



भारतीय विमानपत्तन प्राधिकरण AIRPORTS AUTHORITY OF INDIA

सं.: भा.वि.प्रा./वृत्त-III/बस लाउंज ए.सि./2022-23/353

दिनांक: 28.09.2022

No. AAI/Circle-III/Bus Lounge AC/2022-23/353

To,

M/s. Voltas Ltd.

Godrej Water Side Tower - 2,

8th Floor, Plot No. 5, Block DP,

Sector V, Salt Lake, Sector V,

Salt Lake, Kolkata - 700091

e-mail: subhrojyotidutta@voltas.com

कार्य का नाम : ने.सु.च.बो.आ. हवाई अड्डा कोलकाता के एकीकृत यात्री टर्मिनल पर क्षमता वृद्धि के लिए कार्य का अनुपूरक कार्यक्षेत्र। उपशीर्ष: वातानुकूलन कार्य

Name of work: Supplementary scope of work for capacity enhancement at integrated passenger terminal of NSCBI Airport, Kolkata. **SH:** Air Conditioning work.

संदर्भ /Ref. Tender ID: 2022_AAI_120787_1

महोदय/Dear Sir (s),

- 1) उपर उल्लेखित कार्य हेतु आपका दरों को अध्यक्ष, भारतीय विमानपत्तन प्राधिकरण की ओर से स्वीकृत किया जाता है, आपके द्वारा बताए गए मूल्यों पर आपकी निविदा राशि वस्तु एवं सेवाकर रहित, कुल **रु.69,96,948/-** (रुपये उनहतर लाख छियानबे हजार नौ सौ अड़तालीस) है, जो कि निविदा की उचित लागत राशि रु.1,08,66,094/- से 35.61% कम है। काम की अनुसूची इसके साथ संलग्न है।

Your quoted rates for the work mentioned above is hereby accepted on behalf of the Chairman, Airports Authority of India totaling to **Rs.69,96,948/- (Rupees Six-nine Lakhs Ninety-six Thousand Nine Hundred and Forty-eight)** Only, excluding of GST (which shall be paid extra), which is 35.61% below the justified cost of Rs.1,08,66,094/- only. Schedule of work is enclosed herewith.

- 2) उप महा प्रबंधक (अभि.-वि.)-III, भा.वि.प्रा., ने.सु.च.बो.अं. कोलकाता हवाईअड्डा, इस कार्य के प्रभारी अभियंता होंगे। आपसे निवेदन है कि आप दिनांक 10/10/2022 तक उप महा प्रबंधक (अभि.-वि.)-III, भा.वि.प्रा., ने.सु.च.बो.अं. कोलकाता हवाईअड्डा के कार्यालय में उपस्थित हो तथा करारनामे को हस्ताक्षरित करें। ठेके का करारनामा रु.100/- मात्र के गैर न्यायिक स्टाम्प पेपर पर निष्पादित किया जाएगा, तथा पेपर का खर्च आपके द्वारा वहन किया जाएगा।

Dy. Gen. Mgr. (Engg. - Elect.) - III, AAI, Kolkata, shall be Engineer-In-Charge of the work. You are requested to attend the O/o Dy. Gen. Mgr.

28/9/2022



(Engg. - Elect.) - III, AAI, Kolkata - 700 052, on or before 10.10.2022 to sign and complete the contract agreement. The contract agreement shall be executed on non-judicial stamp paper of Rs.100.00 (Rupees one hundred only) and cost of the stamp paper shall be borne to you.

- 3) कृपया एएआई प्रोफार्मा के अनुसार एवं जीसीसी के प्रासंगिक खंड के अनुपालन में इस पत्र के जारी होने की तारीख से 10 दिनों के अंदर बैंक गारंटी के रूप में सुरक्षा जमा, राशि @ 10% रु 6,99,695/- (रुपये छह लाख निन्यानवे हजार छह सौ पंचानवे) मात्र - जमा करें। असफल होने पर यह आपके बिलों से घटाया जाएगा और प्रणाली को सौंपने और एएआई द्वारा स्वीकार करने की तारीख से 12 महीने की दोष देयता अवधि के बाद जारी किया जाएगा। बैंक गारंटी का प्रारूप अनुबंध समझौते के GCC में उपलब्ध है।

Please deposit Rs.6,99,695/- (Rupees Six Lakhs Ninety-nine Thousand Six Hundred and Ninety-five) only towards security deposit @ 10% in the form of Bank Guarantee as per AAI proforma and in compliance to relevant clause of GCC within 10 days from the date of issue of letter, failing which the same shall be deducted from your bills and same will be released after completion of Defect Liability Period of 12 Months from the date of handing over and acceptance of the system by AAI. The format of Bank Guarantee is available in the GCC of the contract Agreement.

- 4) आपसे निवेदन है कि आप केंद्रीय और राज्य सरकारों के प्रावधानों, जैसे अनुबंध श्रम (विनियमन और उन्मूलन) अधिनियम 1970, 1971 के केंद्रीय नियम अनुबंध श्रम नियम (नियमन तथा उन्मूलन) एवं केंद्र तथा राज्य सरकार के न्यूनतम बेतन अधिनियम और नियमों, के प्रावधानों का अनुपालन करें, केंद्र तथा राज्य सरकार के भवन, बाल श्रम (निषेध और विनियमन) अधिनियम 1986, निर्माण श्रमिक (रोजगार और सेवा की स्थिति का विनियमन) अधिनियम 1996 अन्य निर्माण के लिये श्रमिक कल्याण उपकर अधिनियम 1996 जो की निबिदा के दस्तबेज, पृष्ठ 50 पर दी गई शर्त 19 में है का अनुपालन करें।

You are requested to comply with the provision of Contract labour (Regulation and Abolition) Act 1970, contract labour (Regulation and Abolition) Central rules 1971, Minimum Wages Act of Central and State Government, Child Labour (Prohibition & Regulation) Act 1986, Construction Workers (Regulation of Employment and Condition of Service) Act 1996, Building and other construction Workers Welfare Cess Act 1996 as specified in Clause 19 on page no. 50 of GCC of tender and rules of Central and State Government.

- 5) आपको निर्देश दिया जाता है कि आप तुरंत वरिष्ठ प्रबंधक (अभि.-वि.), भा.वि.प्रा., ने.सु.चं.बो.अं. कोलकाता हवाईअड्डा से मिलें। वह आपको साइट सौंपने की व्यवस्था करेंगे।

You are also directed to contact Sr. Mgr. (Engg.-Elect.), AAI, Kolkata, immediately, who will arrange to handover the site to you.



भारतीय विमानपत्तन प्राधिकरण
AIRPORTS AUTHORITY OF INDIA

- 6) कार्य पूर्ण करने की अवधि 05 (पाँच) माह है, जो कि इस पत्र के जारी होने की तारीख के बाद दसवे दिन अर्थात् 07.10.2022 से गिना जाएगा।

Completion period for the work shall be **05 (Five) Months** which will be reckoned from 10th day of issue of this letter i.e. **from 07.10.2022**.

- 7) अनुबंध के नियमों और शर्तों के अनुसार और अभियंता प्रभारी के निर्देशानुसार कार्य किया जाएगा।

The work shall be carried out as per contract terms and conditions and as per directive of the Engineer-In-Charge.

- 8) इस ठेके के संबंध में आगे का कोई भी पत्राचार प्रभारी अभियंता, भा.वि.प्रा., ने.सु.च.बो.अं. कोलकाता विमानक्षेत्र के पते पर किया जाए।

Any further correspondence in connection with the contract should normally be addressed to the Engineer-In-Charge.

- 9) कृपया पावती एवं पत्र दूसरी प्रत पर हस्ताक्षर करके अधोहस्ताक्षरकर्ता को वापस भेजे।

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) अन्य सभी नियम और शर्तें समझौते के अनुसार होंगी।

All other Terms & Conditions shall be as per Agreement.

- 11) यदि अंग्रेजी और हिंदी के बीच कोई विसंगति है तो अंग्रेजी में व्युत्पन्न अर्थ को वरीयता दी जाएगी।

If there is any discrepancy between English and Hindi then meaning derived in English will be given precedence.

धन्यवाद/Thanking you,

भवदीय / Yours faithfully,

संलग्न/Encl.: Schedule of work.

(संदीप पिंपलापुरे / Sandeep Pimlapure)

उप महाप्रबंधक (अभि-विद्युत) / Dy. Gen. Manager (Engg-E) - III,

कृते तथा ओर से, अध्यक्ष, भारतीय विमानपत्तन प्राधिकरण,

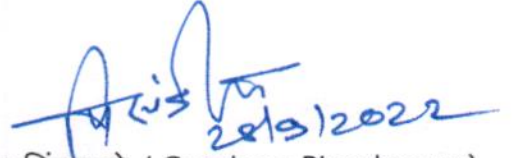
For and on behalf of Chairman,
Airports Authority of India.

प्रतिलिपि / Copy to:

- i) आयकर अधिकारी., पी-7 चौरंगी स्कोयर, कोलकाता - 700 069
Income Tax Officer, P-7 Chowringhee Square, Kolkata- 700 069
- ii) क्षेत्रीय श्रम आयुक्त (केंद्रीय), 2 एम.एस. बिल्डिंग, 5 फ्लोर, निज़ाम पैलेस, 234/4 ए.जे.सी. बोसे रोड, कोलकाता - 700 020
Regional Labour Commissioner (Central), 2nd MS Building, 5th floor, Nizam Place,
234/4 A.J.C Bose Road, Kolkata 700 020
- iii) आयुक्त, कार्य अनुबंध सेल, 14, बेलियाघाता मैन रोड, कोलकाता - 700015
The Commissioner, Work Contract Cell, 14, Beliaghata Main Road, Kolkata- 700 015

N.O.O.:

- i) विमानपतन निदेशक, भा.वि.प्रा., ने.सु.चं.बो.अं. हवाईअड्डा - 700052
PA to Airport Director, AAI NSCBI Airport, Kolkata - 700 052
- ii) म.प्र. (अभि- विद्युत), भा.वि.प्रा., ने.सु.चं.बो.अं. हवाईअड्डा - 700052
G. M. (Engg.-Elect.), AAI, NSCBI Airport, Kolkata - 700 052
- iii) म.प्र. (अभि-वित्त), भा.वि.प्रा., ने.सु.चं.बो.अं. हवाईअड्डा - 700052
G. M. (F & A), AAI, NSCBI Airport, Kolkata - 700 052
- iv) वरिष्ठ प्रबंधक (अभि- विद्युत) - III, भा.वि.प्रा., ने.सु.चं.बो.अं. हवाईअड्डा - 700052
Sr. Manager (Engg-Elect.) - III, AAI, NSCBI Airport, Kolkata - 700 052
- v) प्रबंधक (अभि- विद्युत), भा.वि.प्रा., ने.सु.चं.बो.अं. हवाईअड्डा - 700052
Manager (Engg-Elect.), AAI, NSCBI Airport, Kolkata - 700 052
- vi) समझौता
Agreement


(संदीप पिंपलापुरे / Sandeep Pimlapure)

उप महाप्रबंधक (अभि-विद्युत) / Dy. Gen. Manager (Engg-E) - III,
कृते तथा ओर से, अध्यक्ष, भारतीय विमानपतन प्राधिकरण,
For and on behalf of Chairman,
Airports Authority of India.

Validate

Print

Help

Item Rate BoQ

Tender Inviting Authority: Airports Authority of India

Name of Work: Supplementary scope of work for capacity enhancement at integrated passenger terminal of NSCBI Airport, Kolkata.

SH: Air Conditioning work.

Contract No: 2022_AAI_120787_1

Name of the
Bidder/ Bidding
Firm / Company
:

VOLTAS LIMITED

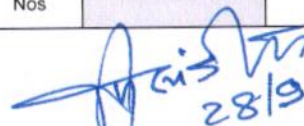
PRICE SCHEDULE

(This BOQ template must not be modified/replaced by the bidder and the same should be uploaded after filling the relevant columns, else the bidder is liable to be rejected for this tender. Bidders are allowed to enter the Bidder Name and Values only)

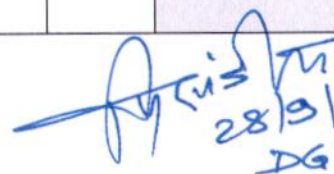
NUMBER #	TEXT #	NUMBER #	TEXT #	NUMBER #	NUMBER #	TEXT #
Sl. No.	Item Description	Quantity	Units	BASIC RATE In Figures To be entered by the Bidder, excluding GST Rs. P	TOTAL AMOUNT in Rs. P	TOTAL AMOUNT In Words
1	2	4	5	7	8	10
1	Supply, Installation, Testing and commissioning of factory built floor mounted/Ceiling suspended chilled water double skin type air handling units made of panels consisting of pre plasticised G.I. casing of 0.60mm outside layer and 0.6 mm inside layer with polyurethane foam (PUF) insulation of 25mm minimum thickness and 38 kg/cum density injected between them, complete with blower section with blower suitable for static pressure as detailed below, cooling coil section with aluminium finned copper tubes (tubes thickness not less than 0.5mm) cooling coil, filter section with 50mm thick washable synthetic type air pre-filters belt drive package with TEFC drive motor (IE-2) suitable for 415±10% volts, 50Hz, 3 Phase AC supply, drain connections, stainless steel (18G) drain pan PUF insulation necessary vibration isolation arrangement etc. complete as per specification and of following capacities. Note: AHU should have the provision for placing adequate UVGI lamps CFM - 7000;; Pressure - 50 mm Static	5	Nos	205422.00	1027110.00	INR Ten Lakh Twenty Seven Thousand One Hundred & Ten Only

Arjun
28/9/2022
DGM/EE/II

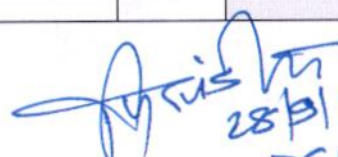
Sl. No.	Item Description	Quantity	Units	BASIC RATE In Figures To be entered by the Bidder, excluding GST Rs. P	TOTAL AMOUNT in Rs. P	TOTAL AMOUNT in Words
2	Supplying, laying/ fixing, testing and commissioning of following nominal sizes of chilled water piping inside the building/masonry ducts (with necessary clamps, vibration isolators, bends, reducers, tees, supports, flow indicators etc. fittings but excluding valves, strainers, gauges etc.) duly insulated with following closed cell elastometric nitrile rubber of minimum 45 Kg / m3 density, thermal conductivity 0.037 W/MK or better at 20 deg. mean temperature class 'O' insulation applied by suitable adhesive complete including repairing of damage to building etc. as per specifications and as required complete in all respect. Note:- The Pipes of sizes 150 mm & below shall be M.S. 'C' class as per IS : 1239. (Thickness of the nitrile insulation shall be 32 mm).					
2.01	150 mm Dia.	150	RM	2458.00	368700.00	INR Three Lakh Sixty Eight Thousand Seven Hundred Only
2.02	100 mm Dia.	300	RM	1726.00	517800.00	INR Five Lakh Seventeen Thousand Eight Hundred Only
2.03	80mm Dia.	200	RM	1320.00	264000.00	INR Two Lakh Sixty Four Thousand Only
2.04	65mm Dia.	350	RM	925.00	323750.00	INR Three Lakh Twenty Three Thousand Seven Hundred & Fifty Only
2.05	50mm Dia.	400	RM	852.00	340800.00	INR Three Lakh Forty Thousand Eight Hundred Only
3	Supply, installation, testing and commissioning of following normal sizes of insulated (insulation thickness 9mm class O fire rated) CPVC drain piping of 50mm size with necessary claps, bends, supports, etc. as required and specified	300	RM	389.00	116700.00	INR One Lakh Sixteen Thousand Seven Hundred Only
4	Valves: Supply, fixing, testing and commissioning of following valves, strainers, etc. duly insulated with same specifications as that of connected piping complete with companion flanges, nuts, bolts, gaskets, adequate support etc. as specified. BUTTERFLY VALVE (MANUAL) with CI body SS Disc, Nitrile Rubber Seal & O-Ring PN 16 pressure rating for chilled water/hot water circulation as specified.					
4.01	150 mm Dia.	4	Nos	9219.00	36876.00	INR Thirty Six Thousand Eight Hundred & Seventy Six Only
4.02	100 mm Dia.	4	Nos	6227.00	24908.00	INR Twenty Four Thousand Nine Hundred & Eight Only
4.03	80mm Dia.	4	Nos	4803.00	19212.00	INR Nineteen Thousand Two Hundred & Twelve Only
4.04	65mm Dia.	4	Nos	4374.00	17496.00	INR Seventeen Thousand Four Hundred & Ninety Six Only


 28/9/2022
 DG 101/E/2022

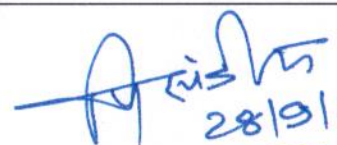
Sl. No.	Item Description	Quantity	Units	BASIC RATE In Figures To be entered by the Bidder, excluding GST Rs. P	TOTAL AMOUNT in Rs. P	TOTAL AMOUNT In Words
4.05	50mm Dia.	25	Nos	3611.00	90275.00	INR Ninety Thousand Two Hundred & Seventy Five Only
5	BALANCE VALVE with C I body flanged construction with EPDM coated disc long pitch with protected out pipe insulation & PN 16 Pressure rating for chilled / hot water circulation as specified.					
5.01	150 mm Dia.	3	Nos	42343.00	127029.00	INR One Lakh Twenty Seven Thousand & Twenty Nine Only
5.02	100 mm Dia.	3	Nos	20302.00	60906.00	INR Sixty Thousand Nine Hundred & Six Only
5.03	80mm Dia.	2	Nos	14261.00	28522.00	INR Twenty Eight Thousand Five Hundred & Twenty Two Only
5.04	65mm Dia.	2	Nos	12378.00	24756.00	INR Twenty Four Thousand Seven Hundred & Fifty Six Only
5.05	50mm Dia.	6	Nos	9457.00	56742.00	INR Fifty Six Thousand Seven Hundred & Forty Two Only
6	Supply, Installation, Testing and Commissioning of following sizes electronic, self-balancing, pressure independent type dynamic balancing valve with integrated 2 way modulating control valve in a single body. The actuator shall be capable of accepting upto 10V DC and upto 20mA electric signal and shall provide similar transduced feedback output to control system. Maximum close off pressure shall not be less than 6 Bar for upto 50 mm valves and 7 Bar for 65 mm & above. Valves should have pressure rating of 25 Bar minimum.					
6.01	65 mm	4	Nos	78593.00	314372.00	INR Three Lakh Fourteen Thousand Three Hundred & Seventy Two Only
6.02	50 mm	6	Nos	37094.00	222564.00	INR Two Lakh Twenty Two Thousand Five Hundred & Sixty Four Only
7	Y - STRAINER of Ductile CI Body flanged ends with stainless steel strainer for chilled water circulation including insulation as specified.					
7.01	80 mm Dia	2	Nos	7239.00	14478.00	INR Fourteen Thousand Four Hundred &
7.02	65 mm Dia	4	Nos	5127.00	20508.00	INR Twenty Thousand Five Hundred & Eight
7.03	50 mm Dia	6	Nos	3596.00	21576.00	INR Twenty One Thousand Five Hundred &
8	Dial type Pressure Gauge	10	Nos	2450.00	24500.00	INR Twenty Four Thousand Five Hundred Only
9	Dial type Temperature Gauge	10	Nos	2450.00	24500.00	INR Twenty Four Thousand Five Hundred Only
10	Automatic Air Vent with ball valve in brass connection complete with nipples, union etc. as required at all high points in the pipe lines, The valve shall be such as to have non-return valves as integral part of the valve.	10	Nos	1696.00	16960.00	INR Sixteen Thousand Nine Hundred & Sixty Only


 28/9/2022
 DGM/EEJII

Sl. No.	Item Description	Quantity	Units	BASIC RATE In Figures To be entered by the Bidder, excluding GST Rs. P	TOTAL AMOUNT in Rs. P	TOTAL AMOUNT In Words
11	Ducting work G.S.S square/ rectangular factory fabricated ducting complete with gaskets, elbows, splitters, vanes, supports etc. as per drawings and as required for air distribution.					
11.01	18 gauge	300	SqM	27.00	8100.00	INR Eight Thousand One Hundred Only
11.02	20 gauge	150	SqM	1188.00	178200.00	INR One Lakh Seventy Eight Thousand Two Hundred Only
11.03	22 gauge	200	SqM	23.00	4600.00	INR Four Thousand Six Hundred Only
11.04	24 gauge	200	SqM	21.00	4200.00	INR Four Thousand Two Hundred Only
12	Supplying and fixing of following thickness closed cell Nitrile rubber (Class "O") insulation on existing duct after applying suitable adhesive for Nitrile rubber. The joints shall be sealed with 50 mm wide and 3 mm thick self-adhesive nitrile rubber tape insulation complete as per specifications and as required					
12.01	25 mm thickness	900	SqM	214.00	192600.00	INR One Lakh Ninety Two Thousand Six Hundred Only
13	Acoustic Insulation Supply, installation, testing and commissioning of 10mm thick open cell acoustic insulation.	300	SqM	820.00	246000.00	INR Two Lakh Forty Six Thousand Only
14	Supply, installation, testing and commissioning of fresh air louver with bird screen and damper	2	SqM	7853.00	15706.00	INR Fifteen Thousand Seven Hundred & Six Only
15	Supply, installation, testing and commissioning of Powder Coated Aluminium Jet eye ball diffuser of 315mm - 400mm dia.	60	Nos	15900.00	954000.00	INR Nine Lakh Fifty Four Thousand Only
16	Supply, installation, testing and commissioning of return air louver	2	SqM	10666.00	21332.00	INR Twenty One Thousand Three Hundred & Thirty Two Only
17	Supply, installation, testing and balancing of BMS compatible motorised fire damper	2	SqM	38306.00	76612.00	INR Seventy Six Thousand Six Hundred & Twelve Only
18	Supply, installation, testing and commissioning of Volume Control Damper	2	SqM	8314.00	16628.00	INR Sixteen Thousand Six Hundred & Twenty Eight Only


 28/3/2022
 DG M/EE/III

Sl. No.	Item Description	Quantity	Units	BASIC RATE In Figures To be entered by the Bidder, excluding GST Rs. P	TOTAL AMOUNT in Rs. P	TOTAL AMOUNT In Words
19	SITC of UL listed UVGI system (Made IN INDIA) for existing AHU comprising of all necessary accessories i.e. UV lamps (UL - 2034 listed), Aluminium Reflectors, UL listed Electronic Ballast, anodized Aluminium extruded stand for lamp housing, Control Panel, necessary cabling/wiring/MCBs/switches, timer and any other accessories to make the whole system fully operational as specified in the technical specification and as per site requirement as directed by the Engineer-in-charge, to be installed inside AHUs as per the following AHU capacities - 7000 CFM each.	5	Sets	32666.00	163330.00	INR One Lakh Sixty Three Thousand Three Hundred & Thirty Only
20	Electrical Work					
20.01	Supply, installation, testing and commissioning of 2 mm. CRCA sheeted powder coated Starter Panel for AHU, including SITC of suitable incomer switchgear, VFD, bypass starter complete with push button ON/OFF switch, indication lamp, voltmeter, ammeter and necessary protection devices etc. for operating 7000 CFM AHUs.	5	Nos	62820.00	314100.00	INR Three Lakh Fourteen Thousand One Hundred Only
20.02	Supply, laying and termination of 3C x 2.5 Sqmm Copper Flexible cable	400	Rmt.	113.00	45200.00	INR Forty Five Thousand Two Hundred Only
20.03	Supply, installation, testing and commissioning of 3C x 10 Sqmm Aluminium Armoured cable for AHU power from Starter panel	400	Rmt.	264.00	105600.00	INR One Lakh Five Thousand Six Hundred Only
20.04	Supply, installation, testing and commissioning of 8SWG GI Earthing Wire	300	Rmt.	19.00	5700.00	INR Five Thousand Seven Hundred Only
21	Fabrication work Steel work in M.S. Tubular section /M.S. Square section /M.S. Plates i/c cutting to required length welding & fixing the members to RCC/Brick structure/Pre-fabricated structure with anchor fastners as per relevant drawing and direction by the Engg. - in - Charge i/c application of one coat epoxy primer on exposed surfaces.(75 micron thick) and Polyurethane Painting of 75 micron DFT	4000	KG	135.00	540000.00	INR Five Lakh Forty Thousand Only
Total in Figures					6996948.00	INR Sixty Nine Lakh Ninety Six Thousand Nine Hundred & Forty Eight Only
Quoted Rate in Words		INR Sixty Nine Lakh Ninety Six Thousand Nine Hundred & Forty Eight Only				


 28/9/2022
 DG M(EE) III