

भारतीय विमानपत्तन प्राधिकरण
पश्चिमी क्षेत्र मुख्यालय



AIRPORTS AUTHORITY OF INDIA
WESTERN REGION HQRS.

सं.संख्या: भाविप्रा/पक्षे/मुंबई/समप्र(अभि.वि.)-एटीएस/सीडब्ल्यू/काआ-03/2025-26 /02
Ref.No.: AAI/WR/MUM/AGM(E-E)-ATS/CW/WO-03/2025-26 /02

दिनांक : 03.06.2025
DATE : 03.06.2025

BY SPEED POST / E-mail

प्रति, / To,

मेसर्स. ब्राइट इंडस्ट्रीज़, / M/s. Brite Industries,

209, दूसरी मंजिल, लोढ़ा सुप्रीमस, / # 209, 2nd Floor, Lodha Supremus,

कमर्शियल टॉवर, लोढ़ा न्यू कफ परेड, / Commercial Tower, Lodha New Cuffe Parade,

वडाला ट्रक टर्मिनल, वडाला, / Wadala Truck Terminal, Wadala,

मुंबई - 400 037 / Mumbai - 400 037.

Email : afzal@briteinds.com

विषय/Sub : "एटीएस कॉम्प्लेक्स, मुंबई में मौजूदा वाटर कूल्ड चिलर प्लांट का प्रतिस्थापन। (निविदा आई.डी.: 2025_भाविप्रा_225413_1)" / "Replacement of existing water cooled chiller plants at ATS Complex, Mumbai. (Tender ID: 2025_AAI_225413_1)"

संदर्भ / Ref. : आपकी वित्तीय बोली दिनांक 28.04.2025 को खुला। / Your Financial Bid is opened on 28.04.2025.

महोदय / Sir,

- उपरोक्त कार्य के लिए आपकी निविदा अध्यक्ष, भारतीय विमानपत्तन प्राधिकरण की ओर से आपके द्वारा उद्धृत मद दरों पर स्वीकार की जाती है जो कुल रु. 63,50,367.50 (रुपये तिरसठ लाख पचास हजार तीन सौ सड़सठ और पचास पैसे मात्र) (जीएसटी रहित), जो निविदा में रखी गई अनुमानित/उचित लागत रु. 84,72,256.00 (जीएसटी रहित) से 25.05% नीचे है। वैध टैक्स चालान के खिलाफ जीएसटी का भुगतान किया जाएगा। कृपया कर चालान में महाराष्ट्र राज्य के लिए AAI GST no. 27AAACA6412D1Z8 उद्धृत करें।
- 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. 63,50,367.50 (Rupees Sixty Three Lakhs Fifty Thousand Three Hundred Sixty Seven and Paise fifty only) (excluding GST) which is 25.05% below the estimated/justified cost put to tender of Rs. 84,72,256.00 (excluding GST). GST will be paid against Valid Tax invoice. Please quote AAI GST no.27AAACA6412D1Z8 for Maharashtra State in Tax Invoice.
- सहायक महाप्रबंधक (अभि.विद्युत), भाविप्रा, एटीएस कॉम्प्लेक्स, क्षेत्रीय मुख्यालय, पश्चिम क्षेत्र, मुंबई कार्य के प्रभारी अभियंता होंगे। आपसे अनुरोध है कि आप सहायक महाप्रबंधक (अभि.विद्युत), भाविप्रा, क्षेत्रीय मुख्यालय, पश्चिम क्षेत्र, मुंबई के कार्यालय में दिनांक 13.06.2025 तक उपस्थित रहकर हस्ताक्षर करने तथा करार की कार्यवाही पूर्ण करने का कष्ट करें। ठेका करार का निष्पादन 100/- रुपये (केवल एक सौ रुपये) के गैर-न्यायिक स्टैम्प पेपर पर किया जाएगा तथा स्टैम्प पेपर का खर्च आपके द्वारा वहन किया जाएगा।
- Asstt.General Manager (Engg.-E.), AAI, ATS Complex, Regional Head Quarter, Western Region, Mumbai shall be the Engineer-In-Charge of the work. You are requested to attend the office of the Asstt.General Manager (Engg.-E.), AAI, ATS Complex, Regional Head Quarter, Western Region, Mumbai by 13.06.2025 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.
- आपसे अनुरोध है कि इस पत्र के जारी होने की तिथी से 10 दिनों के भीतर सुरक्षा राशि जो टेंडर राशि के 10 % है को प्रस्तुत करें, अन्यथा अनुबंध के पृष्ठ 56 पर शर्त के अनुसार आपके बिल से काटा जाएगा।
- You are requested to furnish security deposit @ 10 % of tendered amount within 10 days from the date of issue of this letter, failing which the same will be deducted from your bill as per condition on page 56 of the contract document.
- आपसे अनुरोध है कि ठेका श्रम (विनियमन और उन्मूलन) अधिनियम 1970 और ठेका श्रम (विनियमन और उन्मूलन) केंद्रीय नियमावली 1971 और केंद्रीय एवम राज्य सरकारों के न्यूनतम वेतन तथा उससे संबंधित अन्य नियमों के प्रावधानों का पालन करें।

3/6/25
AFM(E-E)

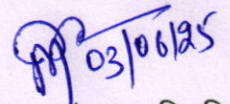
श्री. मुकेश मीना / Shri. Mukesh Meena
अभि. विद्युत / Asstt. Gen. Manager (Engg.-Elect.)
भारतीय विमानपत्तन प्राधिकरण, अभि. विद्युत विभाग,
Airports Authority of India, Engg.-Elect. Wing,
पश्चिमी क्षेत्र मुख्यालय, एटीएस कॉम्प्लेक्स, लोढ़ा न्यू कफ परेड,
वडाला, मुंबई - 400 037.

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4. You are requested to comply with the provisions of contract labour (Regulation and abolition) Act of 1970 and contract labour (Regulation & abolition) Central rules 1971 and minimum wages Act & rules of central, and state Governments with its upto date amendments thereof.
5. आपको यह भी निर्देश दिया जाता है कि आप तुरंत सहायक प्रबंधक (अभि.वि.), भाविप्रा, एटीएस कॉम्प्लेक्स, मुंबई से संपर्क करें जो आपको साइट सौंपने की व्यवस्था करेंगे।
5. You are also directed to contact Asstt. Manager (Engg.-E.), AAI, ATS Complex, Mumbai immediately who will arrange to hand over the site to you.
6. कृपया यह भी नोट कर ले कि निविदा के अनुसार कार्य निष्पादन हेतु अनुमत समय 06 (छह) महीने है, जिसकी गणना 13.06.2025 से 12.12.2025 तक की जाएगी।
6. Please note that the time allowed for carrying out the work is 06 (Six) months, which shall be reckoned from 13.06.2025 to 12.12.2025.
7. इस ठेके के संबंध में कोई और पत्राचार सामान्य रूप से सहायक महाप्रबंधक (अभि.विद्युत), भाविप्रा, एटीएस कॉम्प्लेक्स, क्षेत्रीय मुख्यालय, पश्चिम क्षेत्र, मुंबई को संबोधित किया जाना चाहिए।
7. Any further correspondence in connection with the contract should normally be addressed to the Asstt. General Manager (Engg.-E.), AAI, ATS Complex, Regional Head Quarter, Western Region, Mumbai.
8. ऊपर उल्लिखित सभी पत्र अनुबंध का हिस्सा होंगे।
8. All the letters referred above shall form part of contract.
9. कृपया इस पत्र की प्राप्ति सूचना दें तथा इसके साथ संलग्न अनुप्रति पर हस्ताक्षर करके टोकन के प्रतिग्रहण के रूप में अधोहस्ताक्षरी को वापस भेजे।
9. 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.
10. कार्य आदेश के संबंध में किसी प्रकार की टंकनीय त्रुटी/विसंगति होने पर अंग्रेजी संस्करण मान्य होगा।
10. With reference to this work order, if in case of any typographical mistake / discrepancy arise, the English version shall prevail.

धन्यवाद, / Thanking You,

भवदीय / Yours faithfully,



सहायक महाप्रबंधक (अभि.-विद्युत),
Asstt. General Manager (Engg.-E.),

कृते तथा ओर से, अध्यक्ष, भारतीय विमानपत्तन प्राधिकरण
For and on behalf of Chairman, Airports Authority of India

संलग्न / Encl. : मात्रा का बिल / Bill of quantities.

श्री. मुकेश मीना / Shri. Mukesh Meena
सहायक महाप्रबंधक (अभि.-विद्युत) / Asstt. Gen. Manager (Engg.-Elect.)
भारतीय विमानपत्तन प्राधिकरण, अभि.-विद्युत विभाग,
Airports Authority of India, Engg.-Elect. Wing,
ए.टी.एस. कॉम्प्लेक्स, मुंबई, WR
फ़ोन : 400 099 / 400 039

AIRPORTS AUTHORITY OF INDIA
ENGINEERING ELECTRICAL WING, ATS COMPLEX, MUMBAI - 400 099.

Name of Work : Replacement of existing water cooled chiller plants at ATS Complex, Mumbai. (Tender ID: 2025_AAI_225413_1)

Bill of Quantities (B.O.Q.)

Sl. No.	Description of Items	Item No.	Quantity	Units	Rate (Excl.GST) Rs.	Amount (Excl.GST) Rs.
1	2	3	4	5	6	7
1	SH-I : S.I.T.C. of chiller works					
2	Supply, Installation, Testing and commissioning of microprocessor controlled water cooled screw chiller of 180 TR or above suitable for operation on 415 +/- 10% Volt 3 Phase, 50 cycles power supply controlled with Variable Frequency Drive(VFD) suitable starter including shell and tube type chiller, shell and tube type water cooled condenser, metic / semi hermetic screw compressors with refrigerant cooled motor, refrigerant- R134a or as per manufacturer recommendations. Oil and refrigerant pumping system, control wiring complete with accessories and safety controls alongwith microprocessor control panel with open protocol for hook up with BMS as per specifications. The chiller package shall be assembled on a common fabricated out of steel frame to form compact unit. The Chiller to be installed on existing foundation by preparing addition RCC foundation pedestal of minimum 01 feet height and required length and width as per chiller size. Necessary modification/civil work in existing wall structure required for entry and exit of the chiller plant and making all good after the work is in the scope of agency and nothing extra will be paid on this account. The following are the design parameters : Chilled water Leaving Temp. : 6.7 degree C Chiller water Entering Temp. : 12.2 degree C Condenser water Leaving Temp. : 36.4 degree C Condenser water Entering Temp. : 32.2 degree C Chiller Fouling Factor : 0.0001 hr. sq.m.degree C difference / K.Cal Condenser FF : 0.0002 hr. sq.m.degree C difference / K.Cal Following parameters as per ARI 550/590-2013- Minimum IPLV : 0.5 Maximum IKW/TR : 0.65 Minimum COP at ARI Condition : 5.4	Item No.1	1	Each	3610000.00	3610000.00
3	Dismantling of existing Chiller / Condensor water piping connections along with cables, shifting of 2 nos. 120 TR Voltas make reciprocating type Chiller from Plant room to nearby store location or at suitable location as per direction of E-I-C.	Item No.2	1	Job	35000.00	35000.00
4	Supplying, laying/ fixing, testing and commissioning of Chilled water piping of nominal size 150mm dia. (32mm thick nitrile rubber insulation) inside the building (with all accessories, clamp, MS support structure, tees, elbows, reducer, union, flanges, rubber gaskets, vibration isolators, MS nuts bolts, washers, etc but excluding valves, strainers, gauges, etc.) duly insulated with following closed cell elastometric nitrile rubber of minimum 45 Kg / cu m density, thermal conductivity 0.037 W/mK or better at 20 deg mean temperature class 'O' insulation applied by suitable rubber based adhesive complete including repairing of damage to building etc. as per specifications and as required complete in all respect. <i>Note:-The Pipes of sizes 150mm & below shall be M.S. 'C' class as per IS : 1239 and pipes size above 150mm shall be welded black steel pipe heavy class as per IS: 3589, from minimum 6.35mm thick M.S. Sheet for pipes upto 350 mm dia. and from minimum 7mm thick MS sheet for pipes of 400 mm dia and above.</i>	Item No.3	20	Metres	3200.00	64000.00

03/06/25
ACM/CE-t)

श्री. मुकेश मीना / Shri. Mukesh Meena
सहायक महाप्रबंधक (अधि. विद्युत) / Asstt. Gen. Manager (Engg.-Elect.)
भारतीय विमानपत्तन प्राधिकरण, अधि. विद्युत विभाग,
Airports Authority of India, Engg.-Elect. Wing,
क्षेत्रीय मुख्यालय, ए. अ. / P.H.Q. WR
मुंबई - 400 099 / Mumbai - 400 099.

Sl. No.	Description of Items	Item No.	Quantity	Units	Rate (Excl.GST) Rs.	Amount (Excl.GST) Rs.
1	2	3	4	5	6	7
5	Supplying, fixing, testing and commissioning of condenser water piping of nominal size - 150 mm. dia. of MS 'C' class along with all accessories, clamp, MS support structure, tees, elbows, reducer, union, flanges, rubber gaskets, vibration isolators, MS nuts bolts, washers, etc. but excluding valves, strainers, gauges, etc. adequately supported on rigid supports duly painted/buried in ground excavation and refilling, etc. as per specification and as required complete in all respect. Note:- The Pipes size 150 mm. & below shall be M.S. 'C' class as per IS : 1239 and pipes size above 150 mm. shall be welded black steel pipe heavy class as per IS: 3589, from minimum 6.35 mm. thick M.S. Sheet for pipes upto 350 mm. dia. And from minimum 7mm thick MS sheet for pipes of 400 mm. dia. and above.	Item No.4	20	Metre	2300.00	46000.00
6	SITC of 150 mm. dia. INSULATED BALANCING VALVE with built in measuring facility with CI body flanged construction with EPDM coated disc with long pitch with protected out pipe insulation of PN-16 pressure rating for chilled/hot water circulation.	Item No.5	1	No	45000.00	45000.00
7	Supplying, fixing, testing and commissioning of 150 mm.dia.BUTTERFLY VALVE (MANUAL - With Gear Operated) with C.I body SS disc nitrile sheet & O - ring & PN 16 pressure rating.	Item No.6	4	Nos	5700.00	22800.00
8	S.I.T.C. of 150 mm. dia.BUTTERFLY VALVE with built in measuring facility with CI body flanged construction with EPDM coated disc with long pitch and PN-16 pressure rating for condenser water circulation as specified:	Item No.7	1	No	4200.00	4200.00
9	Supplying, fixing, testing and commissioning of single 150 mm. dia.Arch rubber bellow suitable for PN16 rating	Item No.8	2	Nos	8500.00	17000.00
10	Supplying, fixing, testing and commissioning of Diffrential pressure switch for evaporator and condenser of the above chiller.	Item No.9	2	Each	2500.00	5000.00
11	Providing and fixing in position the industrial type pressure gauges with U type syphon and gun metal / brass valves, etc. complete as required	Item No.10	2	Each	2500.00	5000.00
12	Providing & fixing in position the mercury in glass industrial type thermometers.	Item No.11	2	Each	2500.00	5000.00
13	Supply of 3.5C x 150 Sq.mm. sizes of 1.1 KV grade multicore copper conductor XLPE insulated and PVC sheathed armoured cable as per IS-1554 (Part-I) 1988/IS-7098 (Part-I) 1985 respectively with upto date ammendments.	Item No.12	100	Metre	7300.00	730000.00
14	Laying and fixing of one number PVC insulated and PVC sheathed / XLPE power cable of 1.1 KV grade of following size on cable tray as required. Above 95 sq. mm and upto 185 sq.mm. (clamped with 25/40 x 3 mm. MS flat clamp)	Item No.13	40	Metre	150.00	6000.00
15	Laying and fixing of one number PVC insulated and PVC sheathed / XLPE power cable of 1.1 KV grade of following size on wall surface as required. Above 95 sq. mm and upto 185 sq. mm (clamped with 25/40 x 3 mm. MS flat clamp)	Item No.14	20	Metre	150.00	3000.00
16	Supplying and installing of size (225 mm. width X 50 mm. depth X 1.6 mm. thickness) perforated Hot Dipped Galvanised Iron cable tray cable tray with perforation not more than 17.5%, in convenient sections, joined with connectors, suspended from the ceiling with G.I. suspenders including G.I. bolts & nuts, etc. as required.	Item No.15	20	Metre	550.00	11000.00
17	Supplying and laying 25 mm. X 5 mm. G.I strip at 0.50 metre below ground as strip earth electrode, including connection/ terminating with G.I. nut, bolt, spring, washer etc. as required. (Jointing shall be done by overlapping and with 2 sets of G.I. nut bolt & spring washer spaced at 50 mm.)	Item No.16	30	Metre	150.00	4500.00
18	Providing and fixing 25 mm. X 5 mm copper strip in 40 mm. dia. G.I. pipe from earth electrode including connection with brass nut, bolt, spring, washer excavation and re-filling, etc. as required.	Item No.17	20	Metre	1750.00	35000.00

3/6/25
AGMCE-E

श्री. मुकेश मीना / Shri. Mukesh Meena
सहायक महाप्रबंधक (अभि.-विद्युत) / Asstt.Gen.Manager (Engg.-Elect.)
भारतीय विमानपत्तन प्राधिकरण, अभि.-विद्युत विभाग,
Airports Authority of India, Engg.-Elect. Wing,
श्रीरंग मण्डल, कोलकाता - 700 099.
मोबाई - 400 099 / 400 099

Sl. No.	Description of Items	Item No.	Quantity	Units	Rate (Excl.GST) Rs.	Amount (Excl.GST) Rs.
1	2	3	4	5	6	7
19	Supplying and making end termination with brass compression gland and copper lugs for size of 3½ X 150 sq.mm. (50 mm.) PVC insulated and PVC sheathed / XLPE copper conductor cable of 1.1 KV grade as required.	Item No.18	4	Set	8500.00	34000.00
20	SITC of 400A MCCB 4-pole, 50ka, Ics=Icu,415 volt AC, 50 HZ thermal magnetic release type (Conforms to IS/IEC:60947-2)with Extended Terminals, separators, suitable operating handle including modification in the existing LT panel suitable for this MCCB i.e. Cutting and fabrication work in panel, mounting of the MCCB with required mounting arrangements, interconnecting the MCCB with the help of bus bar (min. 400 A current rating) for connection with incomer and outgoing bus bar, works also included the dismantling of the existing switch fuse units etc complete as required as per the direction. (Note: Work to be carried out in the existing LT panel for which shutdown to be taken in co-ordination with the various agencies)	Item No.19	1	Each	45000.00	45000.00
21	Dismantling of existing 06 nos. Fan Coil Units along with their Chilled / Condensor water piping connections and cables, approx. 100 mm.dia. MS pipe including providing blanking of existing chilled water pipe and making all good. Job includes shifting of dismantled material to store as directed by AAI.	Item No.20	1	Job	35000.00	35000.00
22	SH-II (A.I.C.M.C. - All Inclusive Comprehensive Maintenance Contract)					
23	All inclusive comprehensive maintenance contract for above installation i.e. chiller plant, valves and gauges, etc. Job includes attending all complaints in all days including Saturday, Sunday and Holiday, descaling works once in a year and further as required, repairs / rectification work, supply and replacement of required spares / accessories/ parts, gas charging, consumables, rewinding works, monthly servicing visit, overhauling as required, periodic inspection, schedule / preventive / breakdown maintenance activities as per detailed specifications, terms and conditions and scope of work covered under this contract, etc. as required. The rate shall be inclusive of all spares and consumables required for complete system.	Item No.21				
24	1st Year post DLP	Item No.21 (a)	1	Year	287364.00	287364.00
25	2nd Year post DLP	Item No.21 (b)	1	Year	301732.20	301732.20
26	3rd Year post DLP	Item No.21 (c)	1	Year	316818.81	316818.81
27	4th Year post DLP	Item No.21 (d)	1	Year	332659.75	332659.75
28	5th Year post DLP	Item No.21 (e)	1	Year	349292.74	349292.74
					Total Rs.	6350367.50
					Excluding GST	
(Total Rupees : Sixty Three Lakhs Fifty Thousand Three Hundred Sixty Seven and Paise Fifty only) Excluding GST						
Signature Not Verified Asstt.General Manager (Engg.-Elect.) LATS Complex, Mumbai.						

Signature Not Verified

Digitally signed by MUKESH MEENA
Date: 2025.06.05 17:34:33 IST
Location: eProcurement System for Central PSUs

Asstt.General Manager (Engg.-Elect.)
ATS Complex, Mumbai.

श्री. मुकेश मेना / Shri. Mukesh Meena
Asstt.Gen.Manager (Engg.-Elect.)
आय.प्र.सं.प्राधिकरण, अ.प्र. विद्युत वि.
आय.प्र.सं.प्राधिकरण, अ.प्र. विद्युत वि.
मुंबई - 400 099 / Mumbai - 400 099.