



भारतीय विमानपत्तन प्राधिकरण
AIRPORTS AUTHORITY OF INDIA



WORK ORDER

संदर्भ सं.: भा.वि.प्रा/सीबीआईए/इंजि(वि)/ ओ एंड एम टीबी /डब्ल्यू-12/2022-23

दि: 23.08.2022

Ref. No: AAI/CBIA/ENGG (E)/O&M TB /W-12/2022-23

Date: 23.08.2022

To

BY SPEED POST

M/s. Shraddha Engineering & Facility Services.,
1-1-100/1/3, NH -5 Road,
Sector-4, M.V.P Colony,
Vishakapatnam-530 017.
E-mail: shraddhaefs@gmail.com

कार्य का नाम: वर्ष 2022-23/2023-24 के लिए कोयंबटूर अंतरराष्ट्रीय हवाई अड्डे पर ई एंड एम प्रतिष्ठानों का एआरएमओ। उपशीर्ष: टर्मिनल भवन, लिफ्ट और एस्केलेटर और बैगेज हैंडलिंग सिस्टम का संचालन और रखरखाव। Name of Work: ARMO of E & M Installations at Coimbatore International Airport for the year 2022-23/2023-24. SH: Operation and Maintenance of Terminal Building, Lifts & Escalators and Baggage Handling System. (Tender ID: 2022_AAI_117809_1)

संदर्भ/ Ref: आपकी वित्तीय बोली 01.07.2022 को खोली गई/Your Financial Bid Opened on 01.07.2022.

प्रिय महोदय / Dear Sir,

- 1) उपरोक्त कार्य के लिए आपकी निविदा अध्यक्ष, भारतीय विमानपत्तन प्राधिकरण की ओर से आपके द्वारा उद्धृत मद दरों पर कुल रु. 2,68,28,401.00 (रुपये दो करोड़ अड़सठ लाख अट्ठाईस हजार चार सौ एक मात्र)। (साथ ही सभी वस्तुओं के लिए लागू जीएसटी) पर स्वीकार की जाती है, जो उचित लागत रु. 3,07,87,393.00 से 12.86% कम है। /Your 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.2,68,28,401.00 (Rupees Two Crore Sixty Eight Lakh Twenty Eight Thousand Four Hundred and One Only) which is 12.86 % below the justified cost of Rs. 3,07,87,393.00 (plus applicable GST for all items).
- 2) संयुक्त महा प्रबंधक (इंजीनियरिंग- विद्युत), भा.वि.प्रा, कोयंबटूर अंतरराष्ट्रीय हवाई अड्डा कार्य के प्रभारी अभियंता होंगे। आप से अनुरोध है कि आप संयुक्त महा प्रबंधक की कार्यालय में 15.09.2022 तक उपस्थित होने का कष्ट करें और समझौते पर हस्ताक्षर करने और उसे पूरा करें। अनुबंध रुपये सौ के मूल्य के गैर-न्यायिक स्टाम्प पेपर पर निष्पादित किया जाएगा। और स्टाम्प पेपर की लागत 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 15.09.2022 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.

Coimbatore International Airport, Coimbatore - 641 014

Phone/fax: 0422-2571668

Web Site: www.airportsindia.org.in



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- 3) कृपया रुपये रु. 26, 82,840.00 इस पत्र के जारी होने की तारीख से 10 दिनों के भीतर सुरक्षा जमा के रूप में जमा करें, ऐसा नहीं करने पर आपके चालू बिलों से राशि काट ली जाएगी। | Please deposit Rs. 26, 82,840.00 (Rupees Twenty Six Lakhs Eighty Two Thousand Eight Hundred and Forty 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 केन्द्रीय एवं राज्य सरकार द्वारा प्रावधान ठेका श्रम (विनियम एवं उन्मूलन) अधिनियम 1970 और ठेका श्रम (विनियम एवं उन्मूलन) केन्द्रीय नियम 1971 और न्यूनतम मजदूरी अधिनियम एवं नियमों 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) आपसे यह निर्देश दिया जाता है कि तुरंत भा.वि.प्रा, कोयंबतूर अंतरराष्ट्रीय हवाईअड्डा, के सहायक महा प्रबंधक (इ-वि) जो इस कार्य के परेषिती है और उनसे संपर्क करें। कृपया नोट करें कि इस कार्य करने की अनुमति 24 महीना है, और ये 01.09.2022 से 31.08.2024 तक होगी।/ 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. Please note that the time allowed for carrying out the work shall be 24 Months, which shall be reckoned from 01.09.2022 to 31.08.2024.
- 6) अनुबंध के संबंध में अन्य पत्राचार के लिए संयुक्त महा प्रबंधक (इ-वि), भा.वि.प्रा, कोयंबतूर अंतरराष्ट्रीय हवाईअड्डा 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.
- 7) कृपया पावती भेजें। / Please acknowledge the receipt.

K. D. Kulkarni
22/8/22

संयुक्त महा प्रबंधक (इ-वि),
Jt. Gen. Manager (Engg-Elect),
भा.वि.प्रा, कोयंबतूर अंतरराष्ट्रीय हवाईअड्डा,
AAI, Coimbatore International Airport.

अनुलग्नक/Encl: अनुसूची/Schedule 'A'.

Coimbatore International Airport, Coimbatore - 641 014

Phone/fax: 0422-2571668

Web Site: www.airportsindia.org.in

Schedule of Quantities

Schedule 'A'

Name of Work: ARMO of E & M Installations at Coimbatore International Airport for the year 2022-23/2023-24. SH: Operation and Maintenance of Terminal Building, Lifts & Escalators and Baggage Handling System.

Item. No	Description of work/ Item(s)	No. of Qty	Units	Rate(Rs.)	Amount(Rs.)
1	Operation and Maintenance of electrical and mechanical installations in terminal building, technical building, fire station, cargo complex, M.T. Building, Car parking, CISF Barracks and road lighting and other ancillary buildings, including carrying out the preventive maintenance and break down maintenance, minor additions & alterations on round the clock basis on all the days, holidays etc as directed by Engineer in - charge and as per the special conditions.	24	Month	571748.00	13,721,952.00
2	Operation and Daily maintenance of Elevator and Escalators installed in the Terminal Building, on round the clock basis on all the days, holidays etc as directed by Engineer - in - charge and as per the special conditions.	24	Month	179234.00	4,301,616.00
3	Operation and Daily maintenance of Siemens make Departure and Arrival Baggage Handling Systems installed in the Terminal Building on round the clock basis on all the days, holidays etc as directed by Engineer - in - charge and as per the special conditions.	24	Month	253312.00	6,079,488.00
4	Supply or Execution of scheduled items of internal and external works as per DSR/DAR 2018 as per site requirements as directed by Engineer-in-charge. The bidder shall quote the rate in INR only for the job corresponding to Rs.7,22,464/- and percentage (%) above / below shall be calculated by AAI and paid accordingly after deducting GST component from the DSR-2018 rates.	1	Job	400000.00	400,000.00
5	Supply of Plug top 5/6 A, 3 pin, 230 V electrical accessories as on required basis.	30	Each	40.00	1,200.00
6	Supply of Plug top 15/16 A, 3 pin, 230 V electrical accessories as on required basis.	30	Each	60.00	1,800.00
7	Supply of Remote Control calling bell use with AA pencil Battery (Batteries included), Duration 3 to 15 sec and easy to install as on required basis.	20	Each	150.00	3,000.00
8	Supply of AA type pencil battery for applications of AC remotes etc as required as on required basis.	10	Each	12.00	120.00
9	Supply of AAA type pencil battery for applications of AC remotes etc as required as on required basis.	10	Each	12.00	120.00
10	Supply of "C" Series MCB of DP 63A,10 kA rating suitable for operation at 415V 50 Hz AC as on required basis.	5	Each	1125.00	5,625.00
11	Supply of "C" Series MCB of TP 63A,10 kA rating suitable for operation at 415V 50 Hz AC as on required basis.	25	Each	1700.00	42,500.00
12	Supply of "C" Series MCB of FP 32A,10 kA rating suitable for operation at 415V 50 Hz AC as on required basis.	15	Each	1500.00	22,500.00
13	Supply of "C" Series MCB of FP 40A,10 kA rating suitable for operation at 415V 50 Hz AC as on required basis.	5	Each	2150.00	10,750.00
14	Supply of "C" Series MCB of FP 63A,10 kA rating suitable for operation at 415V 50 Hz AC as on required basis.	15	Each	2150.00	32,250.00

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Item. No	Description of work/ Item(s)	No. of Qty	Units	Rate(Rs.)	Amount(Rs.)
15	Supply of "C" Series MCB of FP 100A, 10 kA rating suitable for operation at 415V 50 Hz AC as on required basis.	10	Each	8500.00	85,000.00
16	Supply of 3C 1.5Sq.mm PVC insulated & FRPVC round sheathed Copper conductor (Flexible) Industrial cable, 1.1 KV grade conforming to IS 694 etc as required as on required basis.	750	mtr	50.00	37,500.00
17	Supply of 3C 2.5Sq.mm PVC insulated & FRPVC round sheathed Copper conductor (Flexible) Industrial cable, 1.1 KV grade conforming to IS 694 etc as on required basis.	900	mtr	85.00	76,500.00
18	Supply of 3C 4 Sq.mm PVC insulated & FRPVC round sheathed Copper conductor (Flexible) Industrial cable, 1.1 KV grade conforming to IS 694 etc as on required basis.	200	mtr	125.00	25,000.00
19	supply of 6mm SS Rope for 100 ft height of flag Mast & Highmast complete as on required basis.	180	mtr	198.00	35,640.00
20	Supply of 4Cx25 Sq.mm PVC insulated & FRPVC round sheathed Copper conductor (Flexible) Industrial cable, 1.1 KV grade conforming to IS 694 etc as on required basis.	100	mtr	995.00	99,500.00
21	Supply of 4Cx50 Sq.mm PVC insulated & FRPVC round sheathed Copper conductor (Flexible) Industrial cable, 1.1 KV grade conforming to IS 694 etc as on required basis.	50	mtr	1350.00	67,500.00
22	Supply of 15" inch Heavy duty industrial exhaust fan suitable for operation 230 V, 50 Hz Ac supply as on required basis.	5	Each	2150.00	10,750.00
23	Supply of 12" inch 300 mm sweep Heavy duty industrial exhaust fan suitable for operation 230 V, 50 Hz Ac supply as on required basis.	15	Each	1650.00	24,750.00
24	Supply of 9" inch Heavy duty industrial exhaust fan suitable for operation 230 V, 50 Hz Ac supply as on required basis.	5	Each	850.00	4,250.00
25	Supply of Wall Mounting Fan 400mm sweep suitable for operation 230 V, 50 Hz Ac supply as on required basis.	20	Each	1650.00	33,000.00
26	Supply of Pedestal fan 400mm sweep suitable for operation 230 V, 50 Hz Ac supply as on required basis.	10	Each	1800.00	18,000.00
27	Supply of 25mm X 16mm sizes ISI marked UPVC MAXI Trunking (casing & capping) including Cover etc as on required basis.	200	Mtr	36.00	7,200.00
28	Supply of 50mmX50mm sizes ISI marked UPVC MAXI Trunking (casing & capping) including Cover etc as on required basis.	75	Mtr	150.00	11,250.00
29	Supply of 75 mm X 50mm sizes ISI marked UPVC MAXI Trunking (casing & capping) including Cover etc as on required basis.	100	Mtr	255.00	25,500.00
30	Supply of 100 mm X 50mm sizes ISI marked UPVC MAXI Trunking (casing & capping) including Cover etc as on required basis.	50	Mtr	350.00	17,500.00
31	Supply of 150 mm X 50mm sizes ISI marked UPVC MAXI Trunking (casing & capping) including Cover etc as on required basis.	30	Mtr	850.00	25,500.00
32	Supply of Candle light 3W LED Filament lamp 2700K with operate at 230 V, 50 Hz AC supply etc as as on required basis.	40	Each	80.00	3,200.00
33	Supply of 9W LED Lamp 6500K with operate at 230 V, 50 Hz AC supply etc as on required basis. (Make: Havells CAT Ref. No.:LHLDEUEEML8R009, Panasonic CAT Ref.No: PBUM01097 OR equalant)	30	Each	100.00	3,000.00

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Item. No	Description of work/ Item(s)	No.of Qty	Units	Rate(Rs.)	Amount(Rs.)
34	Supply of 120W LED High bay light fixture with High pressure die cast aluminium/standard alloy housing frame. In addition to that > 4 KV built in surge protection driver.The luminaire shall be minimum IP65 protected with colour temperature range of 5700K $\pm$ 300K. The operating voltage range should be AC 140-270V complete with all necessary accessories and as per technical specifications as required.	30	Each	10000.00	300,000.00
35	Supply of 36W recessed mounted LED 2X2 luminaire (full glow) with CRCA steel sheet housing with opal acrylic diffuser fixed in separate CRCA steel sheet frame with (including frame) operating voltage range (140-270V AC). LED driver with warm white/cool white color and as per technical specifications enclosed in tender document. complete accessories as on required basis.	100	Each	1450.00	145,000.00
36	Supply of 36W ultra slim type recessed mounted LED 2X2 luminaire (full glow) with CRCA steel sheet housing with opal acrylic diffuser, suitable to operating voltage range (140-270V AC). LED driver with warm white/cool white and as per technical specifications enclosed in tender document. complete accessories as on required basis.	50	Each	1850.00	92,500.00
37	Supply of self ballasted 18 W LED lamp equivalent to 36W Fluorescent tube light and suitable for retrofitting in the existing Mirror optic fitting, along with driver, other accessories as required as per technical specification mentioned in the tender document. (Make: Havells CAT Ref. No.:LHLDDCXCML8Q020, Crompton CAT Ref.No: LGT8-20-865-2 OR equalant)as on required basis.	100	Each	365.00	36,500.00
38	Surface/wall mtd battern LED lighting fixture housing inwhite powder coated CRCA housing, pre-wired (double side) frame and suitable to LED tube operate at 230 V, 50 Hz AC supply etc as on required basis.	100	Each	200.00	20,000.00
39	Supply of recess mounting round profile COB LED down lighting fixture with extruded polycarbonate LED of having 12W,suitable to operating voltage range (140-270V AC), LED driver with warm white/cool white color etc complete as on required basis.	10	Each	700.00	7,000.00
40	Supply of recess mounting round profile LED lighting fixture with extruded polycarbonate LED of having 15W, with warm white/cool white color etc complete as on required basis.	150	Each	600.00	90,000.00
41	Supply of surface mounting square batten with extruded polycarbonate LED tube of having 10W, with warm white/ white color etc complete as required as per technical specifications as on required basis. . (Make: Panasonic CAT Ref. No.:PBTM01103, Polycab CAT Ref.No: LD00103028 OR equalant)	5	Each	198.00	990.00
42	Hiring and running charges for tele handler service including taking passes to enter the premises at Coimbatore international Airport as on required basis.	15	hours	1000.00	15,000.00
43	Supply of MCCB of FP160A, 25KA rating suitable for operation at 415V 50 Hz AC complete as on required basis.	3	Each	10250.00	30,750.00

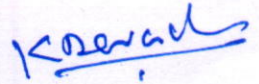
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Item. No	Description of work/ Item(s)	No. of Qty	Units	Rate(Rs.)	Amount(Rs.)
44	Supply of Automatic touch less automatic hand sanitizer dispenser with 5 liter capacity suitable to operate 240 V, 50Hz supply etc as required.	5	Each	3650.00	18,250.00
45	Supply of portable Monoblock pump, Power rated-1 kw to 1.5 Kw, working Voltage range 180-240 V single phase, as required.	1	Each	8500.00	8,500.00
46	Spray painting of electrical Panels at various locations with enamel paint of required colour, approved brand and manufacturer as on required basis.	100	Sq.mtr	300.00	30,000.00
47	Powder coated painting of electrical Panels at various locations with enamel paint of required colour, approved brand and manufacturer as on required basis.	100	Sq.mtr	350.00	35,000.00
48	Supply of SMC cable junction box with cover (IP 65) suitable for incoming cable 4 x 25 sqmm copper cable including terminal connector of suitable rating for cable (one incoming + one / two outgoing) etc. complete as on required basis.	10	Each	925.00	9,250.00
49	Supply of portable three phase extension cable drum/roller/ Reel with cable(5Cx 6sq.mm = 25 meters) and movable trolley wheel arrangement, 1 no's 32 A incoming plug Terminal and Outgoing 2 no's 16A (3 pin) Schuko socket type, & 2 no's 16A (3 Pin)socket, Complete as on required basis.	1	Each	25000.00	25,000.00
50	Supply of 12V/7 Ah SMF VRLA type Batteries, Complete as on required basis.	10	Each	925.00	9,250.00
51	Supply of "B" Series MCB of single pole, 6-32A,10kA rating suitable for operation at 230V 50 Hz AC,Complete as on required	10	Each	150.00	1,500.00
52	Supply of 4C 10 Sq.mm PVC insulated & FRPVC round sheathed Copper conductor (Flexible) Industrial cable, 1.1 KV grade conforming to IS 694 etc as on required basis. (100 mtr each coil)	2	Each	40000.00	80,000.00
53	Supply of 2.5 MFD fan capacitor for Ceiling fans, suitable for operation 230 V, 50 Hz Ac supply as on required basis.	15	Each	60.00	900.00
54	Supply of Tube light starter, suitable for operation 230 V, 50 Hz Ac supply as on required basis.	15	Each	50.00	750.00
55	Supply of surface mounting square type surface box LED of having 6 watts, suitable to operating voltage range (140-270V AC), LED driver with warm white/cool white color etc complete as on required basis.	10	Each	300.00	3,000.00
56	Supply of surface mounting square type, surface box LED of having 18 watts, suitable to operating voltage range (140-270V AC), LED driver with warm white/cool white color etc complete as on required basis.	10	Each	600.00	6,000.00
57	Supply of manpower for maintenance/ repairing works of electrical and mechanical installations in terminal building, technical building, fire station, cargo complex, M.T. Building, Car parking, CISF Barracks and road lighting and other ancillary buildings, including break down maintenance, minor additions & alterations on round the clock basis, carrying out exigencies works etc...as on required basis.				
57.1	Skilled	100	Day	860.00	86,000.00
57.2	Semi-skilled	200	Day	840.00	168,000.00

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Item. No	Description of work/ Item(s)	No.of Qty	Units	Rate(Rs.)	Amount(Rs.)
57.3	Unskilled	200	Day	804.00	160,800.00
58	Supply of 30 W LED drive for retrofitting to Existing 36W recessed mounted 2X2 LED lights, suitable for operation at 230V 50 Hz AC, Complete as on required basis.	100	Each	650.00	65,000.00
59	Supply of 36W recessed mounted LED 1X4 luminaire (full glow) with CRCA steel sheet housing with opal acrylic diffuser fixed in separate CRCA steel sheet frame with (including frame) operating voltage range (140-270V AC). LED driver with warm white/cool white color and as per technical specifications enclosed in tender document. complete accessories as on required basis.	10	Each	2000.00	20,000.00
60	Supply of recess mounting round profile LED lighting fixture with extruded polycarbonate LED of having 24W, with warm white/cool white color etc complete as on required basis.	130	No's	1000.00	130,000.00
	Total Amount(Rs.)				26,828,401.00

(Rupees Two Crore Sixty Eight Lakhs Twenty Eight Thousand Four Hundred and One only) Plus applicable GST for all items.



Jt.Gen.Manager (Engg-Elect)
AAI, Coimbatore International Airport