees Five Lakhs Fourteen Thousand Five Hundred and Forty Six Only) excluding GST @ 18%, which is 21.50% below the estimated cost put to tender of Rs. 6,55,461.00 excluding GST.
- भा.वि.प्रा, कोयंबतूर अंतरराष्ट्रीय हवाई अड्डा के सहायक संयुक्त महाप्रबंधक (इंजि-वि), इस कार्य के इंजिनियर प्रभारी है। आपसे अनुरोध है कि दि. 12.03.2020 को, भा.वि.प्रा, कोयंबतूर हवाई अड्डा संयुक्त महाप्रबंधक (इंजि-वि), के कार्यालय आए और करार को हस्ताक्षरित करके पूरा करें। अनुबंध एग्निमेंट गैर न्यायिक स्टॉप कागज मूल्य रू. 100.00 (एक सौ मात्र) के लिए निष्पादित करना है और स्टैप कागज का मूल्य आपके द्वारा वहन किया जाएगा। 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 on or before 12.03.2020 to sign and complete the contract 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.
- अनुबंध निविदा के पृष्ठ 16 पर धारा के मुताबिक, आपके निविदा के साथ रू. 13,109.00 की अग्रिम राशि पर विचार किया जाएगा और उसे सुरक्षा जमा के एक हिस्से में परिवर्तित कर दिया जाएगा. आपके द्वारा निविदा के साथ सुरक्षा जमा राशि के भाग के रूप में माना जाएगा। यह पत्र जारी के 10 दिनों के अंदर रू. 38,346.00 को कृपया सुरक्षा राशि के रूप में जमा करें, जमा नहीं किया तो चालू बिलों से उपर्युक्त राशि की कटौती की जाएगी। The Earnest money amount of Rs.13,109.00 (Rupees Thirteen Thousand and One Hundred and Nine Only) received

COIMBATORE INTERNATIONAL AIRPORT, COIMBATORE - 641 014

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COIMBATORE INTERNATIONAL AIRPORT

along with your tender will be treated and converted as part of security deposit as per clause on page no.16 of contract document. Please deposit Rs 38,346.00 (Rupees Thirty Eight Thousand Three Hundred and Forty Six 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. कृपया ध्यान दें कि कार्य को करने के लिए अनुमत समय 2 महीने का होगा और इस पत्र के जारी होने के 10 वें दिन से इसे फिर से लिया जाएगा।/ Please note that the time allowed for carrying out the work shall be 2 Months and same shall be reckoned from the 10th day of issue of this letter.
5. आपूर्ति की पूर्णता की तारीख से दोष देयता अवधि 06 (छह) महीने होगी। दोषपूर्ण देयता अवधि के दौरान GLF वस्तुओं / पुर्जों की समयपूर्व विफलता के लिए ठेकेदार द्वारा मुफ्त प्रतिस्थापन किया जाएगा। The Defects Liability Period shall be 06 (Six) months from the date of completion of supply.
6. आपको तुरंत वरिष्ठ प्रबंधक (इंजीनियरिंग-इलेक्ट) II, एएआई, कोयंबटूर अंतरराष्ट्रीय हवाई अड्डे से संपर्क करने का निर्देश दिया जाता है जो आपको साइट को सौंपने की व्यवस्था करेगा। You are also directed to contact Sr.Manager (Engg-Elect), AAI, Coimbatore International Airport immediately who will arrange to handover the site to you.
7. आपसे अनुरोध है कि जीएसटीआईएन का जिक्र करते हुए जीएसटी अधिनियम के अनुसार वैध जीएसटी चालान जमा करने का अनुरोध किया जाए, जो कि जीएसटी दरों को लागू करता है और इनपुट टैक्स क्रेडिट विवरण इंगित करता है यदि एएआई कोयंबटूर जीएसटी का उल्लेख करने वाले बिलों को संसाधित करने के लिए कोई है। 33AAACA6412D1ZF/ You are requested to submit valid GST invoice as per GST act mentioning the GSTIN, indicating the GST rates applicable and input tax credit details if any for processing the bills mentioning the AAI Coimbatore GST no.33AAACA6412D1ZF.
8. अनुबंध के संबंध में कोई और पत्राचार आम तौर पर सहायक को संबोधित किया जाना चाहिए संयुक्त महा प्रबंधक (इ-वि), कोयंबटूर अंतरराष्ट्रीय हवाई अड्डे। Any further correspondence in connection with the contract should normally be addressed to the Jt. General Manager (Engg-Elect), AAI, Coimbatore International Airport.
9. कृपया इस कार्य आदेश की प्राप्ति को स्वीकार करें। Please acknowledge the receipt of this work order.

अनुलग्नक/Encl: अनुसूची/Schedule 'A'.

21/03/2020
संयुक्त महाप्रबंधक (इ-वि),
Jt. Gen. Manager (Engg-Elect)

Name of Work : ARMO of E & M Installations at Coimbatore International Airport for the year 2019-20.
SH: Supply of General Electrical Spares

Schedule A

Schedule of Quantities

Item No.	Description	Qty	Unit	Rate	Amount
1	Thermal Overload relay direct mounting type for operation of 415 V 3 Ph50 Hz supply as per following				
1.01	TR2-D09305 C&S (TC) make or equivalent with relay setting range of 0.63-1.00 A, suitable for 9 A contactor rating.	2	nos	668.00	1336.00
1.02	TR2-D65359 (2 NO + 2 NC) C&S (TC) make or equivalent with relay setting range of 48-65 A, suitable for contactor of 65 A rating.	2	nos	2050.00	4100.00
1.03	LR1F125 of C&S make or equivalent with setting range of 80-125A, suitable for 80 HP/ 59 KW rating.	2	nos	4100.00	8200.00
1.04	LR1F160 of C&S make or equivalent with setting range of 100-160A, suitable for 110 HP/80 KW rating.	2	nos	4100.00	8200.00
2	Supply of 3 pole Power Contactor with the AC1 duty as per following:				
2.01	200A, LC1 FDP 115A C&S (TC) make or equivalent.	1	nos	8800.00	8800.00
2.02	275A, LC1 FDP 185A C&S (TC) make or equivalent.	2	nos	14000.00	28000.00
3	Capacitor Duty Contactor suitable for KVAR rating 60 KVAR TC1-D60K12 C&S (TC) make or equivalent.	4	nos	6790.00	27160.00
4	Motor Protection Circuit Breaker TCMS - 32 S 32 A C&S (TC) make or equivalent.	1	nos	4110.00	4110.00
5	230 V AC control 4 pole Mini contactors of 2 NO and 2 NC C&S (TC) make TCA 2M 22 or equivalent.	12	nos	625.00	7500.00
6	24 V DC control 4 pole Mini contactors of 2 NO and 2 NC C&S (TC) make TCA 3M 22 or equivalent.	20	nos	850.00	17000.00
7	Auxiliary contact Blocks front mounted type 2 NO and 2 NC TC C&S (TC) make Cat ref no:TAI-M22 or equivalent.	4	nos	240.00	960.00
8	Breaker control switch (trip-neutral-close) with 1 NO+1NC of Salzer make or equivalent.	10	nos	830.00	8300.00

Item No.	Description	Qty	Unit	Rate	Amount
9	Supply of the following 3 pole MCCBs:				
9.01	125 A MCCB of L&T make Cat ref no: DZ1-160D of breaking capacity-36kA,with thermal magnetic release.	6	nos	5100.00	30600.00
9.02	160 A MCCB of L&T make Cat ref no: DZ1-160D of breaking capacity-36kA,with thermal magnetic release.	8	nos	6760.00	54080.00
9.03	400 A MCCB of L&T make Cat ref no: DN3-630N of breaking capacity-50kA,with thermal magnetic release.	4	nos	16575.00	66300.00
10	Extended rotary handle suitable for C&S make MCCBs of Cat ID: CS2B3.	4	nos	575.00	2300.00
11	Extended rotary handle suitable for C&S make MCCBs of Cat ID CS3B3.	4	nos	625.00	2500.00
12	Rotary handle suitable for C&S make MCCBS of Cat ID: CSCS 400EM.	4	nos	1900.00	7600.00
13	Line Voltage Monitor of GIC L&T make supply monitoring series - SM 500 of CAT ID MG73BH.	8	nos	1135.00	9080.00
14	Electronic timer- of GIC L&T make series MICON 175 ON DELAY of CAT ID: 12ODT4(R8) GIC.	6	nos	500.00	3000.00
15	Supply of following single pole MCB conforming to IEC 60898-1/IEC 60947-2 and breaking capacity of 15kA.				
15.01	6A C curve SP MCB	48	nos	230.00	11040.00
15.02	10 A C curve SP MCB	12	nos	230.00	2760.00
15.03	16 A C curve SP MCB	6	nos	230.00	1380.00
15.04	20 A C curve SP MCB	4	nos	230.00	920.00
15.05	32 A C curve SP MCB	12	nos	230.00	2760.00
15.06	10 A B curve SP MCB	12	nos	230.00	2760.00
15.07	16 A B curve SP MCB	12	nos	230.00	2760.00
16	Supply of Double Pole MCB with normal current rating as following conforming to IEC 60898-1/IEC 60947-2 and breaking capacity of 15kA.				
16.01	6A C curve DP MCB	2	nos	530.00	1060.00
16.02	10A C curve DP MCB	2	nos	530.00	1060.00
16.03	16 A C curve DP MCB	5	nos	530.00	2650.00
16.04	20 A C curve DP MCB	2	nos	530.00	1060.00

Item No.	Description	Qty	Unit	Rate	Amount
16.05	32 A C curve DP MCB	5	nos	530.00	2650.00
16.06	40A C curve DP MCB	6	nos	730.00	4380.00
17	Supply of Three Pole MCB with normal current rating as following with conforming to IEC 60898-1/IEC 60947-2 and breaking capacity of 15kA.				
17.01	32 A C curve TP MCB	4	nos	850.00	3400.00
17.02	63 A C curve TP MCB	4	nos	1190.00	4760.00
18	Supply of Four Pole MCB with normal current rating as following with conforming to IEC 60898-1/IEC 60947-2 and breaking capacity of 15kA.				
18.01	40 A C curve FP MCB	3	nos	1450.00	4350.00
18.02	63 A C curve FP MCB	3	nos	1450.00	4350.00
19	Supply of Isolator of no of poles and current rating as following with suitable for isolation as per IEC 60947-3, IS/IEC 60947-3 and suitable for mounting auxiliary contactor.				
19.01	40 A DP Isolator	1	nos	225.00	225.00
19.02	40 A FP Isolator	1	nos	500.00	500.00
19.03	100 A FP Isolator	2	nos	685.00	1370.00
20	Supply of following DC MCB conforming to IEC 60898-1/IEC 60947-2 and breaking capacity of 6kA.				
20.01	6A SP DC MCB	12	nos	250.00	3000.00
20.02	16 A DP DC MCB	6	nos	510.00	3060.00
21	Low voltage HRC fuses of rated voltage 415V of F1 size clip in type conforming to IEC-269 with breaking capacity 80 kA and rated current and as following.				
21.01	2A HRC fuse	5	nos	36.00	180.00
21.02	4A HRC fuse	5	nos	36.00	180.00
21.03	6A HRC fuse	5	nos	36.00	180.00
21.04	10A HRC fuse	5	nos	36.00	180.00
22	PVC insulated FRLS single core copper conductor cable of following size with ISI mark suitable for operation on 1100 V AC supply.				
22.01	Single core 1.5 Sqmm	10	coil	925.00	9250.00
22.02	Single core 2.5 Sq.mm	4	coil	1490.00	5960.00
22.03	Single core 4 Sq.mm	2	coil	2275.00	4550.00

Item No.	Description	Qty	Unit	Rate	Amount
23	PVC insulated PVC sheathed multi core copper conductor industrial flexible cable of following size with ISI mark suitable for operation on 1100 V AC supply.				
23.01	2 x 1.5 Sq.mm	200	mtr	26.00	5200.00
23.02	3 x 1.5 Sq.mm	200	mtr	36.00	7200.00
23.03	3 x 2.5 Sqmm	100	mtr	57.00	5700.00
23.04	4 x 2.5 Sqmm	100	mtr	77.00	7700.00
23.05	4 x 4 Sq.mm	100	mtr	115.00	11500.00
24	450mm sweep heavy duty exhaust fan with minimum speed of 1200 rpm air delivery of minimum 850 cmm suitable for mounting on wall for operation on 220V 50 Hz AC.	6	nos	3300.00	19800.00
25	Integral LED Pilot lamps as following suitable for operating at common voltage (AC/DC) 48V,24V,12V.Also available in 110V AC,110V DC,240V AC,220V DC as per site requirement.				
25.01	Red color pilot lamp	95	nos	80.00	7600.00
25.02	Blue color pilot lamp	60	nos	135.00	8100.00
25.03	Yellow/Orange/Amber color pilot lamp	70	nos	80.00	5600.00
25.04	White color pilot lamp	10	nos	135.00	1350.00
25.05	Green color pilot lamp	65	nos	80.00	5200.00
26	Electronic ballast suitable for 36W fluorescent lamp operating on 230V AC supply(Make Bajaj model E-SIGN 36W Electronic item code 040108/Equivalent in Philips/Crompton Greaves/Wipro).	50	nos	100.00	5000.00
27	Ballast suitable for 400W HPSV floodlight operating on 230 V 50Hz AC of make Crompton /Philips or as approved by EIC.	10	nos	1270.00	12700.00
28	400W HPSV tubular lamp with E-40 base operating on 230 V 50Hz C supply suitable for HPSV floodlight of Crompton/Philips make or as approved by EIC.	20	nos	400.00	8000.00
29	Analog timer (24 hrs) suitable for switching ON/OFF operation on 230 V AC supply (Make : L&T AUTS01ANA00) or equivalent.	10	each	2156.00	21560.00
30	Capacitor of 2.5 mF +/-5% 440 VAC 50 HZ.	25	nos	19.00	475.00

Total 514546.00

(Rupees Five Lakhs Fourteen Thousand Five Hundred Forty Six Only)

(Excluding GST)

AB
02/03/2020

Jt.Gen.Manager (E-E)